### JEA BOARD AGENDA

DATE:	July 19, 2016
TIME:	12:00 PM
PLACE:	JEA 21 West Church Street 19 <sup>th</sup> Floor

#### I. <u>WELCOME</u>

- A. Call to Order
- B. Time of Reflection
- C. Pledge to Flag
- D. Adoption of the Agenda
- E. Safety Briefing
- F. Sunshine Law/Public Records Statement Office of General Counsel (OGC)

#### II. PRESENTATIONS AND COMMENTS

- A. Comments from the Public
- B. Council Liaison's Comments Greg Anderson
- C. Office of the Mayor Liaison's Comments Dr. Johnny Gaffney
- D. Nassau County's Ex-Officio Representative's Comments Mike Mullin
- E. J. D. Power Residential Customer Satisfaction Results Monica Whiting, Chief Customer Officer presentation/information

### III. FOR BOARD CONSIDERATION

- A. Consent Agenda The Consent Agenda consists of agenda items that require Board approval but are routine in nature, or have been discussed during previous public meetings of the Board. The Consent Agenda items require no explanation, discussion or presentation, and are approved by one motion and vote.
  - 1. Approval of Board Meeting Minutes June 21, 2016 action

- 2. Authorization of Board Member Travel Rating Agency Presentations action
- 3. Real Estate Acquisition Status Report information
- 4. Sole Source & Emergency Procurement information
- 5. Monthly JEA Financial Review & Statements information
- 6. Monthly JEA Operations Report information
- 7. Monthly FY16 Communications & Engagement Calendar and Plan Update information
- B. Strategic Discussions/Action
  - 1. Monthly Operational and Financial Review Paul McElroy, Managing Director/CEO – 10 minutes – discussion/information
  - 2. Jacksonville Small & Emerging Business Program John McCarthy, Director, Supply Chain Management – 10 minutes – presentation/information
- C. Open Discussion
- D. Other New Business
- E. Old Business none

### IV. <u>REPORTS</u>

- A. Managing Director/CEO's Report
- B. Chair's Report

### V. <u>CLOSING CONSIDERATIONS</u>

- A. Announcements Next Board Meeting August 16, 2016
- B. Adjournment

Board Calendar					
Board Meeting:	12:00 PM – Third Tueso	lay of Every Month			
<u>Committees</u> Finance & Audit Committee: <i>Special Committee Meeting</i>	August 8, 2016 <i>TBD – September 2016</i> TBD – December 2016	8:00 – 10:00 AM			
Compensation Committee:	TBD				
Government Affairs Committee:	December 13, 2016	10:30 AM			



#### INTER-OFFICE CORRESPONDENCE

July 13, 2016

#### SUBJECT: **BOARD MEETING AGENDA**

FROM:	Melissa Charleroy and Cheryl Mock, JEA Executive Assistants
TO:	All Members, JEA Board of Directors

Scheduled times and locations for JEA meetings to be held *Tuesday, July 19, 2016, are as* follows:

#### **Board Meeting** 12:00 PM 19<sup>th</sup> Floor, JEA Tower

We are looking forward to seeing you on the 19th. Please call Melissa Charleroy at 665-7313 or Cheryl Mock at 665-4202 if you require additional information.

/mmc

CC:

- P. McElroy T. Hobson S. Tuten M. Evans V. Wright B. Roche M. Charleroy J. Brooks, OGC M. Brost P. Cosgrave M. Whiting C. Mock J. Gabriel, OGC M. Dykes J. Upton N. NesSmith C. Edgar A. Hiers G. Boyce M. Ruiz-Adams B. Fore M. Hightower J. Gutos W. Stanford J. Bryant
- e-copy: Patrick Maginnis Security Desk Security Office Brandi Sneed Russell Park Ted Delay Timothy Chrisp

## I. F. Sunshine Law/Public Records Statement

#### Florida's Government in the Sunshine Law Office of General Counsel

This meeting is being held in compliance with Florida's Government in the Sunshine Law, §286.011, Florida Statutes, and shall be open to the public at all times. Official acts of the JEA Board may be conducted at this meeting that will be considered binding on the JEA. Reasonable notice has been provided and minutes of this meeting shall be taken and promptly recorded.

II. E.

J. D. Power Residential Customer Satisfaction Results

Return to Agenda

II. E. 7/19/2016

II. E.

### J. D. Power Residential Customer Satisfaction Results

The results of the J. D. Power Residential Customer Satisfaction survey will be distributed at the Board Meeting.

## III. A. 1. Approval of Board Meeting Minutes June 21, 2016

### JEA **BOARD MINUTES**

#### June 21, 2016

The JEA Board met in regular session on Tuesday, June 21, 2016, on the 19<sup>th</sup> Floor, 21 W. Church Street, Jacksonville, Florida. Present were Tom Petway, Ed Burr, Husein Cumber, Kelly Flanagan, Warren Jones, and Alan Howard. Delores Kesler attended via telephonically.

#### Agenda Item I – Welcome

- A. The meeting was **called to order** at 12:04 PM by Chair Petway.
- B. A Moment of Reflection was observed by all.
- **C**. The **Pledge of Allegiance** was led by Chair Petway.
- D. Adoption of Agenda – The agenda was approved on motion by Vice Chair Burr and second by Mr. Howard.
- E. The Safety Briefing was given by Paul McElroy, Managing Director/Chief Executive Officer.
- F. Sunshine Law/Public Records Statement – Jody Brooks, Office of General Counsel (OGC), stated this Board Meeting is being held in compliance with Florida's Government in the Sunshine Law, §286.011. The complete statement can be found in section I. F. of the Board package.

#### **Agenda Item II – Presentations and Comments**

- **Comments from the Public** none A.
- **B**. **Council Liaison's Comments** – The Honorable Bill Gulliford thanked the Board for their courtesy and shared his appreciation for the work JEA put into the renegotiated JEA Inter-Agency Agreement with the City and the work on septic tanks. Mr. Gulliford advised that the new City Council term begins on July 1, 2016, and a new liaison for JEA would be announced soon.
- C. Office of the Mayor Liaison's Comment – Dr. Johnny Gaffney was not in attendance.
- D. Nassau County's Ex-Officio Representative – Mike Mullin – Mr. Mike Mullin was not in attendance.

#### Agenda Item III – For Board Consideration

- A. **Consent Agenda** – used for items that require no explanation, discussion or presentation and are approved by one motion and vote. On motion by Mr. Jones and second by Mr. Howard, item 1 on the Consent Agenda was unanimously approved and items 2 through 4 were received for information.
  - 1. Approval of Board Meeting Minutes May 17, 2016 approved
  - 2. Monthly JEA Financial Statements received for information
  - 3. Monthly FY16 Communications & Engagement Calendar and Plan Update received for information
  - 4. Monthly JEA Operations Report received for information
- B. **Strategic Discussions/Action**

- JEA 401(a) Defined Contribution Retirement Plan Restatement Resolution 2016-10 – Angie Hiers, Chief Human Resources Officer – Ms. Hiers presented the 401(a) Defined Contribution Retirement Plan was created in 2002 to allow non-Collective Bargaining Unit (CBU) employees the opportunity to defer a portion of their compensation on a tax-deferred basis. Ms. Hiers indicated that Mass Mutual serves as trust and plan document administrator and a committee of JEA employees, with financial and investment backgrounds, oversees the plan regarding the monitoring of investment plan performance and the portfolio of investment options. Periodically, due to changes in the law, the Plan must be restated. Ms. Hiers stated there are no substantive changes to the Plan. Upon motion by Mr. Jones and second by Mr. Cumber, this item was unanimously approved.
- Directors' & Officers' Liability Insurance Paul McElroy, Chief Executive Officer – Mr. McElroy reviewed the liability insurance for JEA and presented the terms of coverage. This item was approved at the October 2015 Board Meeting and was presented for information only.
- 3. Proposed FY2017 Operating and Capital Budgets Melissa Dykes, Chief Financial Officer Ms. Dykes presented the schedules to be submitted to the City Council for approval of the upcoming fiscal year's budget. These schedules were reviewed by the Finance & Audit Committee at their May 9, 2016 meeting and the full Board at the May 17, 2016 Board Meeting. Ms. Dykes provided an overview of the budgets, advised that JEA would be accumulating no new debt and there will be no rate changes for JEA customers. Upon **motion** by Mr. Jones and second by Mr. Cumber, this item was unanimously approved.
- 4. Purchasing Code Delegation of Authority John McCarthy, Director, Supply Chain Management Mr. McElroy provided information to the Board indicating that in 2010, a previous Board had given the CEO authority to amend the Purchasing Code via the Board Governance Manual, but without the approval of a JEA Board Resolution specifically delegating this authority. The Board is being asked to approve a resolution to create the technical authorization for the CEO. Mr. McCarthy provided an overview of the Purchasing Code and the procurement process used by JEA. Mr. Howard requested that the resolution be amended to provide a ratification of past revisions since the February 2010 approval. Upon motion by Mr. Howard and second by Mr. Cumber, the item was unanimously approved by the Board.
- 5. Bi-Monthly Finance Presentation Melissa Dykes, Chief Financial Officer, provided a presentation highlighting key financial metrics and results of JEA's Electric and Water and Sewer systems ending May 31, 2016. Ms. Dykes informed the Board that the report is always part of the Board package and is available in the Consent Agenda for the months it is not presented. Ms. Dykes advised the Board of a supplemental sheet provided before them, which indicates the credit rating changes and confirmations that have taken place since the December 2015 ratings agency presentations. The Board discussed the upcoming ratings agency meetings, the results JEA anticipates and the process by which credit ratings are affirmed.

- 1. Draft Recommendations to Summarize Monthly Operational and Financial reporting, Focusing on Variances, Changes in Trends and Emerging Issues - Paul McElroy, Chief Executive Officer – Mr. McElroy informed the Board that the Finance and Operations monthly reports have historically been included in the monthly Board package in the consent agenda. The strategic agenda included alternating bi-monthly detail of the operations reports and financial reports. Fortunately, we are operating in an environment where there is little change in trends and budget variances between monthly reporting periods. Therefore, for the Board's consideration, Mr. McElroy presented a recommendation to provide a monthly summary of the key metrics. The full reports would still be provided and variances could be discussed with more detail, if requested. In addition, more in-depth financial reporting would still be provided on a quarterly basis. Mr. McElroy provided an overview of the recommended reports and requested feedback from the Board Members. After discussion, the Board Members advised that the new format is acceptable for Board Meeting presentations, however, the detailed reports should still be provided in the Board packages for their review.
- Water Supply Plan Paul McElroy, Chief Executive Officer Mr. McElroy provided an overview of the current water supply plan, the agencies involved in the state water supply discussions and the current politics of the water supply for the state. Mr. McElroy advised the Board of the future water supply programs that JEA will be working on with the district.
- 3. Resolution Supporting the City of Jacksonville Referendum and Pension Plan Solution Paul McElroy, Chief Executive Officer Mr. McElroy presented a resolution in support of the Mayor's Pension Plan solution. JEA staff created the resolution, with assistance from OGC and it was reviewed with the Mayor's Office. Upon motion by Mr. Jones and second by Mr. Howard, discussion took place on the resolution. Mr. Cumber requested that the resolution be amended to add "of which JEA employees are participants" to the third sentence to clarify why JEA is taking a stand on the resolution. Upon motion by Mr. Cumber and second by Ms. Kesler, further discussion took place regarding the resolution. Mr. Burr requested an addendum to Mr. Cumber's amendment indicating that in the fourth whereas, the language can be changed from indicating that the pension plans would be closed to future employees and that current employees would contribute a minimum of 10% to the pension plans and to instead state that the pension plans would be further reformed. Upon motion by Mr. Burr and second by Mr. Jones, the amended resolution was unanimously approved.
- **D.** Other New Business none
- E. Old Business none

#### <u>Agenda Item IV – Reports</u>

- A. Finance and Audit Committee Report Kelly Flanagan, Committee Chair
  - 1. Mid-Year Performance Review of Incentive-Based Plans Chair Flanagan advised the Board that she had undertaken an overview of the mid-year performance of the employee performance plan and the CEO's performance. As of mid-year, the employee plan results indicate that two of the five indicators have a possibility of being met. The CEO's performance is at or above for all quantitative measures.

- 2. Other Board Chair Petway noted that future meetings are located on the last page of the Board Agenda.
- **B.** Managing Director/CEO's Report Mr. McElroy reviewed the following items:
  - 1. Water Sample Testing Mr. McElroy advised the Board that JEA performs 45,000 sample tests a year to ensure drinking water safety. In the month of April, JEA missed one of the tests for the constituent Bromate. The following test on May 6, 2016 showed JEA in full compliance. The prior two years' of testing have produced the same results. There was no issue with public safety and JEA is following proper protocol for the reporting and resolution of this situation. A process and procedure review was conducted and changes made to ensure future compliance.
  - 2. Mr. McElroy advised the Board that JEA had a productive meeting with the Interim Inspector General Steven Rohan. JEA and Office of the Inspector General have a verbal framework for a positive working relationship and written procedures are being put into place.
  - 3. Mr. McElroy addressed the advertising of Florida Power & Light in the JEA territory.
- **C.** Chair's Report Chair Petway thanked everyone for a good Board Meeting and thanked Ms. Kesler for participating telephonically.

#### Agenda Item V – Closing Considerations

- A. Announcements Next Board Meeting July 19, 2016
- B. Adjournment

With no further business claiming the attention of the Board, Chair Petway adjourned the meeting at 1:48 PM.

APPROVED BY:

SECRETARY
DATE: \_\_\_\_\_

Board Meeting recorded by:

Cheryl W. Mock Executive Assistant

## III. A. 2. Authorization of Board Member Travel





III. A. 2. 7/19/2016

#### AGENDA ITEM SUMMARY

July 5, 2016

SUBJECT:	AUTHORIZATION OF BOARD MEMBERS' TRAVEL – RATING AGENCY PRESENTATIONS
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Purpose: Information Only Action Required Advice/Direction
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Issue: Immediately upon the release of the 2016 audited financial statements, JEA staff will travel to New York City to meet with the three rating agencies (Moody's, Standard & Poor's, and Fitch). The purpose of these meetings is to review JEA's financial performance. The Board Chair, or his designee, will accompany staff and actively participate in these presentations.

Significance: The Board's overall responsibilities include strategy, policy, rate-making, and financial performance for JEA. A primary measure to determine JEA's success is its credit rating. One of the key determinants in the company's credit rating is its governance structure (i.e., the Board, and specifically the Board's knowledge and appropriate involvement in JEA's business).

Effect: N/A

Cost or Benefit: Market pricing for flights, hotel accomodations, ground transportation, parking, and per diem for the Board Chair.

**Recommended Board action:** Staff recommends the Board approve payment of travel-related expenses for the Board Chair, or his designee, to travel to New York City on December 7 - 9, 2016, to participate in the rating agency meetings.

For additional information, contact: Melissa Charleroy, 904-665-7313

Submitted by: PEM/ MMC



## III. A. 3. Real Estate Acquisition Status Report





III. A. 3. 7/19/2016

#### June 27, 2016

SUBJECT:	REAL ESTATE ACQUISITION STATUS REPORT						
Purpose:	Information Only	Action Required	Advice/Direction				
<b>. .</b>							

**Issue:** Provide the JEA Board with an update of Real Estate activities where use of Condemnation Authority has previously been granted. Since there is no new condemnation activity at this time, this report is placed within the consent agenda.

Significance: Timely acquisition of property rights provides for continued service reliability.

Effect: Property owners whose real property is impacted by specific JEA work.

**Cost or Benefit:** The cost to acquire property rights is a one-time fee supported by certified appraisals with appropriate legal and other fees and expenses.

**Recommended Board action:** No action required. The Real Estate Acquisition Status Report is for informational purposes only.

For additional information, contact: Hamid Zahir, 665-6068

Submitted by: PEM/MHD/HAZ/DLB





#### **INTER-OFFICE MEMORANDUM**

June 27, 2016

#### SUBJECT: REAL ESTATE ACQUISITION STATUS REPORT

FROM: Paul E. McElroy, Managing Director/CEO

**TO:** JEA Board of Directors

#### BACKGROUND:

The JEA Board of Directors periodically grants the use of Condemnation Authority for specific work which is critical to JEA's operations. This authority provides for property rights to be acquired in a timely manner which ensures continued service reliability. Every effort is made to negotiate a settlement before proceeding with this action.

#### DISCUSSION:

The Real Estate Acquisition Status Report is submitted to the Board quarterly, and is intended to provide the Board with an overview of activities for which Condemnation Authority has been granted.

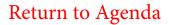
#### **RECOMMENDATION:**

No action is required. The Real Estate Acquisition Status Report is for informational purposes only.

Paul E. McElroy, Managing Director/CEO

PEM/MHD/HAZ/DLB

## III. A. 4. Sole Source & Emergency Procurement



REPORT



SOLE SOURCE & EMERGENCY PROCUREMENT/PROCUREMENT APPEALS BOARD

#### July 5, 2016

SUBJECT:

Purpose:	Information Only	Action Required	Advice/Direction
submit a report on		Purchasing Code require the ency procurements and all F is.	
		urement actions is necessar etition is achieved when in JI	y to maintain public confidence EA's best interest.
Effect: JEA's Proc JEA Board.	curement Department is res	ponsible for maintaining thes	se records and reporting to the
	Γο maintain public confidenα JEA's best interest.	ce in JEA's bidding process a	and to ensure competition is
Recommended B	<b>board action:</b> Provided for in	nformation; no action require	ed.
For additional inf	ormation, contact: John M	IcCarthy, Director Supply Ch	ain Management, 665-5544

Submitted by: PEM/MHD/JPM/RMW





#### **INTER-OFFICE MEMORANDUM**

July 5, 2016

#### SUBJECT: SOLE SOURCE & EMERGENCY PROCUREMENT/PROCUREMENT APPEALS BOARD REPORT

**FROM:** Paul E. McElroy, Managing Director/CEO

TO: JEA Board of Directors

#### BACKGROUND:

Sections 1-113 and 1-114 of the JEA Purchasing Code require the Chief Procurement Officer to submit a report on all Sole Source and Emergency procurements and all Procurement Appeals Board decisions to the JEA Board on a quarterly basis.

#### DISCUSSION:

This report is submitted for the quarter ending June 30, 2016. Summary information for all awards is provided below. A detailed listing for the Formal Sole Source and Emergency Awards is attached. Detailed back-up information for all other awards is retained by the Chief Procurement Officer and is available upon request. There were no Procurement Appeals Board actions during this quarter.

#### Quarter Ending June 30, 2016

Formal Awards	Number	%	Do	llar Amount	%
Total	55		\$	171,928,811	
Sole Source Awards	0	0%	\$	0	0%
Emergency Awards	0	0%	\$	0	0%
Informal Awards	Number	%	Do	llar Amount	%
Total	4,167		\$	18,455,294	
Sole Source Awards	0	0%	\$	0	0%
Emergency Awards	2	.05%	\$	38,760	.21%

#### **RECOMMENDATION:**

This item is submitted for information. No action by the Board is required.

Paul E. McElroy, Managing Director/CEO

PEM/MHD/JPM/RMS

# Total Sole Source & Emergency 7/19/2016 Procurement Actions

	FY15 Q4	FY16 Q1	FY16 Q2	FY16 Q3
Total Awards	\$102.44M	\$121.59M	\$163.4M	\$190.38M
Sole Source (\$)	\$0M	\$0M	\$2.4M	\$0M
Sole Source (%)	0%	0%	1.5%	0%
Emergency (\$)	\$0.37M	\$0.15M	\$.40M	\$.04M
Emergency (%)	0.37%	0.12%	.24%	0.02%

Formal So	ole Source ar	nd Emergency A	wards by Department - Summary
	12	months ending	June 30, 2016
Sole Source Av	vards (1 Item	s totaling \$2,32	9,450.00)
Requesting Dept	Number of Awards	Amount	Description
P. Cosgrave (TS)	1	\$2,329,450.00	Customer Pre-Paid Account Management Software
Total	1	\$2,329,450.00	
Emergency Awa	ards (0 Items	totaling \$0.00)	
Requesting Dept	Number of Awards	Amount	Description
Total	0	\$0.00	

	Formal Sole Source Awards by Department Detail 12 months ending June 30, 2016					
Sole So	ource Awar	ds (1 Iten	ns totalir	ng \$2,329,450.00	)	
Award Date	Amount	Requesting Dept	Vendor	Description	Sourcing Basis	
1/14/2016	\$2,329,450.00	P. Cosgrave (TS)	Exceleron Software	Customer Pre-Paid Account Management Software	<b>Sole Source</b> - There continues to be a need for a customer pre-paid service for JEA's customers, and Exceleron's PAMS software, when integrated into JEA's metering, billing and payment systems, meets these needs. After market research was conducted through a RFI (Request for Information) process, it was determined that there wasn't enough advancements in this field to re-bid these services. It should be noted that it would cost JEA approximately \$2.7M to implement a new software system. It was determined that this was in JEA's best interest to pursue this sole source opportunity with Exceleron Software.	
Total	\$2,329,450.00					

	Formal Emergency Awards by Department Detail 12 months ending June 30, 2016					
Emerge	ency Award	ls (0 Items	totaling	\$0.00)		
Award Date	Amount	Requesting Dept         Vendor         Description         Sourcing Basis				
Total	\$0.00					



Sole Source & Emergency Procurement/Procurement Appeals Board Report

> III. A. 4. 7/19/2016

# Board of Directors Meeting July 19, 2016

John McCarthy, Director Supply Chain Management



## Sole Source & Emergency Procurement Report

### Procurement Actions Over Last 4 Quarters

	FY15 Q4	FY16 Q1	FY16 Q2	FY16 Q3
Total Awards	\$102.44M	\$121.59M	\$163.4M	\$190.38M
Sole Source (\$)	\$0M	\$0M	\$2.4M	\$0M
Sole Source (%)	0%	0%	1.5%	0%
Emergency (\$)	\$0.37M	\$0.15M	\$.40M	\$.39M
Emergency (%)	0.37%	0.12%	.24%	0.20%
Combined SS/E (%)	0.37%	0.12%	1.74%	0.02%

JEA's ~ 2% Sole Source and Emergency Procurement award percentage compares very favorably to other public utilities



## Sole Source & Emergency Procurement Report

### Formal Sole Source/Emergency Procurements during the past year

### Current Quarter

o None

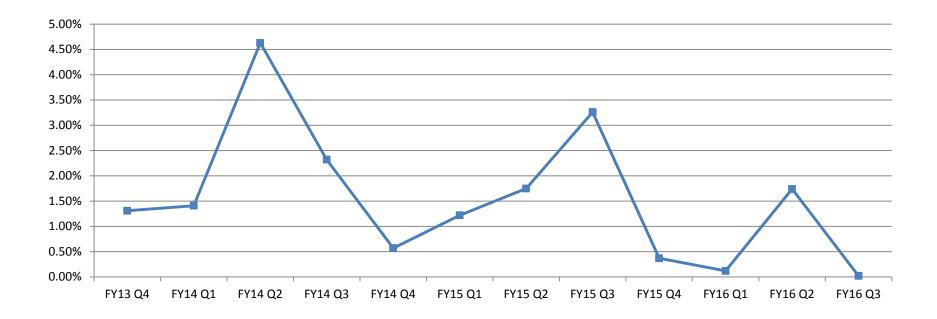
### Previous Quarters

 \$2.3M Sole Source to Exceleron Software, for Customer Pre-Paid Account Management Software (Avoids significant implementation costs for a new software system) (Q2 2016)



Sole Source & Emergency Procurement Report

# Combined Sole Source & Emergency Awards (prior three years)



4



## Procurement Appeals Board Report

## **Procurement Appeals Board Actions during the past year**

### Current Quarter

o None

### Previous Quarters

- Project: 075-15 Mandarin WRF Projects Bio Filter Bed Replacement Headworks Rehabilitation Bar Screen Replacement and Grit System Removal (Low bidder did not meet specialty sub-contractor requirement)
  - PAB upheld CPO decision (8/12/2015)
- Project: 054-15 Ponce de Leon Water Treatment Plant Pump Building and Reservoir Replacement (Low bidder did not meet JSEB sub-contracting requirement)
  - PAB upheld CPO decision (8/3/2015)

## III. A. 5. Monthly JEA Financial Review & Statements



## JEA Monthly Financial Summary as of June 30, 2016

Return to Agenda

III. A. 5. 7/19/2016

# Board of Directors July 19, 2016



## **Key Financial Metrics**

	Year-to-Date		FY2	016 Full Year	
Electric System	FY2016	FY2015	Forecast	Target	Result
Debt Service Coverage	2.6x	2.6x	2.7x	≥ 2.2x	1
Days Liquidity	331	277	325	150 to 250 days <sup>1</sup>	~
Days Cash on Hand	208	159	204		~
Debt to Asset %	67%	71%	66%	<b>72%</b> <sup>2</sup>	1

Water and Sewer System	FY2016	FY2015	Forecast	Target	Result
Debt Service Coverage	3.1x	2.8x	2.9x	≥ 1.8x	1
Days Liquidity	257	239	268	≥ 100 days	1
Days Cash on Hand	134	125	147		1
Debt to Asset %	53%	54%	53%	55% <sup>3</sup>	1

<sup>1</sup> Moody's Aa benchmark: 150 to 250 days

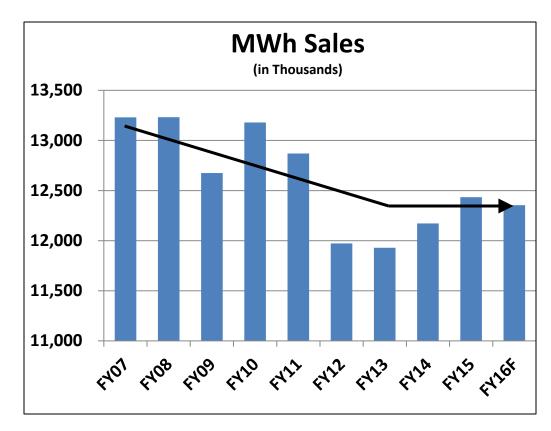
<sup>2</sup> Long-term target is 52%: per Moody's Sector In-Depth Report "Top 30 City Owned Utilities (by debt outstanding)", Sept. 2015

<sup>3</sup> Long-term target is 50%: calculated peer group from Moody's 214 Aa rated public water-sewer utilities, Dec. 2015



# JEA Electric System

### MWh Sales



Month	FY15	FY16	%
Oct	971,595	952,515	(2.0%)
Nov	895,617	923,705	3.1%
Dec	943,753	922,956	(2.2%)
Jan	1,035,621	1,049,897	1.4%
Feb	934,102	894,563	(4.2%)
Mar	898,524	893,954	(0.1%)
Apr	954,803	900,013	(5.7%)
May	1,062,459	1,089,555	2.6%
Jun	1,187,741	1,231,251	3.7%
Year-to-Date	8,884,214	8,858,409	(0.3%)
Jul	1,254,252		
Aug	1,212,295		
Sep	1,083,446		
Total/Forecast	12,434,208	12,353,692	

Unit Sales Driver: Degree days 6% lower than last year.

YTD Degree Days			
30-yr. Avg. <u>FY15</u> <u>FY16</u>			
2,561	2,685	2,518	

YTD Customer Accounts				
<u>FY15 FY16 %</u>				
445,744	453,554	1.8%		

Total System	(0.3%)	<
Residential	(1.9%)	
Comm./Industrial	1.8%	
Interruptible	(3.6%)	
Wholesale (FPU)	(2.2%)	



## JEA Electric System Financial Results and Cost Metrics

(\$ in thousands) FY16 vs FY15 (\$) Variance (%) Revenues **FY16 Forecast** FY15 Actual **FY16 Budget** Ś 486,362 <sup>2</sup> **Fuel Revenue** Ś 418,526<sup>1</sup> -13.9% Ś 485,631 \$ (67,836) **Base Revenue** 735,678 741,411 711,502 (5,733) -0.8% Other Revenue 38,623 38.183 51,716 439 1.2% \$ 1,192,826 \$ \$ 1,265,956 \$ 1,248,849 (73,130) -5.8% **Total Revenues** \$(56M) Select Expenses Fuel Expense Ś 388,965 Ś 441,076 Ś 460,315 \$ 52,111 11.8% **Fuel Fund Transfers** 29,561 45,286 25,255 15,725 O & M Expense 199,776 191,764 222,827 (8,013) -4.2% Non-fuel Purchased Power 94,443 114,804 113,015 20,361 17.7% Ś 465,205 \$ 405,311 Ś Net Revenues Ś 461,604 3,601 0.8% \$60M 153,200<sup>3</sup> **Capital Expenditures** 158,621 116.728 \$ \$ (41,893) -35.9% Ś Ś **Debt Service** Ś 174,695 175,779 185,614 Ś 1,084 0.6%

Electric Costs / MWh	Non-Fuel
Target	\$ 49.44
Forecast	<u> </u>
Difference	\$ (2.34)

Fuel Fund (\$ in m	illions)
Beginning Balance	\$ 151
Surplus/(Deficit)	86
Fuel Credit	(57)
Ending Balance	\$ 180

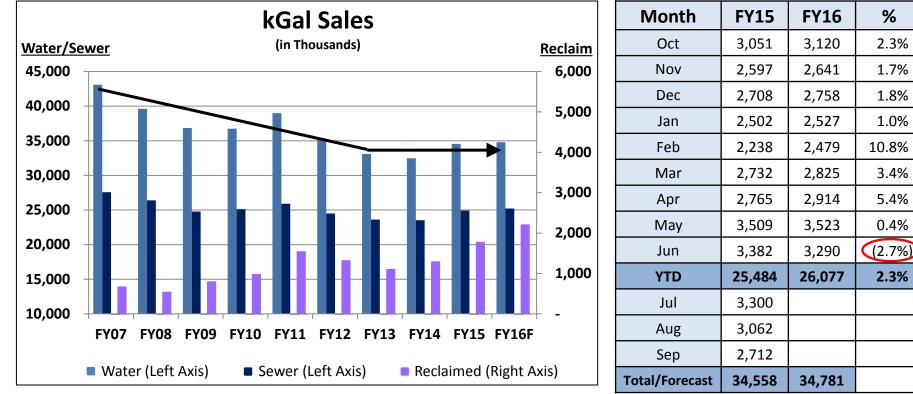
<sup>1</sup> Net of \$57 million fuel credit in October bill and fuel rate reduction in February

<sup>2</sup> Net of \$50 million fuel credit in FY15

<sup>3</sup> Council approved limit for capital expenditures in FY15 is \$170 million



## JEA Water and Sewer System kGal Sales



Unit Sales Driver: Rainfall down 6 inches; rain days remain unchanged. Irrigation for June 2016 down 17% versus June 2015.

YTD Rain			
	<u> 30-Yr. Avg.</u>	FY15	FY16
Inches	31	28	22
Days	73	66	66

YTD Customer Accounts					
<u>FY15 FY16 %</u>					
Water	327,047	335,121	2.5%		
Sewer	252,471	259,285	2.7%		
Reclaimed	6,165	7,866	27.6%		

Total System	2.3%	┝
Residential	2.5%	1
Comm./Industrial	2.6%	]
Irrigation	0.7%	

%

2.3%

1.7%

1.8%

1.0%

3.4%

5.4%

0.4%

2.3%



## JEA Water and Sewer System Financial Results and Cost Metrics

(\$ in thousands)

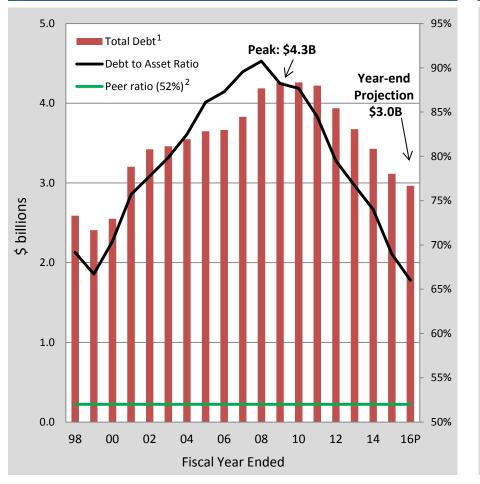
Revenues	FY16 Forecast	FY15 Actual	FY16 Budget	FY16F vs FY15 (\$)	Variance (%)
Water & Sewer Revenues	\$ 398,683	\$ 393,167	\$ 383,162	\$ 5,516	1.4%
Other Revenue	36,490	43,750	34,529	(7,260)	-16.6%
Total Revenues	\$ 435,173	\$ 436,917	\$ 417,691	\$ (1,744)	-0.4%
	<b>A</b>	\$17M	<b>^</b>		
Select Expenses					
O & M Expense	\$ 132,130	\$ 127,174	\$ 138,368	\$ (4,956)	-3.9%
Net Revenues	\$ 277,183	\$ 278,471	\$ 254,266	\$ (1,288)	-0.5%
	£	\$23M	1		
Capital Expenditures	\$ 156,150 <sup>1</sup>	\$ 100,806	\$ 175,000	\$ (55,344)	-54.9%
Debt Service	\$ 96,943	\$ 101,108	\$ 105,370	\$ 4,165	4.1%

Cost / KGal	Water	Sewer
Target	\$ 3.98	\$ 7.25
Forecast	4.40	7.68
Difference	\$ (0.42)	\$ (0.43)

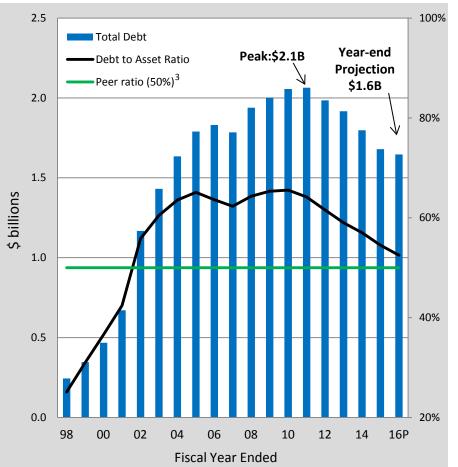


## JEA Debt and Debt to Asset Ratios

### **Electric System**



### Water and Sewer System



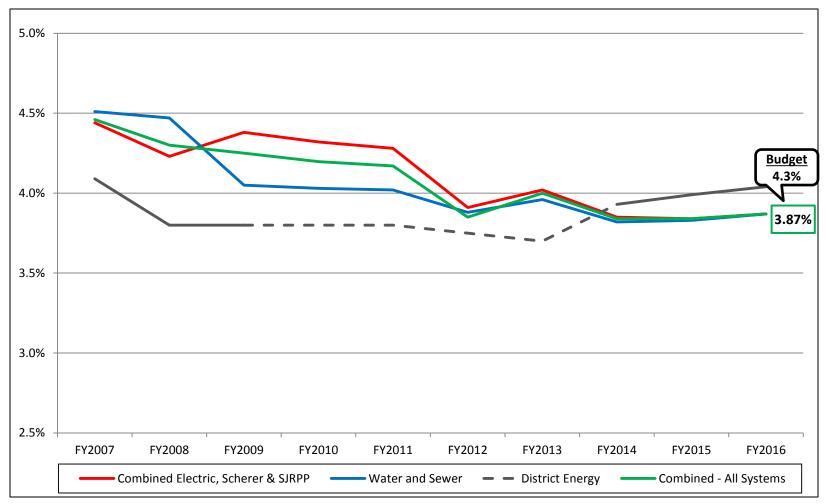
<sup>1</sup> Includes JEA, Scherer and SJRPP

<sup>2</sup> Per "Top 30 City Owned Utilities (By Debt Outstanding)" reported in Moody's Sector In-Depth Report, Sept. 8, 2015

<sup>3</sup> Calculated from Moody's Municipal Financial Ratio Analysis database of 214 Aa rated public water-sewer utilities, Dec. 17, 2015

# **JEA** Building Community

## Combined Debt Outstanding Weighted Average Interest Rates<sup>\*</sup>

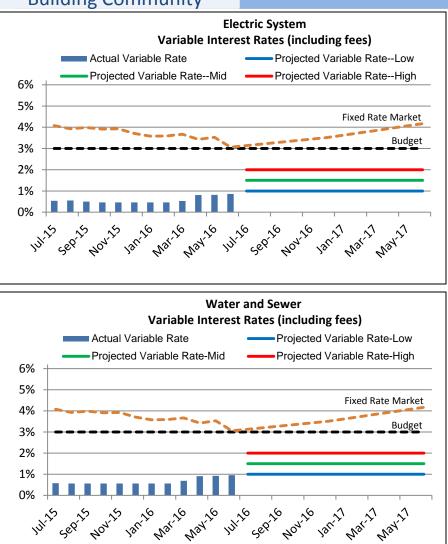


- Fiscal year end interest rates are net of BABs subsidy, original issue premiums / discounts and includes variable debt liquidity / remarketing fees and interest rate swap payments.
- – – During FY2008 FY2013 DES was funded with variable rate debt at an average of 1 percent.



## Variable Rate Debt Risk Analysis





Liquidity Facilities and Direct Purchase Bonds (DPBs)											
Bank	Long-Term Ratings Moody's/S&P/Fitch	\$ (in millions)	%								
Wells Fargo Bank N.A. (100% DPBs)	Aa2/AA-/AA	\$225	26								
JP Morgan Chase Bank N.A.	Aa3/A+/AA-	199	23								
Royal Bank of Canada	Aa3/AA-/AA	193	23								
US Bank, N.A.	A1/AA-/AA	149	18								
Sumitomo	A1/A/A	52	6								
State Street Bank	Aa3/AA-/AA	31	4								
Total		\$849									

Swap Providers			
Bank	Long-Term Ratings Moody's/S&P/Fitch	\$ (in millions)	%
Morgan Stanley Capital Services	A3/BBB+/A	\$184	35
Goldman Sachs Mitsui Marine Derivative Products	Aa2/AA-/NR	136	25
JP Morgan Chase Bank N.A.	Aa3/A+/AA-	127	24
Merrill Lynch	Baa1/BBB+/A	85	16
Total		\$532	

#### Items of Interest

Variable debt as a percentage of total debt:

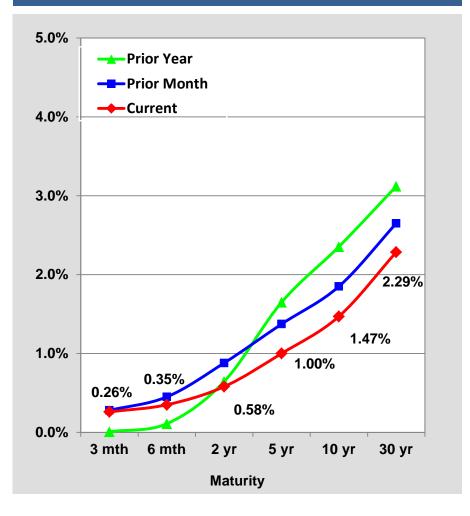
- Unhedged variable at 6% for Electric and 10% for Water and Sewer.
- Hedged variable at 14% for Electric and 7% for Water and Sewer.
- Liquidity facilities / direct purchase bonds are with highly rated providers.
- No change in swap counterparty credit quality.
- Wells Fargo direct purchase bonds three year renewal in Sep 2015.
- State Street liquidity facility renewed in Feb 2015 through March 2018.
- Variable rate reserve to mitigate risk of higher rates \$62 million.

Total variable rate debt of \$890 with \$532 swapped to fixed rate

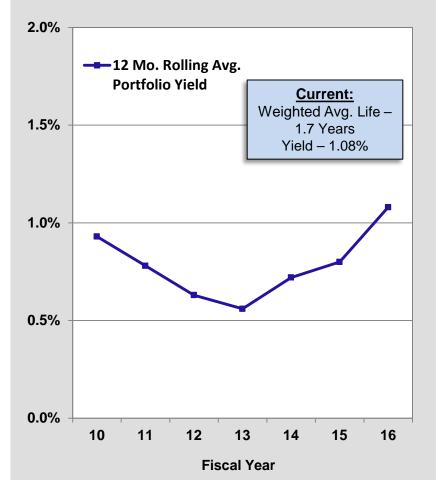


# JEA Combined Investments Outstanding

### **U. S. Treasury Yield Curve**

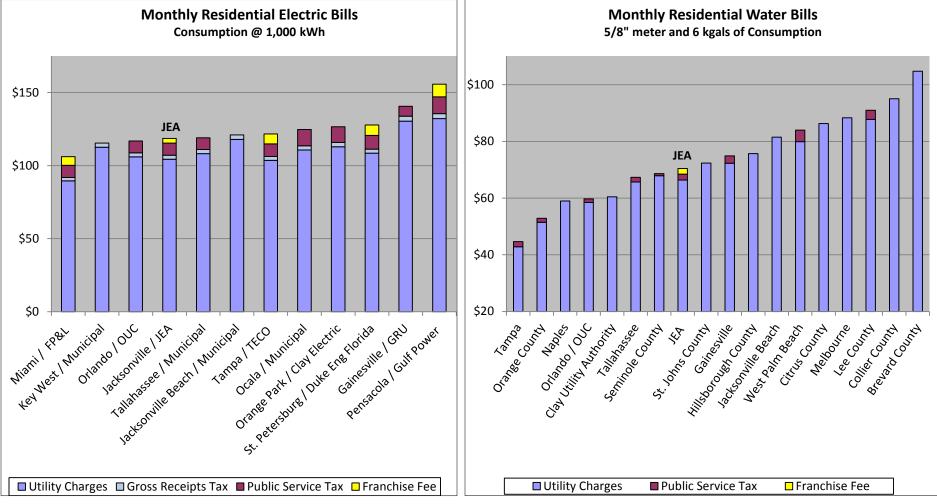


### Investment Portfolio Yield





## Florida Utilities Monthly Bill Comparison



### Monthly Financial Statements

III. A. 5. 7/19/2016

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June 2016

#### Monthly Financial Statements

#### June 2016

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### JEA Statements of Net Position (in thousands - unaudited) June 2016 and 2015 restated

· · · · ·		2016	2015 restated
Assets			
Current assets:	•		<b>^</b>
Cash and cash equivalents	\$	203,230	\$ 180,080
Investments		307,178	262,370
Customer accounts receivable, less allowance for doubtful			0/0 ==0
accounts of \$4,101 in 2016 and \$4,228 in 2015 restated		207,396	218,553
Miscellaneous accounts receivable		33,861	33,415
Interest receivable		1,908	2,420
Inventories, less reserve of \$136 in 2016 and \$471 in 2015 restated:		00.000	50.042
Fuel inventory - Electric System		66,096	58,843
Fuel inventory - Plant Scherer		6,986	4,018
Materials and supplies - Water and Sewer		45,746	43,205
Materials and supplies - Electric System		20,027	19,352
Materials and supplies - Plant Scherer		2,122	2,104
Total current assets		894,550	824,360
Noncurrent assets:			
Restricted assets:			
Cash and cash equivalents		63,755	29,177
Investments		852,916	988,115
Accounts and interest receivable		2,803	4,192
Total restricted assets		919,474	1,021,484
Costs to be recovered from future revenues		451,228	376,056
Investment in The Energy Authority		6,389	7,470
Notes receivable - City of Jacksonville		-	95
Other assets		15,570	18,845
Total noncurrent assets		1,392,661	1,423,950
Capital assets:			
Land and easements		164,325	167,377
Plant in service		10,740,277	10,598,242
Less accumulated depreciation		(5,343,403)	(4,885,284)
Plant in service, net		5,561,199	5,880,335
Construction work in progress		301,301	178,638
Net capital assets		5,862,500	6,058,973
Total assets		8,149,711	8,307,283
Deferred outflows of resources			
Unamortized losses on refundings		144,947	157,538
Accumulated decrease in fair value of interest swaps derivatives		183,809	124,665
Unrealized pension contributions and losses		83,970	39,132
Accumulated decrease in fair value of fuel hedging derivatives		1,227	1,365
Total deferred outflows of resources	<b>*</b>	413,953	322,700
Total assets and deferred outflows of resources	\$	8,563,664	\$ 8,629,983

### JEA Statements of Net Position (in thousands - unaudited) June 2016 and 2015 restated

		2016	201	5 restated
Current liabilities:	¢	77 704	¢	70 550
Accounts and accrued expenses payable	\$	77,701	\$	76,556
Customer deposits		55,688		55,853
City of Jacksonville payable		9,678		9,369
Compensated absences due within one year		4,534		6,152
State utility taxes payable		2,863		2,975
Total current liabilities		150,464		150,905
Current liabilities payable from restricted assets:				
Revenue bonds and line of credit due within one year		181,525		187,500
Renewal and replacement reserve		79,348		82,779
Interest payable		44,304		47,346
Construction contracts and accounts payable		14,191		7,027
Total current liabilities payable from restricted assets		319,368		324,652
Noncurrent liabilities:				
Net pension liability		408,629		395,990
Compensated absences due after one year		24,835		21,205
Environmental liabilities		18,556		18,662
OPEB liability				1,725
Other liabilities		2,784		3,804
Total noncurrent liabilities		454,804		441,386
Long-term debt:				
Bonds payable, less current portion		4,470,195		4,779,520
Unamortized premium, net		146,662		178,070
Fair value of debt management strategy instruments		183,809		124,665
Commercial paper notes payable		-		40,800
Total long-term debt		4,800,666		5,123,055
Total liabilities		5,725,302		6,039,998
		-, -,		
Deferred inflows of resources		504.000		450.050
Revenues to be used for future costs		524,069		459,259
Unrealized pension gains		29,796		
Total deferred inflows of resources		553,865		459,259
Net position				
Net investment in capital assets		1,429,061		1,147,370
Restricted		491,013		593,427
Unrestricted		364,423		389,929
Total net position		2,284,497		2,130,726
Total liabilities, deferred inflows of resources, and net position	\$	8,563,664	\$	8,629,983

#### JEA Combining Statement of Net Position \_(in thousands - unaudited) June 2016

	and	Electric System and Bulk Power Supply System		and Bulk Power		and Bulk Power		SJRPP System	Elimination of Intercompany transactions	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	District Energy System Fund	Total JE	EA
Assets Current assets:														
Cash and cash equivalents	\$	122,462	¢	25,011	\$ -	\$ 147,473	\$ 51,668	\$ 4.089	\$ 203,2	220				
Investments	φ	292,071	φ	11,199	φ - -	<sup>5</sup> 147,473 303,270	а 3,908		φ 203,2 307,1	<b>'</b>				
Customer accounts receivable, less allowance for doubtful accounts of \$4,101		169,175		11,199	-	169,175	37,767		207,	<b>'</b>				
Miscellaneous accounts receivable		20,253		28,247	(15,629)	32,871	990		,	,861				
Interest receivable		1,022		20,247	(13,023)	1,053	855			,908				
Inventories, less reserve of \$136:		1,022		51		1,000	000		1,	300				
Fuel inventory - Electric System		32,809		33,287	_	66,096	_	_	66 (	.096				
Fuel inventory - Plant Scherer		6,986		55,207	-	6,986				,986				
Materials and supplies - Water and Sewer		0,300			_	0,300	45,746			,300				
Materials and supplies - Water and Sewer		-		- 20,027	-	- 20,027	45,740	-	,	,740				
Materials and supplies - Plant Scherer		2.122		20,027	-	2,122	-	-	,	,027				
Total current assets		646,900		117,802	(15,629)	749,073	140,934	4.543	<u>2,</u> 894,					
		040,900		117,002	(13,029)	749,073	140,934	4,040	094,	550				
Noncurrent assets:														
Restricted assets:				50.040		50.040		0.450						
Cash and cash equivalents		-		59,916	-	59,916	681	3,158	,	,755				
Investments		319,425		192,050	-	511,475	341,441	-	852,9					
Accounts and interest receivable		1,003		624	-	1,627	1,176			,803				
Total restricted assets		320,428		252,590	-	573,018	343,298	3,158	919,4	474				
Costs to be recovered from future revenues		228,287		6,694	-	234,981	216,247	-	451,2	,228				
Investment in The Energy Authority		6,389		-	-	6,389	-	-	6,3	,389				
Other assets		8,699		-	-	8,699	6,871	-	15,5	,570				
Total noncurrent assets		563,803		259,284	-	823,087	566,416	3,158	1,392,6	661				
Capital assets:														
Land and easements		95,177		6,660	-	101,837	59,437		164,3					
Plant in service		5,143,756		1,346,395	-	6,490,151	4,196,464	53,662	10,740,2	,277				
Less accumulated depreciation		(2,639,977)		(834,483)	-	(3,474,460)	(1,847,701)	) (21,242)	(5,343,4	,403)				
Plant in service, net		2,598,956		518,572	-	3,117,528	2,408,200	35,471	5,561,1	,199				
Construction work in progress		148,525		16,403	-	164,928	135,234	1,139	301,3	,301				
Net capital assets		2,747,481		534,975	-	3,282,456	2,543,434		5,862,5	,500				
Total assets		3,958,184		912,061	(15,629)	4,854,616	3,250,784	44,311	8,149,7	711				
Deferred outflows of resources														
Unamortized losses on refundings		81,183		16,506	-	97,689	47,045	213	144,9	,947				
Accumulated decrease in fair value of interest swaps derivatives		147,958		-	-	147,958	35,851	-	183,8	,809				
Unrealized pension contributions and losses		48,712		4,115	-	52,827	31,143	-	83,9	,970				
Accumulated decrease in fair value of fuel hedging derivatives	_	1,227		-	-	1,227	-	-		,227				
Total deferred outflows of resources	_	279,080		20,621	-	299,701	114,039	213	413,9	,953				
Total assets and deferred outflows of resources	\$	4,237,264	\$	932,682	\$ (15,629)	\$ 5,154,317	\$ 3,364,823	\$ 44,524	\$ 8,563,6	,664				

#### JEA Combining Statement of Net Position (in thousands - unaudited) June 2016

· · · ·	Electric System and Bulk Power Supply System	SJRPP System	Elimination of Intercompany transactions	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	District Energy System Fund	Total JEA
Liabilities							
Current liabilities:							
Accounts and accrued expenses payable	\$ 61,440	\$ 7,439	\$ (2,325)			\$ 14	\$ 77,701
Customer deposits	41,903	-	-	41,903	13,785	-	55,688
City of Jacksonville payable	7,643	-	-	7,643	2,035	-	9,678
Compensated absences due within one year	1,824	1,486	-	3,310	1,217	7	4,534
State utility taxes payable	2,863	-		2,863	-	-	2,863
Total current liabilities	115,673	8,925	(2,325)	122,273	28,170	21	150,464
Current liabilities payable from restricted assets:							
Revenue bonds and line of credit due within one year	102,240	43,785	-	146,025	33,875	1,625	181,525
Renewal and replacement reserve	-	79,348	-	79,348	-	-	79,348
Interest payable	22,435	5,329	-	27,764	16,190	350	44,304
Construction contracts and accounts payable	6,589	15,277	(13,304)	8,562	5,617	12	14,191
Total current liabilities payable from restricted assets	131,264	143,739	(13,304)	261,699	55,682	1,987	319,368
Noncurrent liabilities:							
Net pension liability	246,724	4,163	-	250,887	157,742	-	408,629
Compensated absences due after one year	17,286	1,120	-	18,406	6,388	41	24,835
Environmental liabilities	18,556	-	-	18,556	-	-	18,556
Other liabilities	1,227	-	-	1,227	1,557	-	2,784
Total noncurrent liabilities	283,793	5,283	-	289,076	165,687	41	454,804
Long-term debt:							
Bonds payable, less current portion	2,369,215	450,215	-	2,819,430	1,612,640	38,125	4,470,195
Unamortized premium (discount)	72,139	18,705	-	90,844	55,862	(44)	146,662
Fair value of debt management strategy instruments	147,958	-	-	147,958	35,851	-	183,809
Total long-term debt	2,589,312	468,920	-	3,058,232	1,704,353	38,081	4,800,666
Total liabilities	3,120,042	626,867	(15,629)	3,731,280	1,953,892	40,130	5,725,302
Deferred inflows of resources							
Revenues to be used for future costs	336,718	162,556	-	499,274	24,795	-	524,069
Unrealized pension gains	16,446	2,835	-	19,281	10,515	-	29,796
Total deferred inflows of resources	353,164	165,391	-	518,555	35,310	-	553,865
Net position			-				
Net investment in capital assets	311,783	(1,029)	-	310,754	1,121,202	(2,895)	1,429,061
Restricted	232,560	29,885	-	262,445	225,760	2,808	491,013
Unrestricted	219,715	111,568	-	331,283	28,659	4,481	364,423
Total net position	764,058	140,424	-	904,482	1,375,621	4,394	2,284,497
Total liabilities, deferred inflows of resources, and net position	\$ 4,237,264	\$ 932,682	\$ (15,629)	\$ 5,154,317	\$ 3,364,823	\$ 44,524	\$ 8,563,664

JEA Combining Statement of Net Position (in thousands - unaudited) June 2015 restated

					Total	Water and		
	Elect	ric System		Elimination of	Electric	Sewer	District	
		Bulk Power	SJRPP	Intercompany	Enterprise	Enterprise	Energy	
		ly System	System	transactions	Fund	Fund	System Fund	Total JEA
Assets			-,				-,	
Current assets:								
Cash and cash equivalents	\$	97,230	\$ 33,418	\$-	\$ 130,648	\$ 45,089	\$ 4,343	\$ 180,080
Investments		229,953	32,417	-	262,370	-	-	262,370
Customer accounts receivable, less allowance for doubtful accounts of \$4,228		178,111	-	-	178,111	40,315	127	218,553
Miscellaneous accounts receivable		14,935	29,246	(13,990)	30,191	3,224	-	33,415
Interest receivable		1,415	53	-	1,468	952	-	2,420
Inventories, less reserve of \$471:								
Fuel inventory - Electric System		33,398	25,445	-	58,843	-	-	58,843
Fuel inventory - Plant Scherer		4,018	-	-	4,018	-	-	4,018
Materials and supplies - Water and Sewer		-	-	-	-	43,205	-	43,205
Materials and supplies - Electric System		-	19,352	-	19,352	-	-	19,352
Materials and supplies - Plant Scherer		2,104	-	-	2,104	-	-	2,104
Total current assets		561,164	139,931	(13,990)	687,105	132,785	4,470	824,360
Noncurrent assets:								
Restricted assets:								
Cash and cash equivalents		301	19,793	-	20,094	4,945	4,138	29,177
Investments		375,429	252,576	-	628,005	360,110		988,115
Accounts and interest receivable		1,740	787	-	2,527	1,665		4,192
Total restricted assets		377,470	273,156	-	650,626	366,720		1,021,484
Costs to be recovered from future revenues		229,371	9,318	-	238,689	137,367	-	376,056
Investment in The Energy Authority		7,470		-	7,470	- ,	-	7,470
Notes receivable - City of Jacksonville		-	-	-	-	95	-	95
Other assets		8,759	-	-	8,759	10,086	-	18,845
Total noncurrent assets		623,070	282,474	-	905,544	514,268		1,423,950
Capital assets:								
Land and easements		95,412	6,660	-	102,072	62,254	3,051	167,377
Plant in service		5,055,145	1,369,326	-	6,424,471	4,121,180	52,591	10,598,242
Less accumulated depreciation		(2,452,713)	(802,298)	-	(3,255,011)	(1,611,323)	) (18,950)	(4,885,284)
Plant in service, net		2,697,844	573,688	-	3,271,532	2,572,111	36,692	5,880,335
Construction work in progress		84,850	11,569	-	96,419	81,859	360	178,638
Capital assets, net		2,782,694	585,257	-	3,367,951	2,653,970	37,052	6,058,973
Total assets		3,966,928	1,007,662	(13,990)	4,960,600	3,301,023	45,660	8,307,283
Deferred outflows of resources								
Unamortized losses on refundings		86,231	21,459	-	107,690	49,627	221	157,538
Accumulated decrease in fair value of interest swaps derivatives		101,725	,	-	101,725	22,940		124,665
Unrealized pension contributions and losses		21,157	4,448	-	25,605	13,527	-	39,132
Accumulated decrease in fair value of fuel hedging derivatives		1,365	,	-	1,365	-	-	1,365
Total deferred outflows of resources		210,478	25,907	-	236,385	86,094	221	322,700
Total assets and deferred outflows of resources	\$	4,177,406	\$ 1,033,569	\$ (13.990)	\$ 5,196,985	\$ 3,387,117		\$ 8,629,983

#### JEA Combining Statement of Net Position (in thousands - unaudited) June 2015 restated

	Electric System and Bulk Power Supply System	SJRPP System	Elimination of Intercompany transactions	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	District Energy System Fund	Total JEA
Liabilities							
Current liabilities:	<b>^</b>	• • • • = •	<b>•</b> (0.000)	<b>•</b> •= =••	<b>^ • • • •</b>	<u> </u>	•
Accounts and accrued expenses payable	\$ 67,220 \$	\$ 4,470	\$ (3,898)		, ,	\$ 14	\$ 76,556
Customer deposits	42,419	-	-	42,419	13,434	-	55,853
City of Jacksonville payable	7,509	-	-	7,509	1,860	-	9,369
Compensated absences due within one year	3,950	1,486	-	5,436	710	6	6,152
State utility taxes payable	2,975	-	-	2,975	-	-	2,975
Total current liabilities	124,073	5,956	(3,898)	126,131	24,754	20	150,905
Current liabilities payable from restricted assets:							
Revenue bonds and line of credit due within one year	98,765	50,945	-	149,710	36,180	1,610	187,500
Renewal and replacement reserve	-	82,779	-	82,779	-	-	82,779
Interest payable	23,677	6,123	-	29,800	17,194	352	47,346
Construction contracts and accounts payable	1,442	12,054	(10,092)	3,404	3,610	13	7,027
Total current liabilities payable from restricted assets	123,884	151,901	(10,092)	265,693	56,984	1,975	324,652
Noncurrent liabilities:							
Net pension liability	235,941	9,201	-	245,142	150,848	-	395,990
Compensated absences due after one year	13,517	1,279	-	14,796	6,353	56	21,205
Environmental liabilities	18,662	-	-	18,662	-	-	18,662
OPEB liability	1,088	-	-	1,088	637	-	1,725
Other liabilities	1,365	-	-	1,365	2,439		3,804
Total noncurrent liabilities	270,573	10,480	-	281,053	160,277	56	441,386
Long-term debt:							
Bonds payable, less current portion	2,498,685	524,205	-	3,022,890	1,716,880	39,750	4,779,520
Unamortized premium (discount), net	85,480	28,908	-	114,388	63,731	(49)	178,070
Fair value of debt management strategy instruments	101,725		-	101,725	22,940	-	124,665
Commercial paper notes payable	40,800	-	-	40,800	-	-	40,800
Total long-term debt	2,726,690	553,113	-	3,279,803	1,803,551	39,701	5,123,055
Total liabilities	3,245,220	721,450		3,952,680	2,045,566	41,752	6,039,998
Deferred inflows of resources							
Revenues to be used for future costs	253,340	173,358	-	426,698	32,561	-	459,259
Total deferred inflows of resources	253,340	173,358	-	426,698	32,561	-	459,259
Net position							
Net investment in capital assets	177,948	(40,958)	) -	136,990	1,014,431	(4,051)	1,147,370
Restricted	284,347	47,023		341,462	248,179	3,786	593,427
Unrestricted	216,551	132,696	(10,092)	339,155	46,380	4,394	389,929
Total net position	678,846	132,090	(10,092)	817.607	1,308,990	4,394	2,130,726
•				- 1	\$ 3,387,117	,	
Total liabilities, deferred inflows of resources, and net position	\$ 4,177,406	\$ 1,033,569	\$ (13,990)	\$ 5,196,985	৯ 3,387,117	\$ 45,881	\$ 8,629,983

### JEA Schedule of Cash and Investments (in thousands - unaudited) June 2016

	Electric					Water and						
		stem and				otal Electric		Sewer	_	District		
		Ik Power		SJRPP		Enterprise		Enterprise	En	ergy System		
	Sup	ply System		System		Fund		Fund		Fund	1	otal JEA
Unrestricted cash and investments												
Operations	\$	53,787	\$	11,705	\$	65,492	\$	16,996	\$	1,353	\$	83,841
Rate stabilization:												
Fuel		168,826		-		168,826		-		-		168,826
Debt management		42,126		-		42,126		20,290		2,736		65,152
Environmental		28,387		-		28,387		4,505		-		32,892
Purchased Power		35,943		-		35,943		-		-		35,943
DSM/Conservation		3,075		-		3,075		-		-		3,075
Total rate stabilization funds		278,357		-		278,357		24,795		2,736		305,888
General reserve		-		24,505		24,505		-		-		24,505
Customer deposits		41,757		-		41,757		13,785		-		55,542
Self insurance reserve funds:												
Self funded health plan		12,076		-		12,076		-		-		12,076
Property insurance reserve		10,000		-		10,000		-		-		10,000
Total self insurance reserve funds		22,076		-		22,076		-		-		22,076
Environmental liability reserve		18,556		-		18,556		-		-		18,556
Total unrestricted cash and investments	\$	414,533	\$	36,210	\$	450,743	\$	55,576	\$	4,089	\$	510,408
Restricted assets												
Renewal and replacement funds	\$	152,398	\$	79,240	\$	231,638	\$	185,233	\$	1,590	\$	418,461
Debt service reserve account		65,433		137,512		202,945		108,086		-		311,031
Debt service funds		97,918		33,393		131,311		41,187		1,568		174,066
Construction funds		· -		-		-		681		-		681
Environmental funds		-		-		-		975		-		975
Subtotal		315,749		250,145		565,894		336,162		3,158		905,214
Unrealized holding gain (loss) on investments		3,676		(451)		3,225		5,960		-		9,185
Other funds		-		2,272		2,272		-		-		2,272
Total restricted cash and investments	\$	319,425	\$	251,966	\$	571,391	\$	342,122	\$	3,158	\$	916,671

NA/-

## JEA Schedule of Cash and Investments (in thousands - unaudited) June 2015 restated

	Sy: Bu	Electric stem and Ik Power oly System	SJRPP System	-	otal Electric Enterprise Fund	Water and Sewer Enterprise Fund	trict Energy stem Fund	1	Fotal JEA
Unrestricted cash and investments									
Operations	\$	53,098	\$ 7,413	\$	60,511	\$ 11,365	\$ 1,606	\$	73,482
Rate stabilization:									
Fuel		116,451	-		116,451	-	-		116,451
Debt management		42,126	-		42,126	20,290	2,737		65,153
Environmental		21,644	-		21,644	-	-		21,644
Purchased Power		12,000	-		12,000	-	-		12,000
DSM/Conservation		3,193	-		3,193	-	-		3,193
Total rate stabilization funds		195,414	-		195,414	20,290	2,737		218,441
General reserve		-	58,422		58,422	-	-		58,422
Customer deposits		42,246	-		42,246	13,434	-		55,680
Self insurance reserve funds:									
Self funded health plan		7,763	-		7,763	-	-		7,763
Property insurance reserve		10,000	-		10,000	-	-		10,000
Total self insurance reserve funds		17,763	-		17,763	-	-		17,763
Environmental liability reserve		18,662	-		18,662	-	-		18,662
Total unrestricted cash and investments	\$	327,183	\$ 65,835	\$	393,018	\$ 45,089	\$ 4,343	\$	442,450
Restricted assets									
Renewal and replacement funds	\$	206,288	\$ 82,601	\$	288,889	\$ 187,349	\$ 2,578	\$	478,816
Debt service reserve account		69,446	136,366		205,812	114,182	-		319,994
Debt service funds		96,135	39,436		135,571	43,755	1,560		180,886
Environmental funds		-	-		-	16,057	-		16,057
Construction funds		(33)	229		196	664	-		860
Subtotal		371,836	258,632		630,468	362,007	4,138		996,613
Unrealized holding gain (loss) on investments		3,585	(1,594)		1,991	2,978	-		4,969
Other funds		309	15,331		15,640	70	-		15,710
Total restricted cash and investments	\$	375,730	\$ 272,369	\$	648,099	\$ 365,055	\$ 4,138	\$	1,017,292

## JEA Regulatory Accounting Balances (in thousands - unaudited) June 2016

DESCRIPTION	Electric System and Bulk Power Supply System	SJRPP System	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	Total JEA
Pension	214,133	2,883	217,016	136,905	353,921
Environmental	-	-	-	79,099	79,099
Scherer	11,912	-	11,912	-	11,912
Bond issue costs	2,242	3,811	6,053	243	6,296
Costs to be recovered from future revenues	228,287	6,694	234,981	216,247	451,228
SJRPP	-	162,556	162,556	-	162,556
Fuel	168,826	-	168,826	-	168,826
Debt management	42,126	-	42,126	20,290	62,416
Scherer	46,285	-	46,285	-	46,285
Purchased power	35,943	-	35,943	-	35,943
Environmental	28,387	-	28,387	4,505	32,892
Health self-insurance	12,076	-	12,076	-	12,076
DSM	3,075	-	3,075	-	3,075
Revenues to be used for future costs	336,718	162,556	499,274	\$ 24,795	524,069

JEA Regulatory Accounting Balances (in thousands - unaudited) June 2015 restated

DESCRIPTION	Electric System and Bulk Power Supply System	SJRPP System	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	Total JEA
Pension	214.459	4.754	219.213	137.113	356,326
Scherer	13.174	-	13,174	-	13,174
Bond issue costs	1,738	4,564	6,302	254	6,556
Costs to be recovered from future revenues	229,371	9,318	238,689	137,367	376,056
SJRPP	-	173,358	173,358	-	173,358
Fuel	116,451	-	116,451	-	116,451
Debt management	42,126	-	42,126	20,290	62,416
Scherer	50,163	-	50,163	-	50,163
Purchased power	12,000	-	12,000	-	12,000
Environmental	21,644	-	21,644	12,271	33,915
Health self-insurance	7,763	-	7,763	-	7,763
DSM	3,193	-	3,193	-	3,193
Revenues to be used for future costs	253,340	173,358	426,698	\$ 32,561	459,259

### JEA Statements of Revenues, Expenses and Changes in Net Position (in thousands - unaudited)

,		Мс	onth		Year-T	o-Da	ate
			ine			ne	( <b>F</b>
On another account of		2016	2015 restated		2016	20'	15 restated
Operating revenues	•	77 500	<b>• -7</b> 4,400	•	500 400	•	500.000
Electric - base	\$	77,583	. ,	\$	563,133	\$	566,906
Electric - fuel and purchased power		50,275	51,826		353,963		408,143
Water and sewer		36,348	34,308		301,659		282,311
District energy system		777	798		6,105		6,093
Other		2,734	2,859		23,820		26,873
Total operating revenues		167,717	164,277		1,248,680		1,290,326
Operating expenses							
Operations:							
Fuel		39,300	44,100		278,376		339,540
Purchased power		8,688	4,727		49,996		37,018
Other		18,458	20,808		202,979		183,018
Depreciation		32,633	30,414		285,969		274,946
Maintenance		11,900	8,122		77,698		80,888
State utility and franchise taxes		6,584	6,789		49,547		51,179
Recognition of deferred costs and revenues, net		(170)	(1,045)		(5,250)		(8,237)
Total operating expenses		117,393	113,915		939,315		958,352
Operating income		50,324	50,362		309,365		331,974
Nonoperating revenues (expenses)							
Interest on debt		(14,429)	(15,083)		(123,657)		(133,563)
Debt management strategy		(1,499)			(14,344)		(14,581)
Net increase (decrease) in fair value of investments		1,296	(4,147)		3,292		(578)
Investment income		596	1,095		9,578		8,195
Other revenue		699	1,708		7,757		8,240
Allowance for funds used during construction		872	532		6,384		3,733
Loss on sale of asset					0,004		(78)
Earnings from The Energy Authority		1,282	411		4,163		1,351
Other interest, net		(40)			(343)		(52)
Other expense		(40)	(10)		(277)		(32)
Total nonoperating expenses, net		(11,255)	(17,153)		(107,447)		(127,356)
Income before contributions and special item		39,069	33,209		201,918		204,618
income before commodions and special item		39,009	33,203		201,910		204,010
Contributions (to) from							
General Fund, City of Jacksonville, Florida		(9,516)	(9,307)		(100,641)		(83,765)
Developers and other		3,016	5,137		42,270		40,703
Reduction of plant cost through contributions		(1,026)	(3,508)		(25,959)		(26,221)
Total contributions		(7,526)	(7,678)		(84,330)		(69,283)
Special Item		-	-		-		151,490
Change in net position		31,543	25,531		117,588		286,825
Net position, beginning of period		2,252,954	2,105,195		2,166,909		1,843,901
Net position, end of period	\$	2,284,497	\$ 2,130,726	\$	2,284,497	\$	2,130,726
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#### JEA Combining Statement of Revenues, Expenses and Changes in Net Position (in thousands - unaudited) for the month ended June 2016

	Electric System and Bulk Power Supply System	SJRPP System	Elimination of Intercompany transactions	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	District Energy System Fund	Eliminations	Total JEA
Operating revenues								
Electric - base	\$ 77,864	\$-	\$-	\$ 77,864	\$-	\$-	\$ (281)	\$ 77,583
Electric - fuel and purchased power	38,168	26,534	(13,374)	51,328	-		(1,053)	50,275
Water and sewer	-	-	-	-	36,404		(56)	36,348
District energy system	-	-	-	-	-	777	-	777
Other	2,041	-	-	2,041	874		(181)	2,734
Total operating revenues	118,073	26,534	(13,374)	131,233	37,278	777	(1,571)	167,717
Operating expenses								
Operations:								
Fuel	23,615	15,685	-	39,300	-	-	-	39,300
Purchased power	22,062	-	(13,374)	8,688	-	-	-	8,688
Other	8,549	1,835	-	10,384	9,273	372	(1,571)	18,458
Depreciation	17,113	3,563	-	20,676	11,766	191	-	32,633
Maintenance	6,780	3,582	-	10,362	1,442	96	-	11,900
State utility and franchise taxes	5,649	-	-	5,649	935	-	-	6,584
Recognition of deferred costs and revenues, net	(218)	(970)	-	(1,188)	1,018	-	-	(170)
Total operating expenses	83,550	23,695	(13,374)	93,871	24,434	659	(1,571)	117,393
Operating income	34,523	2,839	-	37,362	12,844	118	-	50,324
Nonoperating revenues (expenses)								
Interest on debt	(6,956)	(2,211)	-	(9,167)	(5,144)	(118)	-	(14,429)
Debt management strategy	(1,197)	-	-	(1,197)	(302)	-	-	(1,499)
Investment income	322	(41)	-	281	313	2	-	596
Other revenue	386	34	-	420	279		-	699
Allowance for funds used during construction	453	-	-	453	416	3	-	872
Net increase (decrease) in fair value of investments	(416)	804	-	388	908		-	1,296
Earnings from The Energy Authority	1,282	-	-	1,282	-	-	-	1,282
Other interest, net	(41)	-	-	(41)	1	-	-	(40)
Other expense	(32)	-	-	(32)	-	-	-	(32)
Total nonoperating expenses, net	(6,199)	(1,414)	-	(7,613)	(3,529)	(113)	-	(11,255)
Income before contributions and special item	28,324	1,425	-	29,749	9,315	5	-	39,069
Contributions (to) from								
General Fund, City of Jacksonville, Florida	(7,644)	-	-	(7,644)	(1,872)	-	-	(9,516)
Developers and other	-	-	-	-	3,016	-	-	3,016
Reduction of plant cost through contributions	-	-	-	-	(1,026)			(1,026)
Total contributions	(7,644)	-	-	(7,644)	118	-	-	(7,526)
Change in net position	20,680	1,425	-	22,105	9,433	5	-	31,543
Net position, beginning of period	743,378	138,999	-	882,377	1,366,188	4,389	-	2,252,954
Net position, end of period	\$ 764,058	\$ 140,424	\$-	\$ 904,482	\$ 1,375,621	\$ 4,394	\$-	\$2,284,497

#### JEA Combining Statement of Revenues, Expenses and Changes in Net Position (in thousands - unaudited) for the month ended June 2015 restated

	Electric System and Bulk Power Supply System	SJRPP System	Elimination of Intercompany transactions		Water and Sewer Enterprise Fund	District Energy System Fund	Eliminations	Total JEA
Operating revenues								
Electric - base	\$ 74,807	\$-	\$-	\$ 74,807	\$-	\$-	\$ (321)	\$ 74,486
Electric - fuel and purchased power	41,404	26,670	(15,040)	53,034	-	-	(1,208)	51,826
Water and sewer	-	-	-	-	34,348		(40)	34,308
District energy system	-	-	-	-	-	798	-	798
Other	2,165	-	-	2,165	901		(207)	2,859
Total operating revenues	118,376	26,670	(15,040)	130,006	35,249	798	(1,776)	164,277
Operating expenses								
Operations:								
Fuel	27,239	16,861	-	44,100	-		-	44,100
Purchased power	19,767	-	(15,040)	4,727	-	-	-	4,727
Other	11,063	1,948	-	13,011	9,188	385	(1,776)	20,808
Depreciation	15,616	3,601	-	19,217	11,007	190	-	30,414
Maintenance	4,718	2,091	-	6,809	1,257	56	-	8,122
State utility and franchise taxes	5,838	-	-	5,838	951	-	-	6,789
Recognition of deferred costs and revenues, net	(312)	(721)	-	(1,033)	(12)	-	-	(1,045)
Total operating expenses	83,929	23,780	(15,040)	92,669	22,391	631	(1,776)	113,915
Operating income	34,447	2,890	-	37,337	12,858	167	-	50,362
Nonoperating revenues (expenses)								
Interest on debt	(7,115)	(2,459)	-	(9,574)	(5,390)	(119)	-	(15,083)
Debt management strategy	(1,284)	-	-	(1,284)	(373)	-	-	(1,657)
Investment income	450	381	-	831	264	-	-	1,095
Other revenue	364	34	-	398	1,310		-	1,708
Allowance for funds used during construction	259	-	-	259	272	1	-	532
Net decrease in fair value of investments	(1,344)	(1,047)	-	(2,391)	(1,756)		-	(4,147)
Earnings from The Energy Authority	411	-	-	411	-	-	-	411
Other interest, net	(1)	-	-	(1)	(1)	-	-	(2)
Other expense	(10)	-	-	(10)	-		-	(10)
Total nonoperating expenses, net	(8,270)	(3,091)	-	(11,361)	(5,674)	(118)	-	(17,153)
Income before contributions	26,177	(201)	-	25,976	7,184	49	-	33,209
Contributions (to) from								
General Fund, City of Jacksonville, Florida	(7,509)	-	-	(7,509)	(1,798)	-	-	(9,307)
Developers and other	-	-	-	-	5,137	-	-	5,137
Reduction of plant cost through contributions	-	-	-	-	(3,508)	-	-	(3,508)
Total contributions	(7,509)	-	-	(7,509)	(169)	-	-	(7,678)
Change in net position	18,668	(201)	-	18,467	7,015	49	-	25,531
Net position, beginning of period	660,178	138,962	-	799,140	1,301,975	4,080	-	2,105,195
Net position, end of period	\$ 678,846	\$ 138,761	\$-	\$ 817,607	\$ 1,308,990	\$ 4,129	\$-	\$2,130,726

#### JEA Combining Statement of Revenues, Expenses and Changes in Net Position (in thousands - unaudited) for the nine months ended June 2016

	Electric System and Bulk Power Supply System	SJRPP System	Elimination of Intercompany transactions		Water and Sewer Enterprise Fund	District Energy System Fund	Eliminations	Total JEA
Operating revenues		-						
Electric - base	\$ 565,484	\$-	\$-	\$ 565,484	\$-	\$-	\$ (2,351)	\$ 563,133
Electric - fuel and purchased power	274,547	172,879	(84,621)	362,805	-	-	(8,842)	353,963
Water and sewer	-	-	-	-	302,131	-	(472)	301,659
District energy system	-	-	-	-	-	6,105	-	6,105
Other	18,249	-	-	18,249	7,194	-	(1,623)	23,820
Total operating revenues	858,280	172,879	(84,621)	946,538	309,325	6,105	(13,288)	1,248,680
Operating expenses								
Operations:								
Fuel	183,494	94,882	-	278,376	-	-	-	278,376
Purchased power	134,617	-	(84,621)	49,996	-	-	-	49,996
Other	109,636	16,564	-	126,200	87,661	2,406	(13,288)	202,979
Depreciation	145,425	32,066	-	177,491	106,760	1,718	-	285,969
Maintenance	50,658	15,645	-	66,303	10,522	873	-	77,698
State utility and franchise taxes	41,969	-	-	41,969	7,578	-	-	49,547
Recognition of deferred costs and revenues, net	(1,963)	(8,838)		(10,801)	5,551	-	-	(5,250)
Total operating expenses	663,836	150,319	(84,621)	729,534	218,072	4,997	(13,288)	939,315
Operating income	194,444	22,560	-	217,004	91,253	1,108	-	309,365
Nonoperating revenues (expenses)								
Interest on debt	(58,809)	(19,903)	) -	(78,712)	(43,886)	(1,059)	-	(123,657)
Debt management strategy	(11,234)	-	-	(11,234)	(3,110)	-	-	(14,344)
Investment income	4,499	2,616	-	7,115	2,447	16	-	9,578
Other revenue	3,478	308	-	3,786	3,971		-	7,757
Allowance for funds used during construction	3,167	-	-	3,167	3,205	12	-	6,384
Net increase in fair value of investments	442	848	-	1,290	2,002	-	-	3,292
Earnings from The Energy Authority	4,163	-	-	4,163	-	-	-	4,163
Other interest, net	(298)	-	-	(298)	(45)	-	-	(343)
Other expense	(239)	-	-	(239)		-	-	(277)
Total nonoperating expenses, net	(54,831)	(16,131)	-	(70,962)	(35,454)	(1,031)	-	(107,447)
Income before contributions	139,613	6,429	-	146,042	55,799	77	-	201,918
Contributions (to) from								
General Fund, City of Jacksonville, Florida	(80,790)	-	-	(80,790)	(19,851)	-	-	(100,641)
Developers and other	-	-	-	-	42,270	-	-	42,270
Reduction of plant cost through contributions	-	-	-	-	(25,959)	-	-	(25,959)
Total contributions	(80,790)	-	-	(80,790)		-	-	(84,330)
Change in net position	58,823	6,429	-	65,252	52,259	77	-	117,588
Net position, beginning of year	705,235	133,995	-	839,230	1,323,362	4,317	-	2,166,909
Net position, end of period	\$ 764,058	\$ 140,424	\$-	\$ 904,482	\$ 1,375,621	\$ 4,394	\$-	\$2,284,497

#### JEA Combining Statement of Revenues, Expenses and Changes in Net Position

(in thousands - unaudited) for the nine months ended June 2015 restated

	Electric System and Bulk Power Supply System	SJRPP System	Elimination of Intercompany transactions	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	District Energy System Fund	Eliminations	Total JEA
Operating revenues		-						
Electric - base	\$ 569,316	\$-	\$-	\$ 569,316	\$-	\$-	\$ (2,410)	\$ 566,906
Electric - fuel and purchased power	324,181	210,498	(117,470)	417,209	-	-	(9,066)	408,143
Water and sewer	-	-	-	-	282,694	-	(383)	282,311
District energy	-	-	-	-	-	6,093	-	6,093
Other	22,067	-	-	22,067	6,684	-	(1,878)	26,873
Total operating revenues	915,564	210,498	(117,470)	1,008,592	289,378	6,093	(13,737)	1,290,326
Operating expenses								
Operations:								
Fuel	218,925	120,615	-	339,540	-	-	-	339,540
Purchased power	154,488	-	(117,470)	37,018	-	-	-	37,018
Other	97,167	16,882	-	114,049	80,139	2,567	(13,737)	183,018
Depreciation	142,773	32,017	-	174,790	98,444	1,712	-	274,946
Maintenance	50,924	19,161	-	70,085	10,017	786	-	80,888
State utility and franchise taxes	43,736	-	-	43,736	7,443	-	-	51,179
Recognition of deferred costs and revenues, net	(2,812)	(5,340)	-	(8,152)	(85)	-	-	(8,237)
Total operating expenses	705,201	183,335	(117,470)	771,066	195,958	5,065	(13,737)	958,352
Operating income	210,363	27,163	-	237,526	93,420	1,028	-	331,974
Nonoperating revenues (expenses)								
Interest on debt	(61,895)	(23,812)	-	(85,707)	(46,789)	(1,067)	-	(133,563)
Debt management strategy	(11,613)	-	-	(11,613)	(2,968)	-	-	(14,581
Investment income	3,101	2,797	-	5,898	2,293	4	-	8,195
Other revenue	3,295	306	-	3,601	4,639	-	-	8,240
Allowance for funds used during construction	1,727	-	-	1,727	1,998	8	-	3,733
Net increase (decrease) in fair value of investments	386	(411)	-	(25)	(553)	-	-	(578)
Loss on sale of asset	(78)	-	-	(78)	-	-	-	(78
Earnings from The Energy Authority	1,351	-	-	1,351	-	-	-	1,351
Other interest, net	(51)	-	-	(51)	(1)	-	-	(52)
Other expense	(23)	-	-	(23)	-	-	-	(23)
Total nonoperating expenses, net	(63,800)	(21,120)	-	(84,920)	(41,381)	(1,055)	-	(127,356
Income before contributions and special item	146,563	6,043	-	152,606	52,039	(27)	-	204,618
Contributions (to) from								
General Fund, City of Jacksonville, Florida	(67,581)	-	-	(67,581)	(16,184)	-	-	(83,765)
Developers and other	-	-	-	-	40,703	-	-	40,703
Reduction of plant cost through contributions	-	-	-		(26,221)		-	(26,221)
Total contributions	(67,581)	-	-	(67,581)	(1,702)	-	-	(69,283)
Special Item	34,667	-	-	34,667	116,823	-	-	151,490
Change in net position	113,649	6,043	-	119,692	167,160	(27)	-	286,825
Net position, beginning of year	565,197	132,718	-	697,915	1,141,830	4,156	-	1,843,901
Net position, end of period	\$ 678,846	\$ 138,761	\$-	\$ 817,607	\$ 1,308,990	\$ 4,129	\$-	\$2,130,726

(in thousands - unaudited)				
		Year-		ate
			ine	
Operating activities	<u></u>	2016		15 restated
Receipts from customers	\$	1,266,607	\$	1,300,888
Payments to suppliers Payments to employees		(528,076)		(577,999)
Other receipts		(179,329)		(161,595)
Net cash provided by operating activities		28,815 588,017		29,868 591,162
Net cash provided by operating activities		300,017		591,102
Noncapital and related financing activities				
Contribution to General Fund, City of Jacksonville, Florida		(100,308)		(83,545)
Build America Bonds subsidies		3,625		3,628
Payment from City of Jacksonville, Florida		37		-
Net cash used in noncapital financing activities		(96,646)		(79,917)
Capital and related financing activities				
Repayment of debt principal		(187,500)		(257,869)
Interest paid on debt		(191,189)		(203,513)
Acquisition and construction of capital assets		(211,824)		(138,441)
Contribution from developers and others		<b>16</b> ,311		14,482
Proceeds from issuance of debt		3,000		156,450
Proceeds from disposal of assets		1,207		(321)
Debt issue costs and discounts		(17)		10,243
Defeasance of debt		-		(160,968)
Net cash used in capital and related financing activities		(570,012)		(579,937)
Investing activities				
Purchase of investments		(1,493,969)		(1,389,383)
Proceeds from sale and maturities of investments		1,188,531		1,068,309
Investment income		9,725		7,449
Distributions from The Energy Authority		5,265		1,952
Net cash used in investing activities		(290,448)		(311,673)
·				· · ·
Net change in cash and cash equivalents		(369,089)		(380,365)
Cash and cash equivalents, beginning of year		636,074		589,622
Cash and cash equivalents, end of period	\$	266,985	\$	209,257
Reconciliation of operating income to net cash provided by operating a	activi	ties		
Operating income	\$	309,365	\$	331,974
Adjustments:				
Depreciation and amortization		288,800		276,055
Recognition of deferred costs and revenues, net		(5,250)		(8,237)
Gain on sale of noncore assets		2,015		2,775
Changes in noncash assets and noncash liabilities:				
Accounts receivable		4,649		(16,270)
Accounts receivable, restricted		2,980		153
Inventories		(11,403)		9,367
Other assets		(432)		(236)
Accounts and expenses payable		(21,529)		(11,299)
Liabilities payable, restricted		(8,305)		(8,837)
Other noncurrent liabilities and deferred inflows		27,127		15,717
Net cash provided by operating activities	\$	588,017	\$	591,162
Noncash activity				
Contribution of capital assets from developers	\$	25,959	\$	26,221
· · ·				

#### JEA Combining Statement of Cash Flows (in thousands - unaudited) for the nine months ended June 2016

	В	Electric /stem and ulk Power oply System		SJRPP System	Int	limination of tercompany ansactions		Total Electric Interprise Fund		Vater and Sewer nterprise Fund	E S	District Energy System Fund	E	liminations	Тс	otal JEA
Operating activities															<b>.</b> .	
Receipts from customers	\$	876,053	\$	172,879	\$	(80,822)	\$		\$		\$	6,615	\$	( , ,		
Payments to suppliers		(411,446)		(144,096)		80,822		(474,720)				(2,916)		13,288		(528,076)
Payments to employees		(117,222)		(18,838)		-		(136,060)				(388)		-		(179,329)
Other receipts		19,950		-		-		,	\$	,		-		(1,623)		28,815
Net cash provided by operating activities		367,335		9,945		-		377,280		207,426		3,311		-		588,017
Noncapital and related financing activities																
Contribution to General Fund, City of Jacksonville, Florida		(80,656)		-		-		(80,656)		(19,652)		-		-		(100,308)
Build America Bonds subsidies		2,169		205		-		2,374		1,251		-		-		3,625
Payment from the City of Jacksonville, Florida		37		-		-		37		-		-		-		37
Net cash used in noncapital financing activities		(78,450)		205		-		(78,245)		(18,401)		-		-		(96,646)
Capital and related financing activities																
Repayment of debt principal		(98,765)		(50,945)		-		(149,710)		(36,180)		(1,610)		-		(187,500)
Interest paid on debt		(100,073)		(22,095)		-		(122,168)		(67,617)		(1,404)		-		(191,189)
Acquisition and construction of capital assets		(113,778)		-		-		(113,778)		(96,706)		(1,340)		-		(211,824)
Contribution from developers and others		-		-		-		-		16,311		-		-		16,311
Proceeds from issuance of debt		-		-		-		-		3,000		-		-		3,000
Proceeds from disposal of assets		524		-		-		524		683		-		-		1,207
Debt issue costs and discounts		(17)		_				(17)		-				_		(17)
Net cash used in capital and related financing activities		(312,109)		(73,040)		-		(385,149)		(180,509)		(4,354)		-		(570,012)
Investing activities Purchase of investments Proceeds from sale and maturities of investments Investment income Distributions from The Energy Authority Net cash used in investing activities		(766,765) 586,642 4,465 5,265 (170,393)		(311,226) 316,130 2,995 - 7,899		- - - -		(1,077,991) 902,772 7,460 5,265 (162,494)		(415,978) 285,759 2,249 - (127,970)		- - 16 -			<b>`</b> 1	,493,969) ,188,531 9,725 5,265 (290,448)
·				,												<u> </u>
Net change in cash and cash equivalents		(193,617)		(54,991)		-		(248,608)		(119,454)		(1,027)		-		(369,089)
Cash and cash equivalents, beginning of year		316,079		139,918	_	-		455,997		171,803	_	8,274		-		636,074
Cash and cash equivalents, end of period	\$	122,462	\$	84,927	\$	-	\$	207,389	\$	52,349	\$	7,247	\$	-	\$	266,985
Reconciliation of operating income to net cash provided by operating	-															
Operating income Adjustments:	\$	194,444	\$	22,560	\$	-	\$	217,004	\$	91,253	\$	1,108	\$	-	\$	309,365
Depreciation and amortization		145,425		32,066		-		177,491		109,591		1,718				288,800
Recognition of deferred costs and revenues, net		(1,963)		(8,838)		-		(10,801)		5,551				-		(5,250)
Gain on sale of noncore assets		(42)		(0,000)		-		(42)		2,057		-		-		2,015
Changes in noncash assets and noncash liabilities:		()						()		2,001						2,010
Accounts receivable		14,851		(7,623)		-		7,228		(3,089)		510		-		4,649
Accounts receivable, restricted		1,743		(.,020)		-		1,743		1,237		-		-		2,980
Inventories		(3,513)		(4,910)				(8,423)		(2,980)				_		(11,403)
Other assets		(3,313)		(-,,,,,,,)		-		(304)		(128)		-				(11,403)
Accounts and expenses payable		(7,872)		(14,796)		-		(22,668)		1,148		(9)				(432)
Liabilities payable, restricted		(1,012)		(14,790) (8,305)				(8,305)		1,140		(3)				(8,305)
Other noncurrent liabilities and deferred inflows		24,566		(8,303)		-		24,357		2,786		(16)				(8,303) 27,127
Net cash provided by operating activities	\$	367,335	\$	9,945	\$	-	\$		\$	207,426	\$	3,311	\$		\$	588,017
Noncash activity Contribution of capital assets from developers	\$	-	\$	-	\$	-	\$	-	\$	25,959	\$	-	\$	-	\$	25,959
	Ŷ		Ψ		Ψ		Ψ		Ψ	20,000	Ψ		Ψ		Ψ	_0,000

### JEA Combining Statement of Cash Flows (in thousands - unaudited) for the nine months ended June 2015 restated

Noncapital and related financing activities         (67,349)         -         (67,349)         -         (67,349)         -         (63,344)         -         (63,345)           Capital and related financing activities         (65,199)         204         -         (23,44)         -         (33,42)           Capital and related financing activities         (79,854)         (13,20,85)         -         (14,952)         -         (79,81)           Capital and related financing activities         (79,854)         (132,085)         -         (13,3511)         (66,509)         (14,13)         (227,86)           Interest paid on debt         (106,285)         (27,246)         -         (13,3511)         (66,509)         (14,13)         (223,610)         -         (13,84)           Proceeds from dipograpid of assets         (71)         -         -         (71,73)         (66,509)         -         (10,90)         -         113,90         -         -         113,90         -         -         113,90         -         -         113,90         -         -         113,90         -         -         113,90         -         -         113,90         -         -         113,90         -         -         113,90         -         -		Sy Bເ	Electric stem and Ilk Power ply System	SJRPP System	In	Elimination of ntercompany transactions		Total Electric nterprise Fund		Vater and Sewer Interprise Fund	E S	District Inergy System Fund	EI	liminations	1	Fotal JEA
Payments to suppliers         (44, 871)         (112, 874)         (522, 418)         (65, 255)         (2, 983)         (13, 737)         (577, 989)           Phyments to employees         (11, 253)         -         -         (12, 324)         -         (13, 247)         -         (13, 247)         -         (13, 737)		¢	015 402	¢ 210 409	¢	(112 074)	¢	1 012 027	¢	202 955	¢	6 965	¢	(11 950)	¢	1 200 000
Payments to employees         (102,253)         (112,302)         (13,144)         (139)         (151,58)           Note rotepity Not cash provided by operating activities         370,808         8,278         -         21,539         1,020         -         1,123,052         1,021,07         -         1,125,08         2,015,09         3,513         -         591,162           Noncapital financing activities         2,180         2,04         -         2,384         1,244         -         -         3,622           Capital and related financing activities         (102,055)         -         (113,052)         -         (113,052)         -         (113,052)         -         (113,052)         -         (113,052)         -         (113,052)         -         (113,052)         -         (113,052)         -         (113,052)         -         (113,052)         -         (113,052)         -         (113,051)         (113,051)         (113,051)         (113,052)         -         -         (113,052)         -         (113,052)         -         (113,052)         -         -         (114,952)         -         -         (114,952)         -         -         (114,952)         -         -         (114,952)         -         -         (114,952		φ	,	. ,			φ	, ,	φ	,	φ	,	φ	( , ,	φ	
Other receipts         1         21.539         1         21.539         10.207         11.707         12.839         10.207         11.707         12.839         10.207         11.707         12.839         10.207         11.707         12.839         10.207         11.707         12.839         10.207         11.707         12.839         10.207         11.707         12.839         10.207         11.707         12.839         10.207         11.707         12.839         10.207         11.707         12.839         10.207         11.707         12.839         10.207         11.707         12.839         10.207         11.707         12.839         10.207         11.707         12.839         10.207         11.707         12.839         10.807 <td></td> <td></td> <td></td> <td></td> <td></td> <td>112,074</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>13,737</td> <td></td> <td></td>						112,074								13,737		
Net cash provided by operating activities         370.808         8.278         -         370.808         2.08.563         3.513         -         591.16           Noncapital and related financing activities         67.349)         -         -         67.349)         -         -         63.344           Build America Bonds subsidies         2.160         2.04         -         2.384         1.244         -         3.351         -         3.617           Capital and related financing activities         (65.169)         2.04         -         (64.955)         (14.952)         -         (79.81)           Capital and related financing activities         (79.854)         (132.085)         -         (21.939)         (44.325)         (1.605)         -         (27.864)           Acquisition and construction of capital assets         (71.573)         -         -         (71.573)         -         -         (14.482         -         14.482           Contribution from developest and asters         (511)         0.497         -         (511)         10.497         -         (102.986)         -         10.428           Pote State costs and discounts         (25.043)         (135.050)         -         (1.09.96         -         -         1.298				(10,733)								(303)		(1 878)		
Contribution to General Fund, City of Jacksanville, Florida         (67,349)         -         (67,349)         -         (67,349)         -         (63,345)           Net cash used in noncapital financing activities         (65,199)         204         -         (28,48)         -         3,22           Capital and related financing activities         (65,199)         204         -         (21,939)         (14,352)         -         -         (79,8154)           Capital and related financing activities         (106,265)         (21,939)         (14,352)         1.065)         -         (25,786)           Interest paid on debt         (106,265)         (27,246)         -         (133,611)         (65,589)         (14,13)         -         (23,786)           Proceeds from issuance of debt         (63,325)         7,3125         -         16,442         -         -         14,482           Proceeds from isposal of assets         (511)         -         -         (10,249)         (14,1553)         -         -         (10,249)           Debt issue costs and discounts         (41,047)         -         (0,511)         (1,366)         -         (12,491)           Proceeds from isposal of debt         (225,043)         (153,510)         -         (1,30,861)	Net cash provided by operating activities			8,278								3,513				591,162
Contribution to General Fund, City of Jacksonville, Florida         (67,349)         -         (67,349)         -         (67,349)         -         (67,349)         -         (73,941)           Not cash used in noncapital financing activities         (65,169)         204         -         (28,95)         (14,952)         -         (73,91)           Capital and related financing activities         (106,265)         (27,246)         -         (133,151)         (65,589)         (14,132)         -         -         (138,44)           Proceeds from issuance of debt         (106,265)         (27,246)         -         (14,422)         -         158,450         -         -         158,450         -         -         164,48           Proceeds from disposal of assets         (71,773)         (65,169)         -         -         -         14,482         -         -         14,482           Proceeds from disposal of assets         (511)         -         -         (10,270)         2         -         -         (10,24)           Purchase and metwites of investments         (350,69)         (77,401)         -         (10,39,46)         -         -         -         1,082,06           Proceeds from disposal of assets         (512,990)         (56,649)	Neversited and related financing activities															
Build America Bond's subsidies         2.180         204         2.284         1.244         -         -         3.622           Capital and related financing activities         (65,169)         204         -         (64,965)         (14,952)         -         (79,854)           Repayment of debt principal         (79,854)         (122,085)         -         (211,939)         (44,325)         (1,605)         -         (27,936)           Acquisition and construction of capital assets         (71,573)         -         -         (71,573)         (66,520)         (348)         -         (138,44)           Proceeds from disposal of assets         (511)         -         156,450         -         -         (14,482)         -         -         (14,482)         -         -         158,45           Proceeds from disposal of assets         (511)         -         -         (14,482)         -         -         (102,490)           Det issue costs and discounts         4         10,497         10,501         (258,043)         -         -         (102,490)           Det assue of debt         (83,191)         -         -         (102,490)         (411,553)         (165,018)         (33,66)         -         1(024,020)			(67.240)					(67.240)		(16 106)						(02 E / E
Not cash used in noncapital financing activities         (65,169)         204         -         (64,965)         (14,952)         -         -         (79,91)           Capital and related financing activities         Repayment of debt principal         (79,864)         (132,085)         -         (143,952)         -         -         (79,91)           Acquisition and construction of capital assets         (71,573)         -         -         (14,732)         -         -         14,482         -         14,482           Proceeds from issuance of debt         83,325         73,125         156,640         -         -         14,482           Proceeds from disposal of assets         (511)         -         -         (10,0970)         2         -         160,069           Debt issue costs and discourts         (41,0497         -         (10,0970)         2         -         -         (10,096)           Not cash used in machines of investments         (512,990)         (506,6459)         -         -         1,068,200         -         -         1,068,200         -         -         1,068,200         -         -         1,068,200         -         -         1,068,200         -         -         1,068,200         -         -         1,068,200<				-		-						-		-		
Capital and related financing activities         (79,854)         (132,085)         (211,939)         (44,325)         (1,605)         :         (237,861)           Acquisition and construction of capital assets         (71,573)         -         (71,573)         (66,520)         (348)         -         (138,44)           Proceeds from surance of debt         83,325         73,125         -         156,450         -         -         156,450           Contribution from developers and others         -         -         14,482         -         -         14,482         -         -         14,482         -         -         14,482         -         -         16,450           Debt issue costs and discounts         4         10,497         10,501         (258,043)         -         10,241           Detristae costs and discounts         (512,990)         (506,459)         -         (1,019,449)         (360,934)         -         -         1,038,38           Proceads from sale and maturities of investments         (512,990)         (506,459)         -         1,012,411,475         -         1,038,38         -         1,048,303         -         7,1439         -         -         1,038,303         -         5,241         -         -         1,			,			-						-		-		
Repsymment of debt principal       (79,854)       (13,2085)       -       (211,939)       (14,325)       (1,605)       -       (257,845)         Acquisition and construction of capital assets       (71,573)       -       -       (71,573)       (66,820)       (348)       -       1(38,47)         Acquisition and construction of capital assets       (71,573)       -       -       (71,573)       (66,820)       (348)       -       1(38,47)         Proceeds from disposal of assets       (511)       -       -       (511)       1(30,97)       -       1(32,085)       -       1(32,085)       -       102,42         Delissue costs and discounts       (631,19)       -       (511)       -       (511)       -       102,42       -       -       102,44         Delessance of debt       (63,199)       (77,801)       -       (610,970)       2       -       -       (10,98,934)       -       -       10,98,934       -       -       10,98,934       -       -       10,98,934       -       -       10,98,934       -       -       10,98,934       -       -       10,98,934       -       -       10,98,934       -       -       10,98,934       -       -       10,98,934	Net cash used in noncapital linancing activities		(65,169)	204		-		(64,965)		(14,952)		-		-		(79,917
Interest paid on debt       (106,265)       (27,246)       -       (133,511)       (68,589)       (1,413)       -       (203,511)         Acquisition and construction of capital assets       (71,573)       -       (71,573)       (66,500)       (34,48)       -       (138,44)         Proceeds from disposal of assets       (511)       -       -       14,482       -       -       (14,48)         Proceeds from disposal of assets       (511)       -       -       (611)       190       -       -       (12,48)         Defeasance of debt       (83,169)       (77,801)       -       (160,0970)       2       -       -       (10,028)         Net cash used in capital and related financing activities       (512,990)       (506,455)       -       (1,019,449)       (369,394)       -       -       (1,389,386)         Proceeds from sale and maturities of investments       380,890       433,886       -       814,785       253,524       -       -       1,068,300         Net cash used in investing activities       (127,497)       (69,701)       -       1,1019,419       (44       -       (311,67)         Net cash used in investing activities       (127,497)       (69,701)       -       164,742       50,004			( <b></b>	<i></i>						<i></i>		<i></i>				<i></i>
Acquisition and construction of capital assets       (71,573)       -       -       (71,573)       -       -       (71,573)       (66,520)       (348)       -       (138,44)         Proceeds from developers and others       -       -       -       -       14,482       -       -       14,442       -       14,442       -       14,442       -       14,442       -       14,442       -       14,442       -       14,442       -       14,442       -       14,442       -       14,442       -       14,442       -       14,442       -       14,442       -       14,442       -       14,442       -       14,442       -       14,442       -       14,442       -       14,242       -       14,242       -       14,242       -       14,242       -       14,242       -       14,242       -       14,242       -       14,242       -       14,242       -       14,242       -       14,242       -       14,242       -       14,242       -       14,242       -       14,243       -       14,243       -       14,243       -       14,245       14,245       15,106,351       16,51       16,52,451       15,51       -       16,52,52			( , ,	· · · ·		-				( , ,		( , ,		-		· ,
Process from issuance of debt         183,325         73,125         156,450         -         -         -         -         -         -         -         156,450           Contribution for developers and others         -         -         -         164,482         -         -         14,482           Proceeds from disposal of assets         (511)         -         -         16(0,970)         -         10,501         (258)         -         10,242           Debt issue costs and discounts         (63,169)         (77,801)         -         (10,09,449)         (369,934)         -         -         1(1,389,385)           Investing activities         (512,990)         (506,459)         -         (1,019,449)         (369,934)         -         -         1(389,385)           Proceeds from sale and maturities of investments         380,899         433,886         -         814,785         253,524         -         -         1(389,385)           Proceeds from sale and maturities of investments         380,899         433,886         -         814,785         253,524         -         -         1(389,385)           Net cash used in investing activities         (127,497)         (69,701)         -         (19,71,980)         (114,479)         + </td <td></td> <td></td> <td></td> <td>(27,246)</td> <td></td> <td>-</td> <td></td> <td> ,</td> <td></td> <td> ,</td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td>				(27,246)		-		,		,				-		
Contribution from developers and others       -       -       -       14.48:       -       -       14.48:         Proceeds from disposal of assets       (511)       -       -       (511)       190       -       -       (523)         Debissue costs and discounts       (33.169)       (77.801)       -       (160.970)       2       -       -       (160.961)         Net cash used in capital and related financing activities       (512.990)       (506.459)       -       (1.019.449)       (369.934)       -       -       1.089.38:         Proceeds from set entits       (512.990)       (506.459)       -       (1.019.449)       (369.934)       -       -       1.089.38:         Proceeds from the Energy Authority       1.952       -       -       1.085.300       -       1.085.300       -       1.085.300       -       1.085.300       -       1.085.300       -       1.085.300       -       1.085.300       -       1.085.300       -       1.085.300       -       1.085.300       -       5.03.44       -       -       1.085.300       -       5.03.44       -       -       1.085.300       -       5.03.44       5.03.04       \$.8481       -       2.09.257         Net cash						-				(66,520)		(348)		-		
Proceeds from disposal of assets       (511)       -       -       (611)       190       -       -       (32         Debit size octoss and discounts       (83,169)       (77,801)       -       (10,607)       2       -       -       (10,293)         Net cash used in capital and related financing activities       (258,043)       (155,510)       -       (11,019,449)       (36,09,334)       -       -       -       (10,393)         Investing activities       -       -       (1,019,449)       (36,09,334)       -       -       -       (1,393,382)         Prochess of investments       (512,990)       (506,459)       -       (1,019,449)       (36,09,334)       -       -       -       (1,383,382)         Proceeds from sale and maturities of investments       (512,990)       (506,459)       -       (1,019,449)       (36,09,334)       -       -       -       (1,383,382)         Net cash used in investing activities       2,642       2,872       -       5,514       1,931       4       -       7,444         Distributions from The Energy Authority       1,552       -       -       1,068,303       -       5,896       151       -       (300,366)         Cash and cash equivalents <td< td=""><td></td><td></td><td>83,325</td><td>73,125</td><td></td><td>-</td><td></td><td>156,450</td><td></td><td>-</td><td></td><td>-</td><td></td><td>-</td><td></td><td>,</td></td<>			83,325	73,125		-		156,450		-		-		-		,
Debt issue costs and discounts       4       10,497       -       10,691       (28,0)       -       -       10,243         Defeasance of debt       (83,169)       (77,801)       -       (160,970)       2       -       -       (160,980)         Net cash used in capital and related financing activities       (28,043)       (153,510)       -       (10,19,449)       (369,934)       -       -       (1,089,304)         Purchase of investments       (33,069)       433,886       -       814,785       253,524       -       10,68,300         Investment income       2,642       2,872       -       5,514       1,931       4       -       7,495         Distributions from The Energy Authority       1,952       -       -       1,952       -       -       1,952         Net cash used in investing activities       (79,901)       (214,729)       -       (29,4630)       (85,886)       151       -       (30,362)         Cash and cash equivalents, beginning of year       (79,901)       (214,729)       -       (29,4630)       (85,886)       151       -       (30,362)         Cash and cash equivalents, end of period       \$       210,363<\$			-	-		-		-				-		-		14,482
Defeasance of debt       (83,169)       (77,801)       -       (160,970)       2       -       -       (160,980)         Net cash used in capital and related financing activities       (258,043)       (153,510)       -       (141,553)       (165,018)       (3,366)       -       (160,980)         Investments       (512,990)       (506,459)       -       (1,019,449)       (369,934)       -       -       (1,389,38)         Proceeds from sale and maturities of investments       380,899       433,886       -       814,785       253,524       -       -       (1,69,981)         Investment income       2,642       2,872       -       1,952       -       -       1,952         Net cash used in investing activities       (127,497)       (69,701)       -       (137,188)       (114,479)       4       -       (311,67)         Net change in cash and cash equivalents, end of period       (77,32)       267,940       -       (445,372)       5,514       1,931       -       \$       209,257         Cash and cash equivalents, end of period       (287,477)       (69,701)       -       (142,4729)       -       (247,472)       (512,900)       (369,886)       151       -       (380,366)         Operetating inco	Proceeds from disposal of assets		(511)	-		-		(511)		190		-		-		(321
Net cash used in capital and related financing activities       (258,043)       (153,510)       -       (411,553)       (165,018)       (3,366)       -       (579,93)         Investing activities       (512,990)       (506,459)       -       (1,019,449)       (369,934)       -       -       (1,389,38)         Proceeds from sale and maturities of investments       (360,899       433,886       -       814,782       255,24       -       -       1,068,303         Investment income       2,642       2,872       -       5,514       1,931       4       -       7,444         Distributions from The Energy Authority       1,952       -       -       1,952       -       -       1,952         Net cash used in investing activities       (79,901)       (214,729)       -       (294,630)       (85,886)       151       -       (30,361)         Cash and cash equivalents, beginning of year       (77,432       267,940       -       445,372       135,920       8,3481       \$       >       \$ 209,257         Reconciliation of operating income to net cash provided by operating activities       -       120,773       32,017       -       174,790       99,553       1,712       -       276,055         Adjustments:       D	Debt issue costs and discounts		4	10,497		-		10,501		(258)		-		-		10,243
Investing activities         Investing activities         Investments         (512,990)         (506,459)         -         (1,019,449)         (369,934)         -         -         (1,083,081)           Purchase of investments         380,899         433,886         -         814,785         253,524         -         -         1,088,301           Investment income         2,642         2,872         -         5,514         1,931         4         -         7,444           Distributions from The Energy Authority         1,952         -         -         1,952         -         -         1,952           Net cash used in investing activities         (127,497)         (69,701)         -         (197,198)         (114,479)         4         -         (311,677)           Net change in cash and cash equivalents         (79,901)         (214,729)         -         (294,630)         (85,886)         151         -         (380,366)           Cash and cash equivalents, end of period         \$         97,531         \$ 53,211         \$         \$         150,742         \$ 50,034         \$ 4,481         \$         \$ 209,267           Reconciliation of operating income to net cash provided by operating activities         -         \$ 210,363         \$ 27,163         \$ <td>Defeasance of debt</td> <td></td> <td>(83,169)</td> <td>(77,801)</td> <td></td> <td>-</td> <td></td> <td>(160,970)</td> <td></td> <td>2</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td>(160,968</td>	Defeasance of debt		(83,169)	(77,801)		-		(160,970)		2		-		-		(160,968
Purchase of investments       (512,990)       (506,459)       -       (1,019,449)       (369,934)       -       -       (1,389,383)         Proceeds from sale and maturities of investments       380,899       433,886       -       814,755       253,524       -       -       1,068,303         Investment income       2,642       2,872       -       5,514       1,931       4       -       7,444         Distributions from The Energy Authority       1,952       -       -       1,952       -       -       1,952         Net cash used in investing activities       (79,901)       (214,729)       -       (294,630)       (85,866)       151       -       (380,366)         Cash and cash equivalents, beginning of year       177,432       267,940       -       445,372       155,920       \$       8,330       -       \$ 589,622         Cash and cash equivalents, end of period       \$       210,363<\$	Net cash used in capital and related financing activities		(258,043)	(153,510)		-		(411,553)		(165,018)		(3,366)		-		(579,937
Proceeds from sale and maturities of investments       380.899       433.886       -       814.785       253.524       -       -       1,068.303         Investment income       2,642       2,872       -       5,514       1,931       4       -       7,444         Distributions from The Energy Authority       1,952       -       -       1,952       -       -       1,955         Net cash used in investing activities       (127,497)       (69,701)       -       (197,198)       (114,479)       4       -       (311,672)         Net change in cash and cash equivalents, beginning of year       (79,901)       (214,729)       -       (294,630)       (85,886)       151       -       (380,362)         Cash and cash equivalents, beginning of year       (79,901)       (214,729)       -       (294,630)       (85,886)       151       -       (380,362)         Cash and cash equivalents, beginning of year       (79,901)       (214,729)       -       (294,630)       (85,886)       151       -       (380,362)         Reconciliation of operating income to net cash provided by operating activities       (79,901)       (214,729)       -       2,77,63       \$       9,3420       \$       1,028       \$       \$       331,97	Investing activities															
Investment income       2,642       2,872       -       5,514       1,931       4       -       7,444         Distributions from The Energy Authority       1,952       -       -       1,952       -       -       1,952         Net cash used in investing activities       (112,797)       (69,701)       -       (197,198)       (114,479)       4       -       (311,677)         Net change in cash and cash equivalents, beginning of year       (79,901)       (214,729)       -       (294,630)       (85,886)       151       -       (380,366)         Cash and cash equivalents, end of period       177,432       267,940       -       445,372       135,920       8,330       -       \$ 209,257         Reconciliation of operating income to net cash provided by operating activities       -       \$       210,363       \$ 27,163       \$       -       \$ 1,028       \$       -       \$ 209,257         Adjustments:       \$       210,363       \$ 27,163       \$       -       \$ 237,526       \$ 93,420       \$ 1,028       \$ -       \$ 267,050         Recognition of deferred costs and revenues, net       (2,812)       (5,340)       -       174,790       99,553       1,712       -       2,777         Changes in noncash	Purchase of investments		(512,990)	(506,459)		-	(	(1,019,449)		(369,934)		-		-		(1,389,383
Distributions from The Energy Authority       1,952       -       1,952       -       -       1,952         Net cash used in investing activities       (127,497)       (69,701)       -       (197,188)       (114,479)       4       -       (311,67)         Net cash and cash equivalents, beginning of year       (79,901)       (214,729)       -       (445,372)       136,920       8,330       -       589,622         Cash and cash equivalents, end of period       \$       97,31       \$ 53,211       \$       \$       \$ 150,742       \$ 50,034       \$ 8,481       \$       \$ 209,257         Reconciliation of operating income to net cash provided by operating activities       Operating income       \$ 210,363       \$ 27,163       \$       \$ 237,526       \$ 93,420       \$ 1,028       \$       \$ 331,97         Adjustments:       142,773       32,017       -       174,790       99,553       1,712       -       26,623         Gain on sale of noncore assets       2       -       -       2,773       -       -       -       6,823         Accounts receivable, restricted       (539)       -       -       2,773       -       -       2,773       -       -       2,775         Accounts receivable, restricted	Proceeds from sale and maturities of investments		380,899	433,886		-		814,785		253,524		-		-		1,068,309
Net cash used in investing activities       (127,497)       (69,701)       (197,198)       (114,479)       4       (311,673)         Net change in cash and cash equivalents, beginning of year       (79,901)       (214,729)       -       (294,630)       (85,886)       151       -       (380,366)         Cash and cash equivalents, beginning of year       \$7,731       \$53,211       -       \$150,742       \$50,034       \$8,481       \$-       \$209,257         Reconciliation of operating income to net cash provided by operating activities       \$210,363       \$27,163       -       \$237,526       \$93,420       \$1,028       -       \$311,974         Adjustments:       2       2       -       2       27,733       \$2,017       -       174,790       99,553       1,712       -       276,053         Adjustments:       2       -       -       2       2,773       -       -       2,773       -       2,773       -       2,773       -       2,773       -       2,773       -       2,773       -       -       2,773       -       -       2,773       -       -       2,773       -       -       2,773       -       -       2,773       -       -       2,773       -       -<	Investment income		2,642	2,872		-		5,514		1,931		4		-		7,449
Net change in cash and cash equivalents.       (79,901)       (214,729)       -       (294,630)       (85,886)       151       -       (380,862)         Cash and cash equivalents, beginning of year       177,432       267,940       -       445,372       135,920       8,330       -       589,622         Cash and cash equivalents, equinning of year       \$       97,531       \$       53,211       \$       -       \$       150,742       \$       50,034       \$       8,481       \$       -       \$       209,257         Reconciliation of operating income to net cash provided by operating activities        \$       210,363       \$       27,163       \$       -       \$       237,526       \$       93,420       \$       1,028       \$       -       \$       331,974         Adjustments:       Depreciation and amortization       142,773       32,017       -       174,790       99,553       1,712       -       267,005         Gain on sale of onocore assets       2       -       -       2       2,773       -       -       2,777       -       2,777       -       2,777       -       -       2,777       -       -       2,777       -       -       2,600       2,567 <td>Distributions from The Energy Authority</td> <td></td> <td>1,952</td> <td>-</td> <td></td> <td>-</td> <td></td> <td>1,952</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td>1,952</td>	Distributions from The Energy Authority		1,952	-		-		1,952		-		-		-		1,952
Cash and cash equivalents, beginning of year       177,432       267,940       -       445,372       135,920       8,330       -       589,622         Cash and cash equivalents, end of period       \$ 97,531       \$ 53,211       \$ - \$ \$ 150,742       \$ 50,034       \$ 8,481       \$ - \$ \$ 209,255         Reconciliation of operating income       \$ 210,363       \$ 27,163       \$ - \$ \$ 237,526       \$ 93,420       \$ 1,028       \$ - \$ \$ 331,97         Adjustments:       Depreciation and amortization       142,773       32,017       -       174,790       99,553       1,712       -       276,055         Recognition of deferred costs and revenues, net       (2,812)       (5,340)       -       174,790       99,553       1,712       -       266,055         Accounts receivable       6,284       (17,345)       -       110,061       (5,981)       772       -       (16,277         Accounts receivable, restricted       (539)       -       -       6,284       (17,345)       -       110,061       (5,981)       772       -       (16,277         Accounts receivable, restricted       (181)       -       -       (8,37)       -       -       9,366         Other assets       (181)       -       -       (1837)<	Net cash used in investing activities		(127,497)	(69,701)		-		(197,198)		(114,479)		4		-		(311,673
Cash and cash equivalents, beginning of year       177,432       267,940       -       445,372       135,920       8,330       -       589,622         Cash and cash equivalents, end of period       \$ 97,531       \$ 53,211       \$ - \$ \$ 150,742       \$ 50,034       \$ 8,481       \$ - \$ \$ 209,251         Reconciliation of operating income       \$ 210,363       \$ 27,163       \$ - \$ \$ 237,526       \$ 93,420       \$ 1,028       \$ - \$ \$ 331,97         Adjustments:       \$ 210,363       \$ 27,163       \$ - \$ 237,526       \$ 93,420       \$ 1,028       \$ - \$ 26,055         Adjustments:       \$ 210,363       \$ 27,163       \$ - \$ 2237,526       \$ 93,420       \$ 1,028       \$ - \$ 26,055         Adjustments:       \$ 210,363       \$ 27,163       \$ - \$ 227,773       - 6 8,233       \$ 311,97         Adjustments:       \$ 210,282       \$ 2,810       - \$ 174,790       99,553       1,712       - \$ 26,055         Gain on sale of noncore assets       2       2       2,773       - \$ 2,773       - \$ 2,773         Accounts receivable       6,284       (17,345)       - \$ (11,061)       (5,981)       772       - \$ (16,271         Accounts receivable, restricted       \$ 14,286       (24,478)       - \$ (181)       \$ 55       - \$ 9,366      <	Net change in cash and cash equivalents		(79,901)	(214,729)		-		(294,630)		(85,886)		151		-		(380,365
Cash and cash equivalents, end of period       \$ 97,531 \$ 53,211 \$ - \$ 150,742 \$ 50,034 \$ 8,481 \$ - \$ 209,257         Reconciliation of operating income to net cash provided by operating activities       \$ 210,363 \$ 27,163 \$ - \$ 237,526 \$ 93,420 \$ 1,028 \$ - \$ 331,97         Adjustments:       \$ 210,363 \$ 27,163 \$ - \$ 237,526 \$ 93,420 \$ 1,028 \$ - \$ 331,97         Depreciation and amortization       142,773 32,017 - 174,790 99,553 1,712 - 276,055         Recognition of deferred costs and revenues, net       (2,812) (5,340) - (8,152) (85) (8,237)         Changes in noncash assets       2         Accounts receivable       6,284 (17,345) - (11,061) (5,981) 772 - (16,270)         Accounts receivable, restricted       (539) (539) (692 155)         Inventories       1,655 5,145 - 6,800 2,567 9,360         Other assets       (181) (181) (55) (231)         Accounts receivable, restricted       (181) (181) (55) (10,99) (8)         Liabilities payable, restricted       - (8,837) - (10,192) (1,099) (8)       - (18,837) - (16,778 9 - 15,711)         Net cash provided by operating activities       \$ 370,808 \$ 8,278 \$ - \$ 379,086 \$ 208,563 \$ 3,513 \$ - \$ 591,165			177.432	267.940		-		445.372				8.330		-		589,622
Operating income       \$ 210,363 \$ 27,163 \$ - \$ 237,526 \$ 93,420 \$ 1,028 \$ - \$ 331,974         Adjustments:       Depreciation and amortization       142,773 32,017 - 174,790 99,553 1,712 - 276,053         Recognition of deferred costs and revenues, net       (2,812) (5,340) - (8,152) (85) 2 (2,773 - 2 2,773 - 2	Cash and cash equivalents, end of period	\$			\$	-	\$		\$		\$	8,481	\$	-	\$	209,257
Operating income       \$ 210,363 \$ 27,163 \$ - \$ 237,526 \$ 93,420 \$ 1,028 \$ - \$ 331,974         Adjustments:       Depreciation and amortization       142,773 32,017 - 174,790 99,553 1,712 - 276,053         Recognition of deferred costs and revenues, net       (2,812) (5,340) - (8,152) (85) 2 (2,773 - 2 2,773 - 2	Reconciliation of operating income to net cash provided by operating	ing activit	ies													
Depreciation and amortization       142,773       32,017       -       174,790       99,553       1,712       -       276,053         Recognition of deferred costs and revenues, net       (2,812)       (5,340)       -       (8,152)       (85)       -       -       (8,23)         Gain on sale of noncore assets       2       -       -       2       2,773       -       -       (8,23)         Changes in noncash assets and noncash liabilities:       2       -       -       2       2,773       -       -       2       2,773       -       -       2       2,773       -       -       2,774       -       -       2,774       -       -       2,774       -       -       2,774       -       -       2,774       -       -       2,774       -       -       1,627       3,749       -       -       -       1,627       3,749       -       -       -       1,627       -       -       -       1,627       -       -       -       1,627       -       -       -       1,627       -       -       -       1,627       -       -       -       1,627       -       -       -       1,627       -       -	Operating income	-		\$ 27,163	\$	-	\$	237,526	\$	93,420	\$	1,028	\$	-	\$	331,974
Recognition of deferred costs and revenues, net       (2,812)       (5,340)       -       (8,152)       (85)       -       -       (8,23)         Gain on sale of noncore assets       2       -       -       2       2,773       -       -       2,774       -       -       16,270       -       -       16,270       -       -       16,270       -       -       16,270       -       -       16,270       -       -       16,270       -       -       16,270       -       -       16,270       -       - <td< td=""><td>,</td><td></td><td>140 770</td><td>22.017</td><td></td><td></td><td></td><td>174 700</td><td></td><td>00 552</td><td></td><td>1 710</td><td></td><td></td><td></td><td>276 055</td></td<>	,		140 770	22.017				174 700		00 552		1 710				276 055
Gain on sale of noncore assets       2       -       -       2       2,773       -       -       16,270       -       -       16,270       -       -       16,270       -       -       15,271       -       -       -       9,361       -       -       11,291       -       -       11,291       -       11,291       -       11,291       -       -<			, -	,		-		,		,		1,712		-		,
Changes in noncash assets and noncash liabilities:       Accounts receivable       6,284       (17,345)       -       (11,061)       (5,981)       772       -       (16,271)         Accounts receivable, restricted       (539)       -       -       (539)       692       -       -       155         Inventories       1,655       5,145       -       6,800       2,567       -       -       9,361         Other assets       (181)       -       -       (181)       (55)       -       -       (230)         Accounts and expenses payable       14,286       (24,478)       -       (10,192)       (1,099)       (8)       -       (11,290)         Liabilities payable, restricted       -       (8,837)       -       -       (8,837)       -       -       (8,837)         Other noncurrent liabilities and deferred inflows       (1,023)       (47)       -       (1,070)       16,778       9       -       15,717         Net cash provided by operating activities       \$       370,808       \$       8,278       -       \$       379,086       \$       3,513       \$       -       \$       591,162         Noncash activity       -       -       -       \$				(5,340)		-						-		-		
Accounts receivable       6,284       (17,345)       -       (11,061)       (5,981)       772       -       (16,270)         Accounts receivable, restricted       (539)       -       -       (539)       692       -       -       155         Inventories       1,655       5,145       -       6,800       2,567       -       -       9,365         Other assets       (181)       -       -       (110,192)       (10,99)       (8)       -       (11,29)         Liabilities payable, restricted       -       (8,837)       -       -       (8,837)       -       -       (8,837)         Other noncurrent liabilities and deferred inflows       (1,023)       (47)       -       (1,070)       16,778       9       -       15,711         Net cash provided by operating activities       \$       370,808       \$       8,278       -       \$       379,086       \$       3,513       \$       -       \$       591,162         Noncash activity       -       -       -       \$       370,808       \$       2,828       -       \$       3,79,086       \$       3,513       \$       -       \$       591,162			2	-		-		2		2,113		-		-		2,775
Accounts receivable, restricted       (539)       -       -       (539)       692       -       -       155         Inventories       1,655       5,145       -       6,800       2,567       -       -       9,361         Other assets       (181)       -       -       (181)       (55)       -       -       (230)         Accounts and expenses payable       14,286       (24,478)       -       (10,192)       (1,099)       (8)       -       (11,290)         Liabilities payable, restricted       -       (8,837)       -       (8,837)       -       -       16,778       9       -       15,717         Net cash provided by operating activities       \$       370,808       \$       8,278       -       \$       379,086       \$       208,563       \$       3,513       \$       -       \$       591,162         Noncash activity       -       -       -       \$       370,808       \$       -       \$       379,086       \$       208,563       \$       3,513       \$       -       \$       591,162			0.004	(47.045)				(44.004)		(5.004)		770				(40.070
Inventories       1,655       5,145       -       6,800       2,567       -       -       9,363         Other assets       (181)       -       -       (181)       (55)       -       -       (230         Accounts and expenses payable       14,286       (24,478)       -       (10,192)       (1,099)       (8)       -       (11,290         Liabilities payable, restricted       -       (8,837)       -       (8,837)       -       -       (8,837)         Other noncurrent liabilities and deferred inflows       (1,023)       (47)       -       (1,070)       16,778       9       -       15,717         Net cash provided by operating activities       \$       370,808       \$       8,278       -       \$       379,086       \$       208,563       \$       3,513       \$       -       \$       591,162         Noncash activity       -       -       -       \$       379,086       \$       379,086       \$       208,563       \$       3,513       \$       -       \$       591,162				(17,345)		-						112		-		
Other assets       (181)       -       -       (181)       (55)       -       -       (230)         Accounts and expenses payable       14,286       (24,478)       -       (10,192)       (1,099)       (8)       -       (11,292)         Liabilities payable, restricted       -       (8,837)       -       (8,837)       -       -       (8,837)         Other noncurrent liabilities and deferred inflows       (1,023)       (47)       -       (1,070)       16,778       9       -       15,717         Net cash provided by operating activities       \$       370,808       \$       8,278       -       \$       379,086       \$       208,563       \$       3,513       \$       -       \$       591,162         Noncash activity       -       -       -       -       591,162       -       -       \$       591,162	,		. ,	-		-						-		-		
Accounts and expenses payable       14,286       (24,478)       -       (10,192)       (1,099)       (8)       -       (11,299)         Liabilities payable, restricted       -       (8,837)       -       (8,837)       -       -       (8,837)         Other noncurrent liabilities and deferred inflows       (1,023)       (47)       -       (1,070)       16,778       9       -       15,717         Net cash provided by operating activities       \$       370,808       \$       8,278       -       \$       379,086       \$       208,563       \$       3,513       \$       -       \$       591,162         Noncash activity       -       -       -       5       379,086       \$       208,563       \$       3,513       \$       -       \$       591,162			,	5,145		-		,		,		-		-		,
Liabilities payable, restricted       -       (8,837)       -       -       (8,837)         Other noncurrent liabilities and deferred inflows       (1,023)       (47)       -       (1,070)       16,778       9       -       15,717         Net cash provided by operating activities       \$       370,808       \$       8,278       -       \$       379,086       \$       208,563       \$       3,513       \$       -       \$       591,162         Noncash activity       -       -       -       -       -       -       -       -       -       -       -       (8,837)       -       -       -       -       -       -       -       (8,837)         Noncash activity       -			· · ·	-		-		· · ·		· · ·				-		· ·
Other noncurrent liabilities and deferred inflows         (1,023)         (47)         -         (1,070)         16,778         9         -         15,713           Net cash provided by operating activities         \$ 370,808         \$ 8,278         -         \$ 379,086         \$ 208,563         \$ 3,513         -         \$ 591,162           Noncash activity         -         -         -         \$ 370,808         -         \$ 370,808         -         \$ 379,086         \$ 208,563         \$ 3,513         -         \$ 591,162			14,280							(1,099)				-		
Net cash provided by operating activities \$370,808 \$8,278 \$-\$379,086 \$208,563 \$3,513 \$-\$591,162 Noncash activity			(4 000)							-						
Noncash activity		\$			\$		\$		\$		\$		\$		\$	591,162
•																
	Noncash activity Contribution of capital assets from developers	\$	-	\$-	\$	-	\$	-	\$	26,221	\$	-	\$	-	\$	26,221

#### JEA Electric System Changes in Debt Service, R & R and Construction Funds (in thousands - unaudited) for the nine months ended June 2016 and June 2015 restated

	 	June 2016					lune 2	2015 restate	d	
	service nds	 enewal and placement funds	Co	onstruction funds	De	ebt service funds	rep	newal and lacement funds	Co	onstruction funds
Beginning balance	\$ 211,749	\$ 148,458	\$	4	\$	194,776	\$	148,110	\$	43
Transfer from:										
Revenue fund	138,671	115,062		-		140,979		131,856		
R & R fund	-	-		2		-		-		
Proceeds from property sales	-	526		-		-		-		
Debt issuance:										
Bonds	-	104		-		-		-		
Increase in accounts payable	-	-		-		-		-		
Total additions	138,671	115,692		2		140,979		131,856		
Deductions:										
nterest/principal payments from sinking funds	183,055	-		-		169,929		-		
ncrease in utility plant	-	100,856		2		-		64,724		6
Decrease in accounts payable	-	9,891		4		-		6,780		1
Transfer to:										
Revenue fund	4,014	-		-		245		-		
Construction fund	-	2		-		-		-		
Loss from property sales	-	-		-		-		433		
Total deductions	 187,069	110,749		6		170,174		71,937		7
Ending balance	\$ 163,351	\$ 153,401	\$	-	\$	165,581	\$	208,029	\$	(3:
Renewal and replacement fund:										
Cash & investments		\$ 152,398					\$	206,288		
Accounts / notes receivable:										
Accounts receivable		901						1,583		
Street light & other customer loans		 102	_					158	_	
		\$ 153,401	-				\$	208,029	-	
Construction fund:										
Generation projects			\$	-					\$	
T& D and other capital projects				-						(3
Accounts receivable				-						
			\$	-					\$	(3

#### JEA Water and Sewer System Changes in Debt Service, R & R and Construction Funds (in thousands - unaudited) for the nine months ended June 2016 and June 2015 restated

			Jun	e 2016								
	bt service funds	rep	newal and blacement funds	Constructio funds	n	Environmental funds	De	ebt service funds	enewal and placement funds	Constr fun		ronmental funds
Beginning balance	\$ 176,569	\$	149,130	\$ 66	4 3	\$	\$	191,848	\$ 142,417	\$	670	\$ -
Additions:												
Debt issuance:												
Bonds	-		70		-	-		-	-		-	-
Transfer from:												
Revenue fund	72,573		110,242		-	-		77,443	97,659		-	16,142
Proceeds from property sales	-		683		-	-		-	190		-	-
Contribution in aid of construction	-		16,311		-	-		-	14,483		-	-
Increase in accounts payable	 -		-		-	975						
Total additions	 72,573		127,306		-	975		77,443	112,332		-	16,142
Deductions:												
Increase in utility plant	-		77,506	(5	8)	-		-	56,439		-	-
Interest/principal payments from sinking funds	99,105		-		-	-		108,707	-		-	-
Transfer to:												
Revenue fund	764		-		-	-		2,647	-		-	85
Decrease in accounts payable	 -		13,291	4	1	-		-	10,075		6	-
Total deductions	 99,869		90,797	(1	7)	-		111,354	66,514		6	85
Ending balance	\$ 149,273	\$	185,639	\$ 68	1 3	\$ 975	\$	157,937	\$ 188,235	\$	664	\$ 16,057

Recap:						
Renewal and replacement fund:						
Cash & investments	\$ 185,233			\$ 187,349		
Accounts / notes receivable:						
Accounts receivable	386			861		
Notes receivable	20			25		
	\$ 185,639			\$ 188,235		
Construction fund:						
Construction reserves	\$	-		\$	-	
Accounts receivable		-			-	
Project funds		681			664	
	\$	681		\$	664	
Environmental fund						
Cash & investments			975			16,057
		\$	975		\$	16,057
		+	2 5		<u> </u>	_,

Electric System		Ν	<b>lonth</b>		Prior Year Mo	nth
Budget vs. Actual	ANNUAL BUDGET	BUDGET	ACTUAL	Variance	ACTUAL	Variance
June 2016 and 2015 restated	2015-16	2015-16	2015-16	%	2014-15	%
Fuel Related Revenues & Expenses						
Fuel Rate Revenues	\$ 509,884,201 \$	47,802,615 \$	44,880,892	-6.11% \$	52,507,139	-14.52%
Fuel Expense and Purchased Power:						
Fuel Expense - Electric System	288,573,382	27,912,936	20,282,436		24,058,224	
Fuel Expense - SJRPP	114,020,023	9,524,300	8,356,470		10,422,372	
Other Purchased Power	81,016,238	7,293,087	9,362,094		6,866,621	
Subtotal Energy Expense	483,609,643	44,730,323	38,001,000	15.04%	41,347,217	8.09%
Subtotal Energy Expense		44,730,323	30,001,000	10.0470	1,347,217	0.0070
Transfer to (from) Rate Stabilization, Net	25,254,789	-	6,861,096		11,086,313	
Fuel Related Uncollectibles	1,019,769	84,981	18,796		73,609	
Total	509,884,201	44,815,304	44,880,892	-0.15%	52,507,139	14.52%
Fuel Balance	-	2,987,311	-		(0)	
Nonfuel Related Revenues						
Base Rate Revenues	738,360,001	69,222,657	71,811,898		69,004,153	
Conservation Charge Revenue	989,059	92,726	112,704		100,215	
Environmental Charge Revenue	7.686.000	720.577	754.542		725.289	
Investment Income	3,776,585	314.715	318,498		444,955	
Natural Gas Revenue Pass Through	12,491,417	1,040,951	15,967		444,955	
Other Revenues		, ,	,			
Total	<u>35,447,663</u> 798,750,725	2,953,972 74,345,598	2,353,378 75,366,987	1.37%	2,468,849	3.61%
		,,	-,,-		, -,	
Nonfuel Related Expenses	200 570 244	40 440 070	44.044.000		40.000.074	
Non-Fuel O&M	200,570,314	16,112,872	14,314,363		13,386,671	
DSM / Conservation O&M	8,073,925	582,127	466,446		743,544	
Environmental O&M	2,442,000	203,500	106,728		(144)	
Net Transfer to Rate Stabilization - DSM	(784,866)	(21,403)	226,450		(78,578)	
Transfer to Environmental Fund/RSF	5,244,000	437,000	647,814		725,433	
Natural Gas Expense Pass Through	12,140,876	1,010,434	31,228		15,833	
Debt Principal - Electric System	89,845,000	7,487,083	8,016,250		7,928,385	
Debt Interest - Electric System	107,287,899	8,940,658	8,609,356		8,970,122	
R&R - Electric System	66,155,208	5,512,934	5,197,867		5,460,179	
Operating Capital Outlay	84,337,682	25,196,982	25,196,982		20,142,631	
City Contribution Expense	91,720,182	7,643,348	7,643,348		7,509,050	
Taxes & Uncollectibles	1,703,452	141,954	45,475		114,035	
Interlocal Agreements	12,000,000	-	-		-	
Emergency Reserve	5,000,000	-	-		-	
Nonfuel Purchased Power:						
SJRPP D/S Principal	37,568,750	3,130,729	2,331,563		2,988,645	
SJRPP D/S Interest	19,174,301	1,597,858	1,430,297		1,565,559	
<ul> <li>Other Non-Fuel Purchased Power</li> </ul>	56,272,002	4,689,334	3,192,426		2,685,450	
Total Nonfuel Expenses	798,750,725	82,665,410	77,456,593	6.30%	72,156,817	-7.34%
Non-Fuel Balance		(8,319,812)	(2,089,606)	<u> </u>	586,957	
Total Balance	<u> </u>	(5,332,501)	(2,089,606)		586,957	
Total Revenues	1,308,634,926	122,148,213	120,247,879	-1.56%	125,250,913	-3.99%
Total Expenses	1,308,634,926	127,480,714	122,337,485	4.03%	124,663,956	1.87%
KWH Sold - Territorial KWH Sold - Off System	12,600,000,000	1,181,274,010	1,231,251,000 4,194,000	4.23%	1,187,741,000	3.66%
Awa Joiu - On System	12,600,000,000	1,181,274,010	1,235,445,000	4 509/	1,188,821,000	2 0.00/
	12,000,000,000	1,101,274,010	1,233,443,000	4.59%	1,100,021,000	3.92%

\* Gross debt service \*\* Includes transmission capacity, SJRPP and Scherer R & R, O & M and Investment Income.

Electric System		Year	-To-Date		Prior Year-To-I	Date
Budget vs. Actual	ANNUAL BUDGET	BUDGET	ACTUAL	Variance	ACTUAL	Variance
June 2016 and 2015 restated	2015-16	2015-16	2015-16	%	2014-15	%
Fuel Related Revenues & Expenses						
Fuel Rate Revenues	\$ 509,884,201 \$	361,459,431 \$	291,744,166	-19.29% \$	333,193,487	-12.44%
Fuel Expense and Purchased Power:						
Fuel Expense - Electric System	288,573,382	200,764,278	163,833,504		192,013,621	
Fuel Expense - SJRPP	114,020,023	84,775,723	52,737,997		74,687,103	
Other Purchased Power	81,016,238	56,678,767	56,634,254		54,990,547	
Subtotal Energy Expense	483,609,643	342,218,768	273,205,755	20.17%	321,691,272	15.07%
Transfer to (from) Rate Stabilization, Net	25,254,789	-	18,083,683		10,994,024	
Fuel Related Uncollectibles	1,019,769	764,826	454,728		508,192	
Total	509,884,201	342,983,594	291,744,166	14.94%	333,193,487	12.44%
Fuel Balance	-	18,475,837	-		(0)	
onfuel Related Revenues						
Base Rate Revenues	738,360,001	523,427,056	522,573,486		526,061,343	
Conservation Charge Revenue	989,059	701,149	405,105		435,185	
Environmental Charge Revenue	7,686,000	5,448,643	5,429,024		5,416,454	
Investment Income	3,776,585	2,832,439	4,466,953		3,052,872	
Natural Gas Revenue Pass Through	12,491,417	9,368,563	122,033		313	
Other Revenues	35,447,663	26,585,747	21,104,807		24,578,199	
Total	798,750,725	568,363,597	554,101,408	-2.51%	559,544,365	-0.97%
onfuel Related Expenses						
Non-Fuel O&M	200,570,314	145,835,793	133,701,728		131,092,181	
DSM / Conservation O&M	8,073,925	5,678,343	4,582,725		5,183,806	
Environmental O&M	2,442,000	1,831,500	472,453		411,234	
Net Transfer to Rate Stabilization - DSM	(784,866)	(592,629)	188,556		(376,454)	
Transfer to Environmental Fund/RSF	5,244,000	3,933,000	4,956,571		5,005,220	
Natural Gas Expense Pass Through	12,140,876	9,103,360	241,475		87,443	
Debt Principal - Electric System	89,845,000	67,383,750	72,146,250		71,268,844	
Debt Interest - Electric System	107,287,899	80,465,924	74,145,538		78,540,075	
R&R - Electric System	66,155,208	49,616,406	46,780,800		49,141,613	
Operating Capital Outlay	84,337,682	68,281,402	68,281,402		82,713,946	
City Contribution Expense	91,720,182	68,790,137	68,790,137		67,581,448	
Taxes & Uncollectibles	1,703,452	1,277,589	995,929		953,275	
Interlocal Agreements	12,000,000	12,000,000	12,000,000			
Emergency Reserve	5,000,000				-	
Nonfuel Purchased Power:	- , ,					
SJRPP D/S Principal	37,568,750	28,176,563	20,984,063		26,654,062	
SJRPP D/S Interest	19,174,301	14,380,726	12,829,005		15,130,235	
Other Non-Fuel Purchased Power	56,272,002	42,204,001	32,376,210		24,590,847	
Total Nonfuel Expenses	798,750,725	598,365,865	553,472,842	7.50%	557,977,776	0.81%
Non-Fuel Balance	-	(30,002,268)	628,566		1,566,590	
otal Balance		(11,526,431)	628,566		1,566,590	-
		· · ·		-		=
Total Revenues Total Expenses	<u>1,308,634,926</u> 1,308,634,926	929,823,028 941,349,459	845,845,574 845,217,008	-9.03% 10.21%	892,737,853 891,171,263	-5.25%
i otal Expenses	1,308,034,920	341,049,409	043,217,008	10.21%	091,171,203	5.16%
KWH Sold - Territorial KWH Sold - Off System	12,600,000,000	8,932,202,320	8,858,409,000 49,783,000	-0.83%	8,884,215,000 70,873,000	-0.29%
Nin Joiu - On System	12,600,000,000	8,932,202,320	8,908,192,000	-0.27%	8,955,088,000	-0.52%

\* Gross debt service

\*\* Includes transmission capacity, SJRPP and Scherer R & R, O & M and Investment Income.

Water and Sewer System					Mo	nth			Prior Year Mo	Page 22 nth
Budget vs. Actual	ANN	UAL BUDGET		BUDGET		ACTUAL	Variance		ACTUAL	Variance
June 2016 and 2015 restated		2015-16		2015-16		2015-16	%		2014-15	%
REVENUES										
Water & Sewer Revenues	\$	393,928,271	\$	32,762,011	\$	35,957,596		\$	35,715,788	
Capacity & Extension Fees		17,000,000		1,416,667		1,989,553			1,623,192	
Capital Contributions		-		-		-			5,634	
Investment Income		2,759,926		229,994		309,429			260,102	
Other Income		14,769,077		855,170		1,156,522			2,133,578	
Total		428,457,274		35,263,842		39,413,100	11.77%		39,738,294	-0.82%
EXPENSES										
O & M Expenses		138,367,616		11,284,517		10,542,168			10,164,608	
Debt Principal - Water & Sewer		33,875,000		2,822,917		2,822,916			3,015,000	
Debt Interest - Water & Sewer		75,780,149		6,315,012		5,934,514			6,284,471	
Rate Stabilization - Environmental		-		-		422,313			-	
R&R - Water & Sewer		20,825,400		1,735,450		1,735,450			1,722,504	
Operating Capital Outlay		94,524,604		18,677,258		14,401,653			11,276,897	
Operating Capital Outlay - Capacity/Extension		17,000,000		4,977,344		1,989,553			1,623,192	
Operating Capital Outlay - Contributions		-		-		-			5,634	
Operating Capital Outlay - Environmental		20,758,150		1,729,846		1,028,919			2,244,184	
City Contribution Expense		22,467,356		1,872,280		1,872,280			1,798,245	
Uncollectibles & Fees		858,999		71,583		56,208			62,000	
Interlocal Agreements		3,000,000		-						
Emergency Reserve		1,000,000		-		-			-	
Total Expenses		428,457,274		49,486,207		40,805,974	17.54%		38,196,735	-6.83
Total Balance	\$		\$	(14 000 065)	¢	(1 202 974)		¢	1 5 41 550	
	<b></b>		φ	(14,222,365)	φ	(1,392,874)	-	\$	1,541,559	•
Sales kgals										
Water		34,650,000		3,045,636		3,289,688	8.01%		3,381,924	-2.73
Sewer		26,985,000		2,432,220		2,514,887	3.40%		2,430,927	3.459
Total		61,635,000		5,477,856		5,804,575	5.96%		5,812,851	-0.149
				Ye	ar-To	o-Date			Prior Year to D	ate
Budget vs. Actual	ANN	UAL BUDGET		BUDGET		ACTUAL	Variance		ACTUAL	Variance
June 2016 and 2015 restated		2015-16		2015-16		2015-16	%		2014-15	%
REVENUES										
Water & Sewer Revenues	C D	303 028 271	¢	201 825 068	¢	200 547 425		¢	201 804 674	
Water & Sewer Revenues	\$	393,928,271	\$	291,825,068	\$	299,547,425		\$	291,894,674	
Capacity & Extension Fees	\$	393,928,271 17,000,000	\$	291,825,068 12,750,000	\$	15,931,882		\$	14,199,529	
Capacity & Extension Fees Capital Contributions	\$	17,000,000	\$	12,750,000	\$	15,931,882 378,795		\$	14,199,529 282,887	
Capacity & Extension Fees Capital Contributions Investment Income	\$	17,000,000 - 2,759,926	\$	12,750,000 - 2,069,944	\$	15,931,882 378,795 2,415,496		\$	14,199,529 282,887 2,251,686	
Capacity & Extension Fees Capital Contributions Investment Income Other Income	\$	17,000,000 - 2,759,926 14,769,077	\$	12,750,000 - 2,069,944 12,424,332	\$	15,931,882 378,795 2,415,496 11,196,065	3.26%	\$	14,199,529 282,887 2,251,686 11,271,191	2.999
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total	\$ 	17,000,000 - 2,759,926	\$	12,750,000 - 2,069,944	\$	15,931,882 378,795 2,415,496	3.26%	\$	14,199,529 282,887 2,251,686	2.999
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES	\$	17,000,000 - 2,759,926 14,769,077 428,457,274	\$	12,750,000 - 2,069,944 12,424,332 319,069,344	\$	15,931,882 378,795 2,415,496 11,196,065 329,469,663	3.26%	\$	14,199,529 282,887 2,251,686 11,271,191 319,899,967	2.99
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses	\$	17,000,000 - 2,759,926 14,769,077 428,457,274 138,367,616	\$	12,750,000 - 2,069,944 12,424,332 319,069,344 101,177,050	\$	15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099	3.26%	\$	14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558	2.999
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses Debt Principal - Water & Sewer	\$	17,000,000 2,759,926 14,769,077 428,457,274 138,367,616 33,875,000	\$	12,750,000 - 2,069,944 12,424,332 319,069,344 101,177,050 25,406,250	\$	15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099 25,406,247	3.26%	\$	14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558 27,135,000	2.999
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses Debt Principal - Water & Sewer Debt Interest - Water & Sewer	\$ 	17,000,000 - 2,759,926 14,769,077 428,457,274 138,367,616	\$	12,750,000 - 2,069,944 12,424,332 319,069,344 101,177,050	\$	15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099 25,406,247 51,386,261	3.26%	\$	14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558	2.999
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses Debt Principal - Water & Sewer Debt Interest - Water & Sewer Rate Stabilization - Environmental	\$	17,000,000 2,759,926 14,769,077 428,457,274 138,367,616 33,875,000 75,780,149	\$	12,750,000 2,069,944 12,424,332 319,069,344 101,177,050 25,406,250 56,835,111	\$	15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099 25,406,247 51,386,261 4,176,656	3.26%	\$	14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558 27,135,000 54,228,243	2.999
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses Debt Principal - Water & Sewer Debt Interest - Water & Sewer Rate Stabilization - Environmental R&R - Water & Sewer	\$	17,000,000 2,759,926 14,769,077 428,457,274 138,367,616 33,875,000 75,780,149 20,825,400	\$	12,750,000 2,069,944 12,424,332 319,069,344 101,177,050 25,406,250 56,835,111 15,619,050	\$	15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099 25,406,247 51,386,261 4,176,656 15,619,050	3.26%	\$	14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558 27,135,000 54,228,240 - 15,502,537	2.999
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses Debt Principal - Water & Sewer Debt Interest - Water & Sewer Rate Stabilization - Environmental R&R - Water & Sewer Operating Capital Outlay	\$	17,000,000 2,759,926 14,769,077 428,457,274 138,367,616 33,875,000 75,780,149 20,825,400 94,524,604	\$	12,750,000 2,069,944 12,424,332 319,069,344 101,177,050 25,406,250 56,835,111 15,619,050 94,524,604	\$	15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099 25,406,247 51,386,261 4,176,656 15,619,050 94,524,604	3.26%	\$	14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558 27,135,000 54,228,240 15,502,537 82,157,618	2.999
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses Debt Principal - Water & Sewer Debt Interest - Water & Sewer Rate Stabilization - Environmental R&R - Water & Sewer Operating Capital Outlay Operating Capital Outlay - Capacity/Extension	\$	17,000,000 2,759,926 14,769,077 428,457,274 138,367,616 33,875,000 75,780,149 20,825,400	\$	12,750,000 2,069,944 12,424,332 319,069,344 101,177,050 25,406,250 56,835,111 15,619,050	\$	15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099 25,406,247 51,386,261 4,176,656 15,619,050 94,524,604 15,931,882	3.26%	\$	14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558 27,135,000 54,228,243 - 15,502,537 82,157,618 14,199,529	2.99
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses Debt Principal - Water & Sewer Debt Interest - Water & Sewer Rate Stabilization - Environmental R&R - Water & Sewer Operating Capital Outlay - Capacity/Extension Operating Capital Outlay - Contributions	\$	17,000,000 2,759,926 14,769,077 428,457,274 138,367,616 33,875,000 75,780,149 20,825,400 94,524,604 17,000,000	\$	12,750,000 2,069,944 12,424,332 319,069,344 101,177,050 25,406,250 56,835,111 15,619,050 94,524,604 16,310,677	\$	15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099 25,406,247 51,386,261 4,176,656 15,619,050 94,524,604 15,931,882 378,795	3.26%	\$	14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558 27,135,000 54,228,243 - 15,502,537 82,157,618 14,199,529 282,887	2.999
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses Debt Principal - Water & Sewer Debt Interest - Water & Sewer Rate Stabilization - Environmental R&R - Water & Sewer Operating Capital Outlay - Capacity/Extension Operating Capital Outlay - Contributions Operating Capital Outlay - Contributions Operating Capital Outlay - Environmental	\$	17,000,000 2,759,926 14,769,077 428,457,274 138,367,616 33,875,000 75,780,149 - 20,825,400 94,524,604 17,000,000 - 20,758,150	\$	12,750,000 2,069,944 12,424,332 319,069,344 101,177,050 25,406,250 56,835,111 - 15,619,050 94,524,604 16,310,677 - 15,568,612	\$	15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099 25,406,247 51,386,261 4,176,656 15,619,050 94,524,604 15,931,882 378,795 5,649,830	3.26%	\$	14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558 27,135,000 54,228,243 	2.99
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses Debt Principal - Water & Sewer Debt Interest - Water & Sewer Rate Stabilization - Environmental R&R - Water & Sewer Operating Capital Outlay - Capacity/Extension Operating Capital Outlay - Contributions Operating Capital Outlay - Environmental City Contribution Expense	\$	17,000,000 2,759,926 14,769,077 428,457,274 138,367,616 33,875,000 75,780,149 - 20,825,400 94,524,604 17,000,000 - 20,758,150 22,467,356	\$	12,750,000 2,069,944 12,424,332 319,069,344 101,177,050 25,406,250 56,835,111 - 15,619,050 94,524,604 16,310,677 - 15,568,612 16,850,517	\$	15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099 25,406,247 51,386,261 4,176,656 15,619,050 94,524,604 15,931,882 378,795 5,649,830 16,850,517	3.26%	\$	14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558 27,135,000 54,228,243 - 15,502,537 82,157,618 14,199,529 282,887 16,057,019 16,184,205	2.999
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses Debt Principal - Water & Sewer Debt Interest - Water & Sewer Rate Stabilization - Environmental R&R - Water & Sewer Operating Capital Outlay - Capacity/Extension Operating Capital Outlay - Contributions Operating Capital Outlay - Environmental City Contribution Expense Uncollectibles & Fees	\$	17,000,000 2,759,926 14,769,077 428,457,274 138,367,616 33,875,000 75,780,149 20,825,400 94,524,604 17,000,000 20,758,150 22,467,356 858,999	\$	12,750,000 2,069,944 12,424,332 319,069,344 101,177,050 25,406,250 56,835,111 15,619,050 94,524,604 16,310,677 - 15,568,612 16,850,517 644,249	\$	15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099 25,406,247 51,386,261 4,176,656 15,619,050 94,524,604 15,931,882 378,795 5,649,830 16,850,517 489,055	3.26%	\$	14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558 27,135,000 54,228,243 	2.99
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses Debt Principal - Water & Sewer Debt Interest - Water & Sewer Rate Stabilization - Environmental R&R - Water & Sewer Operating Capital Outlay - Capacity/Extension Operating Capital Outlay - Contributions Operating Capital Outlay - Contributions Operating Capital Outlay - Contributions Operating Capital Outlay - Environmental City Contribution Expense Uncollectibles & Fees Interlocal Agreements	\$	17,000,000 2,759,926 14,769,077 428,457,274 138,367,616 33,875,000 75,780,149 20,825,400 94,524,604 17,000,000 	\$	12,750,000 2,069,944 12,424,332 319,069,344 101,177,050 25,406,250 56,835,111 - 15,619,050 94,524,604 16,310,677 - 15,568,612 16,850,517	\$	15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099 25,406,247 51,386,261 4,176,656 15,619,050 94,524,604 15,931,882 378,795 5,649,830 16,850,517	3.26%	\$	14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558 27,135,000 54,228,243 - 15,502,537 82,157,618 14,199,529 282,887 16,057,019 16,184,205	2.999
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses Debt Principal - Water & Sewer Debt Interest - Water & Sewer Rate Stabilization - Environmental R&R - Water & Sewer Operating Capital Outlay - Capacity/Extension Operating Capital Outlay - Capacity/Extension Operating Capital Outlay - Contributions Operating Capital Outlay - Environmental City Contribution Expense Uncollectibles & Fees Interlocal Agreements Emergency Reserve	\$	17,000,000 2,759,926 14,769,077 428,457,274 138,367,616 33,875,000 75,780,149 - 20,825,400 94,524,604 17,000,000 - 20,758,150 22,467,356 858,999 3,000,000 1,000,000	\$	12,750,000 2,069,944 12,424,332 319,069,344 101,177,050 25,406,250 56,835,111 - 15,619,050 94,524,604 16,310,677 - 15,568,612 16,850,517 644,249 3,000,000	\$	15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099 25,406,247 51,386,261 4,176,656 15,619,050 94,524,604 15,931,882 378,795 5,649,830 16,850,517 489,055 3,000,000		\$	14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558 27,135,000 54,228,243 - 15,502,537 82,157,618 14,199,529 282,887 16,057,019 16,184,205 501,867 -	
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses Debt Principal - Water & Sewer Debt Interest - Water & Sewer Rate Stabilization - Environmental R&R - Water & Sewer Operating Capital Outlay - Capacity/Extension Operating Capital Outlay - Contributions Operating Capital Outlay - Contributions Operating Capital Outlay - Contributions Operating Capital Outlay - Environmental City Contribution Expense Uncollectibles & Fees Interlocal Agreements	\$	17,000,000 2,759,926 14,769,077 428,457,274 138,367,616 33,875,000 75,780,149 20,825,400 94,524,604 17,000,000 	\$	12,750,000 2,069,944 12,424,332 319,069,344 101,177,050 25,406,250 56,835,111 15,619,050 94,524,604 16,310,677 - 15,568,612 16,850,517 644,249	\$	15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099 25,406,247 51,386,261 4,176,656 15,619,050 94,524,604 15,931,882 378,795 5,649,830 16,850,517 489,055	3.26%	\$	14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558 27,135,000 54,228,243 - 15,502,537 82,157,618 14,199,529 282,887 16,057,019 16,184,205	
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses Debt Principal - Water & Sewer Debt Interest - Water & Sewer Debt Interest - Water & Sewer Rate Stabilization - Environmental R&R - Water & Sewer Operating Capital Outlay - Capacity/Extension Operating Capital Outlay - Contributions Operating Capital Outlay - Contributions Operating Capital Outlay - Environmental City Contribution Expense Uncollectibles & Fees Interlocal Agreements Emergency Reserve Total Expenses	\$	17,000,000 2,759,926 14,769,077 428,457,274 138,367,616 33,875,000 75,780,149 - 20,825,400 94,524,604 17,000,000 - 20,758,150 22,467,356 858,999 3,000,000 1,000,000	\$	12,750,000 2,069,944 12,424,332 319,069,344 101,177,050 25,406,250 56,835,111 - 15,619,050 94,524,604 16,310,677 - 15,568,612 16,850,517 644,249 3,000,000		15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099 25,406,247 51,386,261 4,176,656 15,619,050 94,524,604 15,931,882 378,795 5,649,830 16,850,517 489,055 3,000,000	5.08%	\$	14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558 27,135,000 54,228,243 - 15,502,537 82,157,618 14,199,529 282,887 16,057,019 16,184,205 501,867 -	
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses Debt Principal - Water & Sewer Debt Interest - Water & Sewer Debt Interest - Water & Sewer Rate Stabilization - Environmental R&R - Water & Sewer Operating Capital Outlay - Capacity/Extension Operating Capital Outlay - Capacity/Extension Operating Capital Outlay - Contributions Operating Capital Outlay - Environmental City Contribution Expense Uncollectibles & Fees Interlocal Agreements Emergency Reserve Total Expenses		17,000,000 2,759,926 14,769,077 428,457,274 138,367,616 33,875,000 75,780,149 - 20,825,400 94,524,604 17,000,000 - 20,758,150 22,467,356 858,999 3,000,000 1,000,000		12,750,000 2,069,944 12,424,332 319,069,344 101,177,050 25,406,250 56,835,111 - 15,619,050 94,524,604 16,310,677 - 15,568,612 16,850,517 644,249 3,000,000 - 345,936,120		15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099 25,406,247 51,386,261 4,176,656 15,619,050 94,524,604 15,931,882 378,795 5,649,830 16,850,517 489,055 3,000,000	5.08%		14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558 27,135,000 54,228,243 - 15,502,537 82,157,618 14,199,529 282,887 16,057,019 16,184,205 501,867 - - 315,366,463	
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses Debt Principal - Water & Sewer Debt Interest - Water & Sewer Rate Stabilization - Environmental R&R - Water & Sewer Operating Capital Outlay - Capacity/Extension Operating Capital Outlay - Environmental City Contribution Expense Uncollectibles & Fees Interlocal Agreements Emergency Reserve Total Expenses Total Ealance Sales kgals Water		17,000,000 2,759,926 14,769,077 428,457,274 138,367,616 33,875,000 75,780,149 - 20,825,400 94,524,604 17,000,000 - 20,758,150 22,467,356 858,999 3,000,000 1,000,000 428,457,274 - - 34,650,000		12,750,000 2,069,944 12,424,332 319,069,344 101,177,050 25,406,250 56,835,111 - 15,619,050 94,524,604 16,310,677 - 15,568,612 16,850,517 644,249 3,000,000 - 345,936,120 (26,866,776)		15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099 25,406,247 51,386,261 4,176,656 15,619,050 94,524,604 15,931,882 378,795 5,649,830 16,850,517 489,055 3,000,000 	<u>5.08%</u> 2.62%		14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558 27,135,000 54,228,243 - 15,502,537 82,157,618 14,199,529 282,887 16,057,019 16,184,205 501,867 - 315,366,463 4,533,504	-4.129
Capacity & Extension Fees Capital Contributions Investment Income Other Income Total EXPENSES O & M Expenses Debt Principal - Water & Sewer Debt Interest - Water & Sewer Rate Stabilization - Environmental R&R - Water & Sewer Operating Capital Outlay Operating Capital Outlay Operating Capital Outlay - Capacity/Extension Operating Capital Outlay - Contributions Operating Capital Outlay - Contributions Operating Capital Outlay - Environmental City Contribution Expense Uncollectibles & Fees Interlocal Agreements Emergency Reserve Total Expenses Total Balance Sales kgals		17,000,000 2,759,926 14,769,077 428,457,274 138,367,616 33,875,000 75,780,149 - 20,825,400 94,524,604 17,000,000 - 20,758,150 22,467,356 858,999 3,000,000 1,000,000 428,457,274 -		12,750,000 2,069,944 12,424,332 319,069,344 101,177,050 25,406,250 56,835,111 - 15,619,050 94,524,604 16,310,677 - 15,568,612 16,850,517 644,249 3,000,000 - 345,936,120 (26,866,776)		15,931,882 378,795 2,415,496 11,196,065 329,469,663 94,934,099 25,406,247 51,386,261 4,176,656 15,619,050 94,524,604 15,931,882 378,795 5,649,830 16,850,517 489,055 3,000,000 - 328,346,996 1,122,667	5.08%		14,199,529 282,887 2,251,686 11,271,191 319,899,967 89,117,558 27,135,000 54,228,243 - 15,502,537 82,157,618 14,199,529 282,887 16,057,019 16,184,205 501,867 - - 315,366,463 4,533,504	2.999 -4.129 -4.129 -4.129 -4.129 

JEA District Energy System			Мо	onth		Prior Year Mo	Page 23 nth
Budget vs. Actual June 2016 and 2015 restated	AL BUDGET 2015-16	BUDGET 2015-16		ACTUAL 2015-16	Variance %	ACTUAL 2014-15	Variance %
REVENUES							
Revenues Investment Income	\$ 9,089,118	\$ 829,748	\$	777,025 1,756	\$	797,718 364	
Total	 9,089,118	829,748		778,781	-6.14%	798,082	-2.42%
EXPENSES							
O & M Expenses	5,175,137	480,043		468,745		440,051	
Debt Principal - DES	1,625,000	135,417		135,417		134,167	
Debt Interest - DES	1,398,980	116,582		116,582		117,442	
R&R - DES	457,185	38,099		36,596		36,229	
Operating Capital Outlay	432,816	-		-		-	
Total Expenses	 9,089,118	770,141		757,340	1.66%	727,889	-4.05%
Total Balance	\$ -	\$ 59,607	\$	21,441	\$	70,193	

			Y	ear-1	Fo-Date		Prior-Year-To-E	Date
Budget vs. Actual	ANN	JAL BUDGET	BUDGET		ACTUAL	Variance	ACTUAL	Variance
June 2016 and 2015 restated		2015-16	2015-16		2015-16	%	2014-15	%
REVENUES								
Revenues	\$	9,089,118	\$ 6,365,177	\$	6,104,930		\$ 6,093,204	
Investment Income		-	-		15,931		3,729	
Total		9,089,118	6,365,177		6,120,861	-3.84%	6,096,933	0.39%
EXPENSES								
O & M Expenses		5,175,137	3,445,278		3,292,696		3,347,240	
Debt Principal - DES		1,625,000	1,218,750		1,218,750		1,207,500	
Debt Interest - DES		1,398,980	1,049,235		1,049,235		1,056,975	
R&R - DES		457,185	342,889		329,362		326,063	
Operating Capital Outlay		432,816	-		-		-	
Total Expenses		9,089,118	6,056,152		5,890,043	2.74%	5,937,778	0.80%
Total Balance	\$	-	\$ 309,025	\$	230,818		\$ 159,155	

#### JEA Electric System Schedules of Debt Service Coverage (in thousands - unaudited)

			onth			Year-T		•
			ine				ne	
<b>D</b>		2016	201	5 restated		2016	201	5 restated
Revenues Electric	\$	123,273	\$	407.044	\$	004 040	\$	000 400
Investment income (1)	Ф	123,273	Ф	127,944 302	Ф	861,212 2,282	Ф	909,120 1.899
Earnings from The Energy Authority		1,282		302 411		2,202 4,163		1,351
Other, net (2)		2,033		2,156		18,234		22,069
Plus: amounts paid from the rate stabilization fund into the revenue fund		2,033		2,150		63,228		22,009 55,092
Less: amounts paid from the revenue fund into the rate stabilization fund		(8,202)		(12,483)		(84,409)		(70,716)
Total revenues		119,589		119,080		864,710		918,815
Operating expenses (3)								
Fuel		20,287		24,058		163,849		192,013
Purchased power (4)		26,617		24,030		183,055		199,793
Other operations and maintenance		14,990		14,586		139,852		137,184
State utility taxes and franchise fees		5,560		5,756		41,097		43,027
Total operating expenses		67,454		69,378		527,853		572,017
rotal operating expenses		07,434		09,570		527,000		572,017
Net revenues	\$	52,135	\$	49,702	\$	336,857	\$	346,798
Debt service	\$	6,678	\$	6,896	\$	59,234	\$	62,323
Less: investment income on sinking fund		(100)		(148)		(2,217)		(1,202)
Less: Build America Bonds subsidy		(126)		(126)		(1,138)		(1,132)
Debt service requirement	\$	6,452	\$	6,622	\$	55,879	\$	59,989
Senior debt service coverage (5), (min 1.20x)		8.08	x	7.51	x	6.03	x	5.78
Net revenues (from above)	\$	52,135	\$	49,702	\$	336,857	\$	346,798
Debt service requirement (from above)	\$	6,452	\$	6,622	\$	55,879	\$	59,989
Plus: aggregate subordinated debt service on outstanding subordinated bond	ds	8,219	-	8,195		73,724		73,731
Less: Build America Bonds subsidy		(174)		(174)		(1,563)		(1,564)
Total debt service requirement and aggregate subordinated debt service	\$	14,497	\$	14,643	\$	128,040	\$	132,156
Senior and subordinated debt service coverage (6), (min 1.15x)		3.60	x	3.39	x	2.63	x	2.62
	_	2.57		2.38		1.76		1.81

#### (1) Excludes investment income on sinking funds.

(2) Excludes the Build America Bonds subsidy.

(3) Excludes depreciation.

(4) In accordance with the requirements of the Electric System Resolution, all the contract debt payments from the Electric System to the SJRPP and Bulk Power Supply System with respect to the use by the Electric System of the capacity and output of the SJRPP and Bulk Power Systems are reflected as a purchased power expense on these schedules. These schedules do not include revenues of the SJRPP and Bulk Power Supply System, except that the burchased power expense on mese schedules. These schedules of the trade revenues of the SJRPP and Bulk Power Supply System, except of purchased power expense is net of interest income on funds maintained under the SJRPP and Bulk Power Supply System resolutions.
(5) Net revenues divided by debt service requirement. Minimum annual coverage is 1.20x.
(6) Net revenues divided by total debt service requirement and aggregate subordinated debt service. Minimum annual coverage is 1.15x
(7) Net revenues plus JEA's share of SJRPP's and Bulk Power Supply System's debt service less city contribution divided by the sum of the adjusted debt service requirement and JEA's share of SJRPP's and Bulk Power Supply System's debt service.

#### JEA Bulk Power Supply System Schedules of Debt Service Coverage (in thousands - unaudited)

			onth une				o-Date	•
	20	016	2015	restated		2016	201	5 restated
Revenues								
JEA	\$	4,555	\$	5,210	\$	48,439	\$	45,306
Investment income		11		9		96		82
Total revenues		4,566		5,219		48,535		45,388
Operating expenses (1)								
Fuel		3,328		3,181		19,645		26,912
Other operations and maintenance		864		970		14,337		10,422
Total operating expenses		4,192		4,151		33,982		37,334
Net revenues	\$	374	\$	1,068	\$	14,553	\$	8,054
Aggregate debt service	\$	897	\$	817	\$	8,069	\$	7,351
Less: Build America Bonds subsidy		(61)		(64)		(553)		(573)
Aggregate debt service	\$	836	\$	753	\$	7,516	\$	6,778
Debt service coverage (2)		0.45	x	1.42	x	1.94	x	1.19

(1) Excludes all current expenses paid or accrued to the extent that such expenses are to be paid from revenues.

(2) Net revenues divided by aggregate debt service. Minimum annual coverage is 1.15x.

St. Johns River Power Park System Schedule of Debt Service Coverage - 1st Resolution

		onth Ine			Year-T بار	o-Date	9
	2016		5 restated		2016		5 restated
Revenues	 				-	-	
JEA	\$ 13,957	\$	14,778	\$	80,202	\$	105,382
FPL	13,160		11,630		88,258		93,029
Investment income	(60)		366		2,468		2,882
Total revenues	 27,057		26,774		170,928		201,293
Operating expenses (1)							
Fuel	15,685		16,861		94,882		120,615
Other operations and maintenance	4,874		3,506		27,323		31,091
Total operating expenses	 20,559		20,367		122,205		151,706
Net revenues	\$ 6,498	\$	6,407	\$	48,723	\$	49,587
Aggregate debt service	\$ 4,345	\$	4,260	\$	39,093	\$	39,611
Debt service coverage (2)	 1.50	x	1.50	x	1.25	x	1.25

(1) Excludes depreciation.

#### St. Johns River Power Park System

Schedule of Debt Service Coverage - 2nd Resolution (in thousands - unaudited)

		onth Ine			Year-To-Date June			
	2016	2015	restated		2016	201	5 restated	
Revenues								
JEA	\$ 1,533	\$	2,759	\$	10,882	\$	19,627	
Investment income	19		15		148		(85)	
Total revenues	 1,552		2,774		11,030		19,542	
Operating expenses	-		-		-		-	
let revenues	\$ 1,552	\$	2,774	\$	11,030	\$	19,542	
ggregate debt service	\$ 1,081	\$	1,926	\$	9,686	\$	17,332	
Less: Build America Bonds subsidy	(34)		(34)		(308)		(306)	
Aggregate debt service	\$ 1,047	\$	1,892	\$	9,378	\$	17,026	
Debt service coverage (1)	 1.48	x	1.47	ĸ	1.18	x	1.15	

(1) Net revenues divided by aggregate debt service. Semiannual minimum coverage is 1.15x.

#### JEA Water and Sewer System Schedule of Debt Service Coverage (in thousands - unaudited)

			onth Ine			Year-T	o-Dat	e
		2016		5 restated		2016		5 restated
Revenues								U. COluiou
Water	\$	15,456	\$	15,962	\$	123,644	\$	121,190
Water capacity fees (1)		777		639		5,734		5,142
Sewer		21,381		20,642		182,991		177,646
Sewer capacity fees (1)		1,212		984		10,197		9,057
Investment Income		313		264		2,447		2,293
Other (2)		945		2,004		9,289		9,456
Plus: amounts paid from the rate stabilization fund into the revenue fund		1,787		-		12,273		-
Less: amounts paid from the revenue fund into the rate stabilization fund		(2,220)		(2,256)		(16,777)		(16,142)
Total revenues		39,651		38,239		329,798		308,642
Operating expenses Operations and maintenance (3)		11,650		11,384		105,761		97,514
Total operating expenses		11,650		11,384		105,761		97,514
rotal operating expenses		11,000		11,304		105,761		97,514
Net revenues	\$	28,001	\$	26,855	\$	224,037	\$	211,128
Aggregate debt service	\$	7,129	\$	7,648	\$	63,901	\$	68,788
Less: Build America Bonds subsidy	•	(209)	·	(207)	•	(1,877)	•	(1,867)
Aggregate debt service	\$	6,920	\$	7,441	\$	62,024	\$	66,921
Senior debt service coverage (4), (min 1.25x)		4.05	x	3.61	x	3.61	x	3.15
Net revenues (from above)	\$	28,001	\$	26,855	\$	224,037	\$	211,128
Net revenues (nom above)	φ	20,001	φ	20,000	φ	224,037	φ	211,120
Aggregate debt service (from above)	\$	6,920	\$	7,441	\$	62,024	\$	66,921
Plus: aggregate subordinated debt service on outstanding subordinated debt		1,063		1,020		9,365		9,160
Total aggregate debt service and aggregate subordinated debt service	\$	7,983	\$	8,461	\$	71,389	\$	76,081
Senior and subordinated debt service coverage (5)		3.51	x	3.17	x	3.14	x	2.78
		3 27 .		2.96 v	,	2.86 v		2.56
Fixed charge coverage		3.27 ×		2.96 x	(	2.86 x		2.5

(1) Effective October 1, 2001, the Water and Sewer Bond Resolution was amended to include capacity fees in total revenues. Had such capacity fees not been included in the calculation for the year-to-date periods ending June 2016 and 2015, then the debt service coverage would have been 2.92x and 2.59x. (2) Excludes the Build America Bonds subsidy.

(3) Excludes depreciation.

(4) Net revenues divided by aggregate debt service. Minimum annual coverage is 1.25x.

(5) Net revenues divided by total aggregate debt service and aggregate subordinated debt service. Minimum annual coverage is either 1.00x aggregate debt service and aggregate subordinated debt service (excluding capacity charges) or the sum of 1.00x aggregate debt service and 1.20x aggregate subordinated debt service (including capacity charges). Based on the first requirement, minimum annual coverage is 2.92x and 2.59x. Based on the second requirement, net revenues must exceed 100% of aggregate debt service and 120% of aggregate subordinated debt service, or \$73,262 and \$77,913 for the year-to-date period ending June 2016 and 2015.

#### **District Energy System**

		Mo	onth			Year-T	o-Date	
		Ju	ine			Ju	ne	
	20	016	2015	restated		2016	2015	i restated
Revenues								
Service revenues	\$	777	\$	798	\$	6,105	\$	6,093
Investment income		2		-		16		4
otal revenues		779		798		6,121		6,097
perating expenses (1)								
Operations and maintenance		468		441		3,279		3,353
otal operating expenses		468		441		3,279		3,353
et revenues	\$	311	\$	357	\$	2,842	\$	2,744
ggregate debt service (2)	\$	252	\$	252	\$	2,268	\$	2,264
ebt service coverage (3) (min 1.15x)		1.23	x	1.42	x	1.25	x	1.21

(1) Excludes depreciation.

(2) On June 19, 2013, the closing date of the District Energy System Refunding Revenue Bonds, 2013 Series A, the JEA covenanted to deposit into the 2013 Series A Bonds Subaccount from Available Water and Sewer System Revenues an amount equal to the Aggregate DES Debt Service Deficiency that exists with respect to the 2013 Series A Bonds, in the event that the amount on deposit in the Debt Service Account in the Debt Service Fund in accordance with the District Energy System Resolution is less than Accrued Aggregate Debt Service as of the last Business Day of the then current month. (3) Net Revenues divided by aggregate debt service. Minimum annual coverage is 1.15x.

#### JEA Electric System, St. Johns River Power Park System and Scherer Principal Amount of Debt Outstanding and Average Interest Rates June 2016

Issue/Average Coupon Rate	Interest Rates	Principal Payment Dates	Par Amount Principal Outstanding	Current Portion of Long-Term Debt
Electric System - Fixed Rate Bonds	interest rates	r dyment Bates	outstanding	Long Term Debt
Series Three 2004 A	5.000%	2039	\$ 5,000	\$-
Series Three 2005 B	4.750%	2033	100,000	• -
Series Three 2009 C	5.000%	2016-2017	15,730,000	12,375,000
Series Three 2009 D				12,375,000
	6.056%	2033-2044	45,955,000	-
Series Three 2010 A	4.000%	2016-2020	24,960,000	4,835,000
Series Three 2010 C	4.000 - 4.500%	2021-2031	11,420,000	-
Series Three 2010 D	4.000 - 5.000%	2016-2038	92,100,000	5,265,000
Series Three 2010 E	5.350 - 5.482%	2028-2040	34,255,000	-
Series Three 2012A	4.000 - 4.500%	2023-2033	60,750,000	-
Series Three 2012B	2.000 - 5.000%	2016-2039	133,390,000	620,000
Series Three 2013A	2.500 - 5.000%	2016-2026	111,130,000	7,860,000
				7,000,000
Series Three 2013B	1.875 - 5.000%	2021-2038	7,600,000	
Series Three 2013C	3.000 - 5.000%	2016-2030	30,940,000	2,255,000
Series Three 2014A	2.600 - 5.000%	2016-2034	47,565,000	1,855,000
Series Three 2015A	2.500 - 5.000%	2016-2041	81,810,000	135,000
Series Three 2015B	2.000 - 5.000%	2016-2031	42,355,000	6,350,000
Total Fixed Rate Senior Bonds			740,065,000	41,550,000
2009 Series A	5.625%	2029-2032	21,140,000	
				-
2009 Series D	5.000%	2017-2018	23,925,000	4 050 005
2009 Series E	4.000%	2016-2018	4,065,000	1,850,000
2009 Series F	4.125 - 6.406%	2016-2034	65,600,000	930,000
2009 Series G	4.000 - 5.000%	2016-2021	22,975,000	4,675,000
2010 Series A	3.000 - 5.000%	2016-2017	4,960,000	4,250,000
2010 Series B	3.000 - 5.000%	2016-2024	35,380,000	855,000
2010 Series C				000,000
	3.125 - 4.000%	2020-2027	15,925,000	-
2010 Series D	3.500 - 5.582%	2017-2027	45,575,000	-
2010 Series E	4.000%	2016	4,505,000	4,505,000
2012 Series A	3.000 - 5.000%	2016-2033	110,780,000	2,715,000
2012 Series B	2.250 - 5.000%	2016-2037	105,800,000	2,355,000
2013 Series A	2.500 - 5.000%	2017-2030	59,330,000	_,
2013 Series B	2.500 - 5.000%	2016-2026	41,215,000	10,085,000
2013 Series C	1.375 - 5.000%	2016-2038	88,605,000	590,000
2013 Series D	2.625 - 5.250%	2016-2035	145,055,000	9,360,000
2014 Series A	3.000 - 5.000%	2016-2039	223,770,000	9,330,000
Total Fixed Rate Subordinated Bonds			1,018,605,000	51,500,000
Total Fixed Rate Electric System Bonds/4.56	1%		1,758,670,000	93,050,000
Electric System - Variable Rate Bonds	Current Interest Rates (1)			
Series Three 2008 A	0.408%	2027-2036	51,680,000	
Series Three 2008 B-1	0.805%	2016-2040	60,745,000	350,000
				350,000
Series Three 2008 B-2	0.408%	2025-2040	41,900,000	-
Series Three 2008 B-3	0.408%	2024-2036	37,000,000	-
Series Three 2008 B-4	0.805%	2016-2036	50,185,000	375,000
Series Three 2008 C-1	0.414%	2024-2034	44,145,000	
Series Three 2008 C-2	0.414%	2024-2034	43,900,000	
				-
Series Three 2008 C-3	0.440%	2030-2038	25,000,000	
Series Three 2008 D-1	0.805%	2016-2036	113,840,000	2,420,000
Total Variable Rate Senior Bonds			468,395,000	3,145,000
Series 2000 A	0.443%	2021-2035	30,965,000	-
Series 2000 F-1	0.433%	2026-2030	37,200,000	-
Series 2000 F-2	0.440%	2026-2030	24,800,000	
Series 2008 D	0.372%	2024-2038	39,455,000	
	0.37278	2024-2038		·
Total Variable Rate Subordinated Bonds			132,420,000	
Total Variable Rate Bonds			600,815,000	3,145,000
Total Electric System Bonds			2,359,485,000	96,195,000
t. Johns River Power Park - Fixed Rate Bonds				
Issue 2 Series 17	4.700%	2019	100,000	-
Issue 2 Series 18	4.500%	2018	50,000	-
Issue 2 Series 19	4.600%	2017	100,000	-
Issue 2 Series 20	4.500%	2021	100,000	-
		0001	5 000	-
Issue 2 Series 21	5.000%	2021	5,000	-
Issue 2 Series 22	4.000%	2019	5,000	-
Issue 2 Series 23	3.000 - 5.000%	2017-2021	64,910,000	-
Issue 2 Series 24	4.000%	2017-2021	29,625,000	-
Issue 2 Series 25	3.000 - 5.000%	2016-2021	42,195,000	42,150,000
				<i>¬</i> ∠,100,000
Issue 2 Series 26	2.000 - 5.000%	2019-2021	65,970,000	-
Issue 2 Series 27	1.888 - 2.505%	2019-2021	7,025,000	-
Issue 3 Series 1	4.500%	2037	100,000	-
Issue 3 Series 2	5.000%	2034-2037	29,370,000	-
Issue 3 Series 4	3.875 - 5.450%	2016-2028	25,720,000	1,635,000
				.,000,000
Issue 3 Series 6	2.375 - 5.000%	2019-2037	91,330,000	-
lasure 0. Oscilas 7	2.000 - 5.000%	2019-2033	79,500,000	-
Issue 3 Series 7		2010 2020	57,895,000	-
Issue 3 Series 8	2.000 - 5.000%	2019-2039		
	2.000 - 5.000%	2019-2039	494,000,000	43,785,000
Issue 3 Series 8 Total Fixed Rate St. Johns River Power Park	2.000 - 5.000% Bonds/4.120%	2019-2039	494,000,000	43,785,000
Issue 3 Series 8 Total Fixed Rate St. Johns River Power Park ulk Power Supply System, Scherer 4 Project - Fix	2.000 - 5.000% Bonds/4.120% ed Rate Bonds			
Issue 3 Series 8 Total Fixed Rate St. Johns River Power Park sulk Power Supply System, Scherer 4 Project - Fix Series 2010A	2.000 - 5.000% Bonds/4.120% ed Rate Bonds 3.900 - 5.920%	2016-2030	42,785,000	2,910,000
Issue 3 Series 8 Total Fixed Rate St. Johns River Power Park ulk Power Supply System, Scherer 4 Project - Fix Series 2010A Series 2014A	2.000 - 5.000% Bonds/4.120% ed Rate Bonds 3.900 - 5.920% 2.000 - 5.000%		42,785,000 69,185,000	2,910,000 3,135,000
Issue 3 Series 8 Total Fixed Rate St. Johns River Power Park Bulk Power Supply System, Scherer 4 Project - Fix Series 2010A	2.000 - 5.000% Bonds/4.120% ed Rate Bonds 3.900 - 5.920% 2.000 - 5.000% Bonds/4.293%	2016-2030	42,785,000	2,910,000

(1) Current month interest rate excluding variable debt fees.

 Weighted Average Cost of debt is net of BABs subsidy, original issue premiums/discounts and excudes variable debt liquidity/remarketing fees and interest rate swap payments.

	Electric System	Power Park Issue Three
<ul> <li>Remaining New Money Authorization</li> </ul>	\$ 465,160,992	\$ 103,865,000
<ul> <li>Remaining Senior Refunding Authorization</li> </ul>	\$ 1,239,602,381	\$ 250,810,000
<ul> <li>Remaining Subordinated Refunding Authorization</li> </ul>	\$ 892,378,000	n/a

Issue/Average Coupon Rate	Interest Rates	Principal Payment Dates	Par Amount Principal Outstanding	Current Portion of Long-Term Debt
Fixed Rate Bonds				
2009 Series B	3.750 - 5.000%	2017-2019	\$ 25.565.000	\$-
2010 Series A	6.210 - 6.310%	2026-2044	83,115,000	-
2010 Series B	4.300 - 5.700%	2016-2025	17,300,000	1,730,000
2010 Series C	4.000 - 5.000%	2016-2020	10,650,000	1,105,000
2010 Series D	4.000 - 5.000%	2017-2039	101,850,000	-
2010 Series E	4.000 - 5.000%	2021-2039	60,990,000	-
2010 Series F	3.200 - 5.887%	2017-2040	45,520,000	-
2010 Series G	3.000%	2016	785,000	785,000
2012 Series A	3.000 - 5.000%	2017-2041	317,935,000	-
2012 Series B	2.000 - 5.000%	2016-2041	131,765,000	1,680,000
2013 Series A	4.000 - 5.000%	2016-2027	91,085,000	1,345,000
2013 Series B	1.286 - 1.882%	2016-2017	16,730,000	12,900,000
2014 Series A	2.000 - 5.000%	2016-2040	289,565,000	4,970,000
Total Fixed Rate Senior Bonds			1,192,855,000	24,515,000
2010 Series A	3.000 - 5.000%	2016-2022	14,065,000	915,000
2010 Series B	3.000 - 5.000%	2020-2025	12,770,000	-
2012 Series A	3.000 - 4.000%	2021-2033	20,320,000	-
2012 Series B	3.250 - 5.000%	2030-2043	41,640,000	-
2013 Series A	2.125 - 5.000%	2016-2029	76,040,000	3,790,000
Total Fixed Rate Subordinated Bond	ls		164,835,000	4,705,000
Total Fixed Rate Bonds/4.618%			1,357,690,000	29,220,000
Variable Rate Bonds	Current Interest Rates (1)			
2006 Series B - CPI Bonds	1.126% (2)	2016-2022	38,730,000	4,105,000
2008 Series A-2	0.422%	2028-2042	51,820,000	-
2008 Series B	0.416%	2023-2041	85,290,000	-
Total Variable Rate Senior Bonds			175,840,000	4,105,000
2008 Series A-1	0.372%	2016-2038	53,500,000	550,000
2008 Series A-2	0.445%	2030-2038	25,600,000	-
2008 Series B-1	0.411%	2030-2036	30,885,000	-
Total Variable Rate Subordinated Bo	onds		109,985,000	550,000
Total Variable Rate Bonds			285,825,000	4,655,000
Other Obligations				
Revolving Credit Agreement	1.495%	2018	3,000,000	-
Total Other Obligations			3,000,000	-
Weighted Average Cost(3) /	Total Outstanding Debt	3.618%	\$ 1,646,515,000	\$ 33,875,000

(1) Current month interest rate excluding variable debt fees.

<sup>(3)</sup> Weighted Average Cost of debt is net of BABs subsidy, original issue premiums/discounts and exlcudes variable debt liquidity/remarketing fees and interest rate swap payments.

<ul> <li>Remaining New Money Authorization</li> </ul>	\$ 218,078,023
<ul> <li>Remaining Refunding Authorization</li> </ul>	\$ 1,231,973,942

#### JEA

**District Energy System** 

Principal Amount of Debt Outstanding and Average Interest Rates

June 2016

Issue/Average Coupon	Interest Rates		Principal Payment Dates		Par Amount Principal Outstanding		Current Portion of Long-Term Debt	
Fixed Rate Bonds								
2013 Series A/4.036%	1.017 - 4.538%		2016-2034	\$	39,750,000	\$	1,625,000	
Weighted Average Cost(1) / Total (	Dutstanding Debt		4.041% \$ 39,750,000 \$		\$ 1,625,000			
(1) Weighted Average Cost of debt is net of original issue prem	niums/discounts.							
Remaining New Money Authorization		\$	54,321,245					
<ul> <li>Remaining Refunding Authorization</li> </ul>		\$	106,670,000					

<sup>(2)</sup> Designated swap obligation. The rate shown is the weighted average of the variable CPI Index rates for the 6 month re-set period.

### JEA INVESTMENT PORTFOLIO REPORT June 2016 All Funds

INVESTMENT	BOOK VALUE	YIELD	% OF TOTAL	LAST MONTH	6 MONTH AVERAGE
* Treasuries	\$ 3,298,969	1.01%	0.23%	0.24%	0.24%
Agencies					
Federal Farm Credit Bank	326,977,492	0.70%	22.91%	24.21%	21.13%
Federal Home Loan Bank	349,384,550	0.95%	24.48%	25.27%	25.78%
Federal Home Loan Mortgage Corp.	-	0.00%	0.00%	0.00%	0.19%
Total	676,362,041	0.83%	47.39%	49.48%	47.11%
Municipal Bonds	260,360,523	2.09%	18.24%	19.46%	19.53%
Commercial Paper	370,514,341	0.60%	25.96%	22.77%	23.18%
U.S. Treasury Money Market Funds (1)	13,361,934	0.26%	0.94%	0.52%	1.22%
Agency Money Market Funds (2)	21,425,000	0.30%	1.50%	1.19%	2.09%
Wells Fargo Bank Accounts (3)					
Electric, Scherer	45,216,958	0.17%	3.17%	2.49%	3.04%
SJRPP	28,186,089	0.17%	1.97%	2.57%	2.42%
Water & Sewer, DES	8,444,744	0.17%	0.59%	1.29%	1.17%
Total Portfolio	\$ 1,427,170,598	0.97%	100.00%	100.00%	100.00%

\* Backed by Full Faith and Credit of U. S. Government Weighted Avg. Annual Yield for June 2016, Excluding Bank & Money Market Funds: 1.02%

Weighted Avg. Annual Yield for June 2016, Including Bank & Money Market Funds: 0.97%

Some investments listed above may be classified as Cash Equivalents on the Statements of Net Position in accordance with generally accepted accounting principles.

(1) Morgan Stanley Treasury Fund; Fidelity Treasury Fund; Federated Treasury Fund

(2) Morgan Stanley Government Fund, Wells Fargo Government Fund

(3) Month-end bank balances

#### JEA Interest Rate Swap Position Report June 2016

#### JEA Debt Management Swaps Variable to Fixed

				Electric						
		Effective	Terminat'n	System	Water/Sewer	Fixed	Floating		Rate	
D	Dealer	Date	Date	Allocation	Allocation	Rate	Rate (1)	Spread	Cap	Index
1	Goldman Sachs	9/18/2003	9/18/2033	\$ 84,800,000	\$-	3.717	0.311	3.406	n/a	68% 1 mth Libo
3	Morgan Stanley	1/27/2005	10/1/2039	82,575,000	-	4.351	0.405	3.946	n/a	SIFMA
4	JPMorgan	1/27/2005	10/1/2035	86,375,000	-	3.661	0.311	3.350	n/a	68% 1 mth Libo
6	JPMorgan	1/27/2005	10/1/2037	39,175,000	-	3.716	0.311	3.405	n/a	68% 1 mth Libo
7	Morgan Stanley	10/31/2006	10/1/2022	-	38,730,000	3.996	2.329	1.667	n/a	CPI
8	Morgan Stanley	1/31/2007	10/1/2031	62,980,000	-	3.907	0.405	3.502	n/a	SIFMA
9	Merrill Lynch	3/8/2007	10/1/2041	-	85,290,000	3.895	0.405	3.490	n/a	SIFMA
10	Goldman Sachs	1/31/2008	10/1/2036	51,680,000	-	3.836	0.405	3.431	n/a	SIFMA
			Total	\$ 407,585,000	\$ 124,020,000	Wtd Avg Spre	ad	3.381		

Notes: (1) The "Floating Rate" column is the average of the floating rate for each instrument for this month.

#### JEA Electric System Operating Statistics

		lonth				
	2016	lune 2015 restated	Variance	2016	ine 2015 restated	Variance
Electric revenue sales (000's omitted):						
Residential	\$ 61,581	\$ 62,252	-1.08% \$	403,055	\$ 430,024	-6.27%
Commercial	38,549		-2.50%	283,093	289,158	-2.10%
Industrial	19,159		-7.96%	145,810	158,979	-8.28%
Public street lighting	1,174		8.30%	10,092	8,880	13.65%
Sales for resale - territorial	2,642		-39.75%	19,055	20,938	-8.99%
Electric revenues - territorial	123,105		-3.88%	861,105	907,979	-5.16%
Sales for resale - off system	120,100		279.49%	1,276	2,395	-46.72%
Electric revenues	123,253		-3.79%	862,381	910,374	-5.27%
Less: rate stabilization & recovery	(7,221		-38.46%	(21,171)	(15,623)	35.51%
Less: allowance for doubtful accounts	(7,22)	- (170)	-100.00%	(21,171) (1,179)	(13,023)	-5.98%
Net electric revenues	116,032		-0.15%	840,031	893,497	-5.98%
	110,032	. 110,211	-0.1078	040,001	033,437	-0.3070
MWh sales						
Residential	544,211	516,136	5.44%	3,605,457	3,676,628	-1.94%
Commercial	392,464	371,513	5.64%	2,925,225	2,840,045	3.00%
Industrial	256,350	257,699	-0.52%	2,035,296	2,063,800	-1.38%
Public street lighting	6,890	7,760	-11.21%	61,092	67,316	-9.25%
Sales for resale - territorial	31,336	34,633	-9.52%	231,338	236,425	-2.15%
Total MWh sales - territorial	1,231,251	1,187,741	3.66%	8,858,408	8,884,214	-0.29%
Sales for resale - off system	4,194	1,080	288.33%	49,783	70,873	-29.76%
Total MWH sales	1,235,445	5 1,188,821	3.92%	8,908,191	8,955,087	-0.52%
Number of accounts (1)						
Residential	398,231	391,105	1.82%	395,750	388,309	1.92%
Commercial	51,450		1.14%	51,181	50,583	1.18%
Industrial	201		-2.90%	201	210	-4.29%
Public street lighting	3,669		3.06%	3,639	3,537	2.88%
Sales for resale	3		50.00%	3	2	50.00%
Total average accounts	453,554		1.75%	450,774	442,641	1.84%
Residential averages						
Revenue per account - \$	154.64		-2.85%	1,018.46	1,107.43	-8.03%
kWh per account	1,367		3.56%	9,110	9,468	-3.78%
Revenue per kWh - ¢	11.32	2 12.06	-6.14%	11.18	11.70	-4.44%
Degree days						
Heating degree days			-	949	1,337	(388)
Cooling degree days	489	9 445	44	1,569	1,348	221
Total degree days	489		44	2,518	2,685	(167)
Degree days - 30 year average		449			2,561	

(1) The year-to-date column represents a fiscal year-to-date average.

#### JEA Water and Sewer System Operating Statistics

Operating Statistics		Мо	onth	ı	Year-To-Date				
		յւ 2016	ine 20	)15 restated	Variance	Jı 2016	une 2015 re	estated	Variance
Water		2010	20	Torestated	Variance	2010	201010	Stated	Variance
Revenues (000's omitted):									
Residential	\$	8,129	\$	8,207	-0.95%	. ,	*	64,257	2.27%
Commercial and industrial		3,760 3,589		3,609 4,171	4.18% -13.95%	34,199 23,923		33,249 23,885	2.86% 0.16%
Irrigation Total water revenues		15,478		15,987	-3.18%	123,840		23,885	2.02%
Less: rate stabilization environmental		(1,366)		(1,400)	-2.43%	(9,956)		(9,563)	4.11%
Less: allowance for doubtful accounts		(22)		(25)	-12.00%	(196)		(201)	-2.49%
Net water revenues	\$	14,090	\$	14,562	-3.24%	\$ 113,688	\$ 1	11,627	1.85%
Kgal sales (000s omitted)									
Residential		1,579,472		1,610,845	-1.95%	12,384,886	12,2	13,620	1.40%
Commercial and industrial		1,060,246		989,205	7.18%	9,756,576		25,395	4.62%
Irrigation		649,970		781,874	-16.87%	3,935,747		45,501	-0.25%
Total kgals sales		3,289,688		3,381,924	-2.73%	26,077,209	25,4	84,516	2.33%
Number of accounts (1):									
Residential		273,740		266,865	2.58%	271,245		64,524	2.54%
Commercial and industrial		24,962		23,992	4.04%	24,530		23,910	2.59%
Irrigation Total average accounts		36,419 335,121		36,190 327,047	0.63%	<u>36,207</u> 331,982		35,954 24.388	0.70%
-		000,121		021,011	2.1170	001,002	0.	21,000	2.0170
Residential averages: Revenue per account - \$		29.70		30.75	-3.44%	242.28		242.92	-0.26%
kgals per account		29.70		30.75 6.04	-3.44% -4.41%	242.28 45.66		242.92 46.17	-0.26%
Revenue per kgals - \$		5.15		5.09	1.02%	5.31		5.26	0.86%
Reuse Revenues (000's omitted):									
Reuse revenues	\$	1,000	\$	926	7.99%	\$ 6,747	\$	5,070	33.08%
	<u></u>	1,000	Ψ	020	1.0070	φ <u>0,111</u>	Ψ	0,010	00.0070
Kgal sales (000s omitted)									
Reuse sales (kgals)		259,154		237,206	9.25%	1,762,987	1,2	09,970	45.71%
Number of accounts (1):									
Reuse accounts		7,866		6,165	27.59%	7,265		5,715	27.12%
Sewer									
Revenues (000's omitted):									
Residential	\$	12,007	\$	11,772	2.00%	\$ 99,540	\$	97,672	1.91%
Commercial and industrial		8,407		7,981	5.34%	76,998		75,205	2.38%
Total sewer revenues		20,414		19,753	3.35%	176,538		72,877	2.12%
Less: rate stabilization environmental Less: allowance for doubtful accounts		934 (34)		(856) (37)	-209.11% -8.11%	5,451 (293)		(6,579) (301)	-182.85% -2.66%
Net sewer revenues		21,314		18.860	13.01%	181,696		(301) 65,997	9.46%
		21,011		10,000	10.0170	101,000		00,001	0.1070
Kgal sales (000s omitted)									
Residential		1,358,959		1,364,486	-0.41%	10,602,010		73,017	1.23%
Commercial and industrial Total kgals sales		896,774 2,255,733		829,235 2,193,721	8.14% 2.83%	8,322,120 18,924,130		43,469 16,486	3.46%
i otal kgais sales		2,200,700		2,195,721	2.0376	10,924,130	10,5	10,400	2.2078
Number of accounts (1):									
Residential		241,256		234,656	2.81%	238,865		32,375	2.79%
Commercial and industrial Total average accounts		18,029 259,285		17,815 252,471	<u>1.20%</u> 2.70%	<u>17,945</u> 256,810		17,747 50,122	<u>1.12%</u> 2.67%
				- /		,		/	
Residential averages:									
Revenue per account - \$		49.77		50.17	-0.79%	416.72		420.32	-0.86%
kgals per account Revenue per kgals - \$		5.63 8.84		5.81 8.63	-3.13% 2.41%	44.38 9.39		45.07 9.33	-1.52% 0.67%
Rainfall	_	÷		~	Diff in Inches				Diff in Inches
Normal		6.45		6.45	(2.05)	30.85		30.85	(0.46)
Actual Bein Deve		3.09		6.32	(3.23)	22.23		28.33	(6.10)
Rain Days		9		14		66		66	

(1) The year-to-date column represents a fiscal year-to-date average.

#### JEA Electric System Production Statistics

Generated power:         Steam:         Fuel oil         Fuel expense       \$         Barrels #6 oil consumed       \$         \$/ per barrel consumed       \$         KWh oil generated (1)       Cost per MWh - oil         Natural gas units #1-3       Gas expense - variable         \$/ per MMBTU consumed       \$         \$/ per MWh - gas       \$         Cost per MWh - gas & oil - steam       \$         Coal       Coal expense         Coal expense       \$         KWh generated       \$         Cost per MWh - coal       \$         Pet coke and limestone       \$         Expense       \$         KWh generated       \$         Cost per MWh - coal & petcoke - steam       \$         Cost per MWh - oil as petcoke - steam       \$         Cost per MWh - coal & petcoke - steam       \$         Cost per MWh - oil as petcoke - steam       \$         Barrels #2 oil consumed       \$         Fuel expense       \$         Barrels #2 oil consumed       \$         S/	2016 56,543 - 4,643,822 1,844,466 2.52 170,247,002 27.28 27.61 2,334,278 118,970,284 19.62 4,079,824 209,970,833 19.43	\$ \$ \$ \$ \$	015 restated - - 5,859,431 1,756,541 140,979,221 41.56 41.56 1,966,818 70,000,000	-20.75% 5.01% -24.55% 20.76% -34.36% -33.57%	\$ \$ \$ \$ \$ \$ \$ \$	2016 2,778,795 26,111 106.42 14,404,324 192.91 26,982,831 11,716,028 2.30 1,090,448,163 24.74	\$	2015 restated 1,262,985 11,680 108.13 4,480,583 281.88 20,175,340 6,259,353 3.22 520,864,112 38.73	-1.58% 221.48% -31.56% 33.74% 87.18% -28.57% 109.35% -36.12%
Steam:       Fuel expense       \$         Fuel expense       \$       \$         Barrels #6 oil consumed       \$/ per barrel consumed       \$         KWh oil generated (1)       Cost per MWh - oil       Natural gas units #1-3         Gas expense - variable       \$       \$         MBTU's consumed       \$       KWh - gas generated (1)       \$         Cost per MWh - gas       \$       \$       \$         Cost per MWh - gas       \$       \$       \$         Coal       Cost per MWh - gas & oil - steam       \$       \$         Coal       Coal expense       \$       \$         Coal expense       \$       \$       \$         Coal expense       \$       \$       \$         Coal expense       \$       \$       \$         Cost per MWh - coal       \$       \$       \$         Pet coke and limestone       \$       \$       \$         Expense       \$       \$       \$       \$         Cost per MWh - coal & petcoke - steam       \$       \$       \$         Cost per MWh - oil       \$       \$       \$       \$         Fuel expense       \$       \$       \$       \$       \$	56,543 - - 4,643,822 1,844,466 2.52 170,247,002 27.28 27.61 2,334,278 118,970,284 19,62 4,079,824 209,970,833 19,43	\$ \$ \$ \$ \$	- 5,859,431 1,756,541 3.34 140,979,221 41.56 41.56 1,966,818	-20.75% 5.01% -24.55% 20.76% -34.36% -33.57%	\$ \$ \$ \$	2,778,795 26,111 106.42 14,404,324 192.91 26,982,831 11,716,028 2.30 1,090,448,163 24.74	\$ \$ \$ \$ \$	1,262,985 11,680 108,13 4,480,583 281,88 20,175,340 6,259,353 3.22 520,864,112	120.029 123.559 -1.589 221.489 -31.569 33.749 87.189 -28.579 109.359 -36.129
Steam:       Fuel oil         Fuel oil       Fuel expense       \$         Barrels #6 oil consumed       \$/ per barrel consumed       \$/ per barrel consumed         \$KWh oil generated (1)       Cost per MWh - oil       Natural gas units #1-3         Gas expense - variable       \$       \$         MBTU's consumed       \$/ per MMBTU consumed       \$         \$/ per MMBTU consumed       \$       \$         KWh - gas generated (1)       Cost per MWh - gas       \$         Cost per MWh - gas       \$       \$         Coal expense       \$ seameds       \$         Coal expense       \$       \$         Coal expense       \$       \$         Cost per MWh - coal       \$       \$         Pet coke and limestone       \$       \$         Expense       \$       \$         KWh generated       Cost per MWh - coal & petcoke - steam       \$         Cost per MWh - coal & petcoke - steam       \$       \$         Cost per MWh - oil       \$       \$         Cost per MWh - oil       \$       \$         Natural gas (includes landfill)       \$       \$         Gas expense Kennedy & landfill - variable       \$       \$         MMBT	4,643,822 1,844,466 2,52 170,247,002 27,28 27,61 18,970,284 118,970,284 19,62 4,079,824 209,970,833 19,43	\$ \$ \$ \$ \$	1,756,541 3.34 140,979,221 41.56 41.56 1,966,818	5.01% -24.55% 20.76% -34.36% -33.57%	\$ \$ \$ \$	26,111 106.42 14,404,324 192.91 26,982,831 11,716,028 2.30 1,090,448,163 24.74	\$ \$ \$ \$	11,680 108.13 4,480,583 281.88 20,175,340 6,259,353 3.22 520,864,112	123.559 -1.589 221.489 -31.569 87.189 -28.577 109.359 -36.129
Fuel oil       Fuel expense       \$         Barrels #6 oil consumed       \$       \$         kWh oil generated (1)       Cost per MWh - oil       Natural gas units #1-3         Gas expense - variable       \$       \$         MMBTU's consumed       \$       \$         KWh - gas generated (1)       Cost per MWh - gas       \$         Cost per MWh - gas & oil - steam       \$       \$         Coal       Cost per MWh - coal       \$         Coal expense       \$       \$         Cost per MWh - coal       \$       \$         Pet coke and limestone       \$       \$         Expense       \$       \$         KWh generated       Cost per MWh - pet coke and limestone       \$         Cost per MWh - coal & petcoke - steam       \$       \$         Cost per MWh - coal & petcoke - steam       \$       \$         Cost per MWh - oil       \$       \$         Surgense       \$       \$       \$         More perse       \$       \$       \$         Fuel oil <th>4,643,822 1,844,466 2,52 170,247,002 27,28 27,61 18,970,284 118,970,284 19,62 4,079,824 209,970,833 19,43</th> <th>\$ \$ \$ \$ \$</th> <th>1,756,541 3.34 140,979,221 41.56 41.56 1,966,818</th> <th>5.01% -24.55% 20.76% -34.36% -33.57%</th> <th>\$ \$ \$ \$</th> <th>26,111 106.42 14,404,324 192.91 26,982,831 11,716,028 2.30 1,090,448,163 24.74</th> <th>\$ \$ \$ \$</th> <th>11,680 108.13 4,480,583 281.88 20,175,340 6,259,353 3.22 520,864,112</th> <th>123.55% -1.58% 221.48% -31.56% 33.74% 87.18% -28.57% 109.35% -36.12%</th>	4,643,822 1,844,466 2,52 170,247,002 27,28 27,61 18,970,284 118,970,284 19,62 4,079,824 209,970,833 19,43	\$ \$ \$ \$ \$	1,756,541 3.34 140,979,221 41.56 41.56 1,966,818	5.01% -24.55% 20.76% -34.36% -33.57%	\$ \$ \$ \$	26,111 106.42 14,404,324 192.91 26,982,831 11,716,028 2.30 1,090,448,163 24.74	\$ \$ \$ \$	11,680 108.13 4,480,583 281.88 20,175,340 6,259,353 3.22 520,864,112	123.55% -1.58% 221.48% -31.56% 33.74% 87.18% -28.57% 109.35% -36.12%
Fuel expense       \$         Barrels #6 oil consumed       \$/ per barrel consumed         \$/ per barrel consumed       \$/ why oil consumed         Natural gas units #1-3       Gas expense - variable         Gas expense - variable       \$         MMBTU's consumed       \$         \$/ per MMBTU consumed       \$         \$/ per MMBTU consumed       \$         \$/ per MMBTU consumed       \$         \$/ per MWh - gas       \$         Cost per MWh - gas & oil - steam       \$         Coal       Cost per MWh - gas & oil - steam         Coal expense       \$         KWh generated       Cost per MWh - coal         Cost per MWh - coal       \$         Pet coke and limestone       \$         Cost per MWh - pet coke and limestone       \$         Cost per MWh - coal & petcoke - steam       \$         Cost per MWh - coal & petcoke - steam       \$         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         \$/ per MMBTU consumed       \$         \$/ per MMBTU consumed       \$         \$/ per MMBTU consumed       \$     <	4,643,822 1,844,466 2,52 170,247,002 27,28 27,61 18,970,284 118,970,284 19,62 4,079,824 209,970,833 19,43	\$ \$ \$ \$ \$	1,756,541 3.34 140,979,221 41.56 41.56 1,966,818	5.01% -24.55% 20.76% -34.36% -33.57%	\$ \$ \$ \$	26,111 106.42 14,404,324 192.91 26,982,831 11,716,028 2.30 1,090,448,163 24.74	\$ \$ \$ \$	11,680 108.13 4,480,583 281.88 20,175,340 6,259,353 3.22 520,864,112	123.55% -1.58% 221.48% -31.56% 33.74% 87.18% -28.57% 109.35% -36.12%
Barrels #6 oil consumed \$/ per barrel consumed kWh oil generated (1) Cost per MWh - oil Natural gas units #1-3 Gas expense - variable \$/ per MMBTU consumed \$/ per MMBTU consumed \$/ per MWh - gas Cost per MWh - gas Cost per MWh - gas & oil - steam \$ Coal Coal expense kWh generated Cost per MWh - coal \$ Pet coke and limestone Expense \$ kWh generated Cost per MWh - pet coke and limestone \$ Cost per MWh - coal & petcoke - steam \$ Combustion turbine: Fuel oil Fuel expense \$ Barrels #2 oil consumed \$/ per barrel consumed \$/ wh - oil s Natural gas (includes landfill) Gas expense kennedy & landfill - variable \$ MMBTU's consumed \$/ per MMBTU consumed \$/ wh - gas generated (1) Cost per MWh - gas \$ Cost per MWh - gas \$ Cost per MWh - gas \$ Cost per MWH - gas \$ Cost per MWBTU consumed \$ Wh - gas generated (1) Cost per MWh - gas \$ Cost per MWh - gas Cost per MWh	4,643,822 1,844,466 2,52 170,247,002 27,28 27,61 18,970,284 118,970,284 19,62 4,079,824 209,970,833 19,43	\$ \$ \$ \$ \$	1,756,541 3.34 140,979,221 41.56 41.56 1,966,818	5.01% -24.55% 20.76% -34.36% -33.57%	\$ \$ \$ \$	26,111 106.42 14,404,324 192.91 26,982,831 11,716,028 2.30 1,090,448,163 24.74	\$ \$ \$ \$	11,680 108.13 4,480,583 281.88 20,175,340 6,259,353 3.22 520,864,112	123.55% -1.58% 221.48% -31.56% 33.74% 87.18% -28.57% 109.35% -36.12%
\$/ per barrel consumed         kWh oil generated (1)         Cost per MWh - oil         Natural gas units #1-3         Gas expense - variable         \$/ per MMBTU's consumed         \$/ per MMBTU consumed         \$/ per MWh - gas         Cost per MWh - gas         Cost per MWh - gas         Coal         Coal         Coal expense         Coal expense         Cost per MWh - coal         Pet coke and limestone         Expense         KWh generated         Cost per MWh - coal & petcoke - steam         Cost per MWh - coal & petcoke - steam         Cost per MWh - coal & petcoke - steam         Cost per MWh - coal & petcoke - steam         Combustion turbine:         Fuel oil         Fuel expense       \$         Barrels #2 oil consumed       \$         KWh - oil generated       Cost per MWh - oil         Cost per MWh - oil       \$         Natural gas (includes landfill)       Gas expense Kennedy & landfill - variable         \$       \$         NMBTU's consumed       \$         \$       \$         Cost per MMBTU consumed       \$         \$       \$	1,844,466 2.52 170,247,002 27.28 27.61 2,334,278 118,970,284 19.62 4,079,824 209,970,833 19.43	\$ \$ \$ \$	1,756,541 3.34 140,979,221 41.56 41.56 1,966,818	5.01% -24.55% 20.76% -34.36% -33.57%	\$ \$ \$	106.42 14,404,324 192.91 26,982,831 11,716,028 2.30 1,090,448,163 24.74	\$ \$ \$ \$	108.13 4,480,583 281.88 20,175,340 6,259,353 3.22 520,864,112	-1.58% 221.48% -31.56% 33.74% 87.18% -28.57% 109.35% -36.12%
kWh oil generated (1)         Cost per MWh - oil         Natural gas units #1-3         Gas expense - variable         §/ per MMBTU's consumed         \$// per MMBTU consumed         \$// per MMPTU pas         Cost per MWh - gas & oil - steam         \$// Coal expense         \$// Cost per MWh - coal & petcoke - steam         \$// Cost per MWh - coal & petcoke - steam         \$// Cost per MWh - coal & petcoke - steam         \$// Cost per MWh - coal & petcoke - steam         \$// per barrel consumed         \$// per barrel consumed         \$// per barrel consumed         \$// per mMWh - oil         \$// Sa expense Kennedy& landfill)         Gas expense Kennedy& landfill - variable         \$// per MMBTU consumed         \$// per MMBTU consum	1,844,466 2.52 170,247,002 27.28 27.61 2,334,278 118,970,284 19.62 4,079,824 209,970,833 19.43	\$ \$ \$ \$	1,756,541 3.34 140,979,221 41.56 41.56 1,966,818	5.01% -24.55% 20.76% -34.36% -33.57%	\$ \$ \$	14,404,324 192.91 26,982,831 11,716,028 2.30 1,090,448,163 24.74	\$ \$ \$ \$	4,480,583 281.88 20,175,340 6,259,353 3.22 520,864,112	221.48% -31.56% 33.74% 87.18% -28.57% 109.35% -36.12%
Cost per MWh - oil         Natural gas units #1-3         Gas expense - variable       \$         MMBTU's consumed       \$         \$/ per MMBTU consumed       \$         KWh - gas generated (1)       Cost per MWh - gas         Cost per MWh - gas & oil - steam       \$         Coal       Coal expense       \$         Coal expense       \$       \$         Coal expense       \$       \$         Coal expense       \$       \$         Cost per MWh - coal       \$       \$         Pet coke and limestone       \$       \$         Expense       \$       \$         Cost per MWh - coal & petcoke - steam       \$         Cost per MWh - coal & petcoke - steam       \$         Cost per MWh - coal & petcoke - steam       \$         Combustion turbine:       \$         Fuel oil       \$         Fuel expense       \$         Barrels #2 oil consumed       \$         \$       \$         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MBTU's consumed       \$       \$         \$	1,844,466 2.52 170,247,002 27.28 27.61 2,334,278 118,970,284 19.62 4,079,824 209,970,833 19.43	\$ \$ \$ \$	1,756,541 3.34 140,979,221 41.56 41.56 1,966,818	5.01% -24.55% 20.76% -34.36% -33.57%	\$ \$ \$	192.91 26,982,831 11,716,028 2.30 1,090,448,163 24.74	\$ \$ \$	281.88 20,175,340 6,259,353 3.22 520,864,112	-31.56% 33.74% 87.18% -28.57% 109.35% -36.12%
Natural gas units #1-3       Gas expense - variable       \$         MMBTU's consumed       \$       MMBTU's consumed       \$         §/ per MMBTU consumed       \$       \$         kWh - gas generated (1)       Cost per MWh - gas       \$         Coal       Coal       \$         Coal expense       \$ a oil - steam       \$         Coal expense       \$ kWh generated       \$         Cost per MWh - coal       \$       \$         Pet coke and limestone       \$       \$         Expense       \$ kWh generated       \$         Cost per MWh - coal & petcoke - steam       \$         Cost per MWh - coal & petcoke - steam       \$         Cost per MWh - coal & petcoke - steam       \$         Combustion turbine:       \$         Fuel oil       \$         Fuel oil       \$         Fuel oil pensated       \$         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         KWh - gas generated (1)       \$         Cost per MWBTU consumed       \$	1,844,466 2.52 170,247,002 27.28 27.61 2,334,278 118,970,284 19.62 4,079,824 209,970,833 19.43	\$ \$ \$ \$	1,756,541 3.34 140,979,221 41.56 41.56 1,966,818	5.01% -24.55% 20.76% -34.36% -33.57%	\$ \$ \$	26,982,831 11,716,028 2.30 1,090,448,163 24.74	\$ \$ \$	20,175,340 6,259,353 3.22 520,864,112	33.74% 87.18% -28.57% 109.35% -36.12%
Gas expense - variable       \$         MMBTU's consumed       \$         \$/ per MMBTU consumed       \$         KWh - gas generated (1)       Cost per MWh - gas       \$         Coal per MWh - gas & oil - steam       \$         Coal       \$         Coal expense       \$         KWh generated       \$         Cost per MWh - coal       \$         Pet coke and limestone       \$         Expense       \$         KWh generated       \$         Cost per MWh - coal & petcoke - steam       \$         Cost per MWh - pet coke and limestone       \$         Cost per MWh - coal & petcoke - steam       \$         Combustion turbine:       \$         Fuel oil       \$         Fuel expense       \$         Barrels #2 oil consumed       \$         \$       \$         Netural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         \$       \$         MMBTU consumed       \$         \$       \$         Cost per MMBTU consumed       \$         \$       \$         \$       \$<	1,844,466 2.52 170,247,002 27.28 27.61 2,334,278 118,970,284 19.62 4,079,824 209,970,833 19.43	\$ \$ \$	1,756,541 3.34 140,979,221 41.56 41.56 1,966,818	5.01% -24.55% 20.76% -34.36% -33.57%	\$ \$	11,716,028 2.30 1,090,448,163 24.74	\$ \$	6,259,353 3.22 520,864,112	87.18% -28.57% 109.35% -36.12%
MMBTU's consumed       \$         §/ per MMBTU consumed       \$         KWh - gas generated (1)       Cost per MWh - gas       \$         Cost per MWh - gas & oil - steam       \$         Coal       \$       \$         Coal expense       \$       \$         Coal expense       \$       \$         Coal expense       \$       \$         Coat per MWh - coal       \$       \$         Pet coke and limestone       \$       \$         Expense       \$       \$         KWh generated       Cost per MWh - coal & petcoke - steam       \$         Cost per MWh - pet coke and limestone       \$       \$         Cost per MWh - coal & petcoke - steam       \$       \$         Barrels #2 oil consumed       \$       \$         Fuel expense       \$       \$         Barrels #2 oil consumed       \$       \$         S/ per barrel consumed       \$       \$         MWH - oil generated       Cost per MWh - oil       \$         Case expense Kennedy & landfill)       Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$       \$       \$         WMBTU's consumed       \$       \$       \$	1,844,466 2.52 170,247,002 27.28 27.61 2,334,278 118,970,284 19.62 4,079,824 209,970,833 19.43	\$ \$ \$	1,756,541 3.34 140,979,221 41.56 41.56 1,966,818	5.01% -24.55% 20.76% -34.36% -33.57%	\$ \$	11,716,028 2.30 1,090,448,163 24.74	\$ \$	6,259,353 3.22 520,864,112	87.18% -28.57% 109.35% -36.12%
\$/ per MMBTU consumed       \$         kWh - gas generated (1)       Cost per MWh - gas       \$         Cost per MWh - gas & oil - steam       \$         Coal expense       \$       \$         Coal expense       \$       \$         Coal expense       \$       \$         Coal expense       \$       \$         Pet coke and limestone       \$       \$         Expense       \$       \$         Cost per MWh - coal & petcoke - steam       \$       \$         Cost per MWh - coal & petcoke - steam       \$       \$         Cost per MWh - coal & petcoke - steam       \$       \$         Cost per MWh - coal & petcoke - steam       \$       \$         Combustion turbine:       Fuel expense       \$         Fuel coil       \$       \$       \$         Fuel expense       \$       \$       \$         Barrels #2 oil consumed       \$       \$       \$         KWh - oil generated       \$       \$       \$         Cost per MWh - oil       \$       \$       \$         Natural gas (includes landfill)       \$       \$       \$         Gas expense Kennedy & landfill - variable       \$       \$       \$	2.52 170,247,002 27.28 27.61 2,334,278 118,970,284 19.62 4,079,824 209,970,833 19.43	\$ \$ \$	3.34 140,979,221 41.56 41.56 1,966,818	-24.55% 20.76% -34.36% -33.57%	\$	2.30 1,090,448,163 24.74	\$	3.22 520,864,112	-28.57% 109.35% -36.12%
kWh - gas generated (1)       Cost per MWh - gas       \$         Cost per MWh - gas & oil - steam       \$         Coal       Coal       \$         Coal generated       \$       \$         Cost per MWh - coal       \$       \$         Pet coke and limestone       \$       \$         Expense       \$       \$         KWh generated       Cost per MWh - coal       \$         Cost per MWh - pet coke and limestone       \$       \$         Cost per MWh - pet coke and limestone       \$       \$         Cost per MWh - coal & petcoke - steam       \$       \$         Combustion turbine:       Fuel oil       \$         Fuel expense       \$       \$         Barrels #2 oil consumed       \$       \$         KWh - oil generated       \$       \$         Cost per MWh - oil       \$       \$         Natural gas (includes landfill)       \$       \$         Gas expense Kennedy & landfill - variable       \$       \$         MMBTU's consumed       \$       \$       \$         KWh - gas generated (1)       \$       \$	170,247,002 27.28 27.61 18,970,284 19.62 4,079,824 209,970,833 19.43	\$ \$ \$	140,979,221 41.56 41.56 1,966,818	20.76% -34.36% -33.57%	\$	1,090,448,163 24.74	\$	520,864,112	109.35% -36.12%
Cost per MWh - gas       \$         Cost per MWh - gas & oil - steam       \$         Coal       \$         Coal       \$         Coal expense       \$         KWh generated       \$         Cost per MWh - coal       \$         Pet coke and limestone       \$         Expense       \$         KWh generated       \$         Cost per MWh - pet coke and limestone       \$         Cost per MWh - coal & petcoke - steam       \$         Cost per MWh - coal & petcoke - steam       \$         Cost per MWh - coal & petcoke - steam       \$         Cost per MWh - oil       \$         KWh - oil generated       \$         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         %/ per MMBTU consumed       \$         %/ Wh - gas generated (1)       \$         Cost per MWh - gas       \$	27.28 27.61 2,334,278 118,970,284 19.62 4,079,824 209,970,833 19.43	\$	41.56 41.56 1,966,818	-34.36% -33.57%		24.74		, ,	-36.12%
Cost per MWh - gas & oil - steam       \$         Coal       Coal         Coal expense       \$         kWh generated       \$         Cost per MWh - coal       \$         Pet coke and limestone       \$         Expense       \$         kWh generated       \$         Cost per MWh - pet coke and limestone       \$         Cost per MWh - pet coke and limestone       \$         Cost per MWh - coal & petcoke - steam       \$         Combustion turbine:       \$         Fuel oil       \$         Fuel expense       \$         Barrels #2 oil consumed       \$         kWh - oil generated       \$         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         \$/ per MMBTU consumed       \$         \$/ wh - gas generated (1)       \$         Cost per MWh - gas       \$	27.61 2,334,278 118,970,284 19.62 4,079,824 209,970,833 19.43	\$	41.56 1,966,818	-33.57%				38.73	
Coal       Coal expense       \$         Cost per MWh - coal       \$         Pet coke and limestone       \$         Expense       \$         KWh generated       \$         Cost per MWh - pet coke and limestone       \$         Cost per MWh - pet coke and limestone       \$         Cost per MWh - coal & petcoke - steam       \$         Combustion turbine:       Fuel oil         Fuel expense       \$         Barrels #2 oil consumed       \$         KWh - oil generated       \$         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         KWh - gas generated (1)       \$         Cost per MWH - gas       \$	2,334,278 118,970,284 19.62 4,079,824 209,970,833 19.43	\$	1,966,818		\$	26.94	\$		22.000
Coal expense       \$         kWh generated       \$         Cost per MWh - coal       \$         Pet coke and limestone       \$         Expense       \$         kWh generated       \$         Cost per MWh - pet coke and limestone       \$         Cost per MWh - coal & petcoke - steam       \$         Combustion turbine:       \$         Fuel oil       \$         Fuel expense       \$         Barrels #2 oil consumed       \$         kWh - oil generated       \$         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         \$/ per MMBTU consumed       \$         \$/ wh - gas generated (1)       \$         Cost per MWh - gas       \$	118,970,284 19.62 4,079,824 209,970,833 19.43			40.000				40.81	-33.99%
Coal expense       \$         kWh generated       \$         Cost per MWh - coal       \$         Pet coke and limestone       \$         Expense       \$         kWh generated       \$         Cost per MWh - pet coke and limestone       \$         Cost per MWh - coal & petcoke - steam       \$         Combustion turbine:       \$         Fuel oil       \$         Fuel expense       \$         Barrels #2 oil consumed       \$         kWh - oil generated       \$         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         \$/ per MMBTU consumed       \$         \$/ wh - gas generated (1)       \$         Cost per MWh - gas       \$	118,970,284 19.62 4,079,824 209,970,833 19.43			40.0001					
kWh generated       S         Cost per MWh - coal       \$         Pet coke and limestone       \$         Expense       \$         kWh generated       \$         Cost per MWh - pet coke and limestone       \$         Cost per MWh - coal & petcoke - steam       \$         Combustion turbine:       Fuel oil         Fuel oil       \$         Fuel expense       \$         Barrels #2 oil consumed       \$         KWh - oil generated       \$         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         KWh - gas generated (1)       \$         Cost per MWBT- gas       \$	118,970,284 19.62 4,079,824 209,970,833 19.43				\$	10 070 000	¢	21 040 020	20.400
Cost per MWh - coal       \$         Pet coke and limestone       \$         Expense       \$         KWh generated       \$         Cost per MWh - pet coke and limestone       \$         Combustion turbine:       \$         Fuel oil       \$         Fuel expense       \$         Barrels #2 oil consumed       \$         KWh - oil generated       \$         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         KWh - gas generated (1)       \$	19.62 4,079,824 209,970,833 19.43	\$		18.68%	ф	18,873,330	\$	31,019,836	-39.16%
Pet coke and limestone       Expense       \$         Expense       \$       \$         KWh generated       Cost per MWh - pet coke and limestone       \$         Cost per MWh - coal & petcoke - steam       \$         Combustion turbine:       \$         Fuel oil       \$         Fuel expense       \$         Barrels #2 oil consumed       \$         \$/ per barrel consumed       \$         KWh - oil generated       \$         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         \$/ who - gas generated (1)       \$         Cost per MWh - gas       \$	4,079,824 209,970,833 19.43	\$	78,200,989	52.13%	^	879,610,777	¢	986,460,323	-10.83%
Expense       \$         kWh generated       Cost per MWh - pet coke and limestone       \$         Cost per MWh - coal & petcoke - steam       \$         Combustion turbine:       *         Fuel oil       *         Fuel oil       *         Fuel consumed       \$         &/Wh - oil generated       \$         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         % / per MMBTU consumed       \$         KWh - gas generated (1)       \$         Cost per MWh - gas       \$	209,970,833 19.43		25.15	-21.99%	\$	21.46	\$	31.45	-31.76%
kWh generated       \$         Cost per MWh - pet coke and limestone       \$         Cost per MWh - coal & petcoke - steam       \$         Combustion turbine:       Frel oil         Fuel oil       \$         Fuel oil       \$         Fuel ospense       \$         Barrels #2 oil consumed       \$         KWh - oil generated       \$         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         KWh - gas generated (1)       \$         Cost per MWH - gas       \$	209,970,833 19.43	~							
Cost per MWh - pet coke and limestone       \$         Cost per MWh - coal & petcoke - steam       \$         Combustion turbine:       \$         Fuel oil       \$         Fuel expense       \$         Barrels #2 oil consumed       \$         KWh - oil generated       \$         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         KWh - gas generated (1)       \$         Cost per MWh - gas       \$	19.43	\$	3,890,362	4.87%	\$	31,686,752	\$	27,512,525	15.17%
Cost per MWh - coal & petcoke - steam       \$         Combustion turbine:       Fuel oil         Fuel oil       \$         Fuel expense       \$         Barrels #2 oil consumed       \$         \$/ per barrel consumed       \$         KWh - oil generated       \$         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         \$/ per MMBTU consumed       \$         KWh - gas generated (1)       \$         Cost per MWh - gas       \$			141,095,911	48.81%		1,556,504,714		893,593,201	74.18%
Combustion turbine:         Fuel oil         Fuel expense       \$         Barrels #2 oil consumed       \$         Sy per barrel consumed       \$         kWh - oil generated       Cost per MWh - oil         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         \$/ per MMBTU consumed       \$         kWh - gas generated (1)       \$         Cost per MWh - gas       \$	10 50	\$	27.57	-29.52%	\$	20.36	\$	30.79	-33.87%
Fuel oil       Fuel expense       \$         Fuel expense       \$       \$         Barrels #2 oil consumed       \$       \$         \$/ per barrel consumed       \$       \$         KWh - oil generated       Cost per MWh - oil       \$         Natural gas (includes landfill)       Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$       kWh - gas generated (1)       \$         Cost per MWh - gas       \$       \$	19.50	\$	26.71	-26.99%	\$	20.75	\$	31.13	-33.34%
Fuel expense       \$         Barrels #2 oil consumed       \$         \$/ per barrel consumed       \$         KWh - oil generated       Cost per MWh - oil         Cost per MWh - oil       \$         Natural gas (includes landfill)       Gas expense Kennedy & landfill - variable         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         \$/ per MMBTU consumed       \$         KWh - gas generated (1)       \$         Cost per MWh - gas       \$									
Barrels #2 oil consumed \$/ per barrel consumed \$Wh - oil generated Cost per MWh - oil \$ Natural gas (includes landfill) Gas expense Kennedy & landfill - variable \$ MMBTU's consumed \$/ per MMBTU consumed \$/ wh - gas generated (1) Cost per MWh - gas \$									
\$/ per barrel consumed       \$         kWh - oil generated       \$         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         \$/ per MMBTU consumed       \$         kWh - gas generated (1)       \$         Cost per MWh - gas       \$	129,269	\$	42,072	207.26%	\$	542,957	\$	474,090	14.53%
kWh - oil generated       \$         Cost per MWh - oil       \$         Natural gas (includes landfill)       \$         Gas expense Kennedy & landfill - variable       \$         MMBTU's consumed       \$         \$/ per MMBTU consumed       \$         kWh - gas generated (1)       \$         Cost per MWh - gas       \$	116		282	-58.87%		3,737		3,577	4.47%
Cost per MWh - oil       \$         Natural gas (includes landfill)       Gas expense Kennedy & landfill - variable       \$         MBTU's consumed       \$         \$/ per MMBTU consumed       \$         kWh - gas generated (1)       \$         Cost per MWh - gas       \$	1,114.39	\$	149.19	646.96%	\$	145.29	\$	132.54	9.62%
Natural gas (includes landfill)         Gas expense Kennedy & landfill - variable         MMBTU's consumed         \$/ per MMBTU consumed         kWh - gas generated (1)         Cost per MWh - gas	264,064		37,851	597.64%		969,704		921,000	5.29%
Gas expense Kennedy & landfill - variable     \$       MMBTU's consumed     \$       \$/ per MMBTU consumed     \$       kWh - gas generated (1)     \$       Cost per MWh - gas     \$	489.54	\$	1,111.52	-55.96%	\$	559.92	\$	514.76	8.77%
Gas expense Kennedy & landfill - variable \$ MMBTU's consumed \$ \$/ per MMBTU consumed \$ kWh - gas generated (1) Cost per MWh - gas \$									
MMBTU's consumed \$/ per MMBTU consumed \$/Wh - gas generated (1) Cost per MWh - gas \$	282,076	\$	25,492	1006.53%	\$	813,450	\$	792,264	2.67%
\$/ per MMBTU consumed \$ kWh - gas generated (1) Cost per MWh - gas \$	101,775	•	7,588	1241.26%	•	335,444	-	230,300	45.66%
kWh - gas generated (1) Cost per MWh - gas \$	2.77	\$	3.36	-17.56%	\$	2.42	¢	3.44	-29.65%
Cost per MWh - gas \$	8,793,461	Ψ	159,695	5406.41%	Ψ	26,435,861	Ψ	16,182,725	63.36%
Gas expense BB simple - variable \$	32.08	\$	159.63	-79.90%	\$	30.77	\$	48.96	-37.15%
Gas expense BB simple - variable 5	044700	¢	405 040	400.040/	¢	4 050 400	¢	4 000 000	05.000
	314,793	\$	105,312	198.91%	\$	1,350,490	\$	1,080,238	25.02%
MMBTU's consumed	162,383	\$	42,289	283.98%		673,950		373,895	80.25%
\$/ per MMBTU consumed \$	1.94	\$	2.49	-22.09%	\$	2.00	\$	2.89	-30.80%
kWh - gas generated (1)	14,508,513		3,623,801	300.37%		59,109,507		31,697,500	86.48%
Cost per MWh - gas simple \$	21.70	\$	29.06	-25.33%	\$	22.85	\$	34.08	-32.95%
Gas expense BB combined - variable \$	2,241,770	\$	6,624,964	-66.16%	\$	28,794,151	\$	65,430,408	-55.99%
MMBTU's consumed	1,142,859	Ψ	2,372,636	-51.83%	Ψ	12,695,553	Ψ	20,353,641	-37.63%
		¢			\$		¢		
	1.96	\$	2.79	-29.75%	Ф	2.27	Ф	3.21	-29.28%
kWh - gas generated (1) Cost per MWh - gas combined \$	157,769,527 14.21	\$	330,507,610 20.04	-52.26% -29.09%	\$	1,836,117,315 15.68	\$	2,867,074,419 22.82	-35.96% -31.29%
	668 044	¢	564 712	19 200/	\$	5 580 207	¢	1,980,927	181 800
	668,044	Φ	564,712	18.30%	Ф	5,582,297	φ		181.80%
MMBTU's consumed	424,839	¢	256,533	65.61%	^	3,003,350	¢	780,021	285.03%
\$/ per MMBTU consumed \$	1.57	\$	2.20	-28.64%	\$	1.86	\$	2.54	-26.77%
kWh - gas generated Cost per MWh - gas simple \$	38,571,018 17.32	\$	23,123,567 24.42	66.80% -29.07%	\$	269,042,586 20.75	\$	66,875,543 29.62	302.30% -29.95%
Cost per MWh - gas & oil ct \$	16.53		20.60	-19.76%	\$	16.92		23.39	-27.66%
Natural gas expense - fixed \$	2,519,350		2,966,486	-15.07%	\$	22,150,198		23,348,971	-5.13%
Total generated power:	2,010,000	Ŷ	2,000,400	10.07 /0	Ψ	22,100,100	Ψ	20,040,071	0.107
Fuels expense \$	17,269,769	\$	22,045,649	-21.66%	\$	139,555,251	\$	173,077,584	-19.37%
		Ψ		0.19%	ψ		φ		
kWh generated Cost per MWh \$	719,094,702	\$	717,728,645 30.72	-21.81%	\$	<u>5,732,642,951</u> 24.34	\$	5,388,149,406 32.12	<u>6.39%</u> -24.21%

(1) Allocation of kWh generated is based upon a ratio of gas MBTU's (adjusted to oil equivalent - 95.5%) and oil MBTU's.

Cost of fuels						
Fuel oil #6	\$ 56,543	\$ -	\$	2,778,795	\$ 1,262,985	
Natural gas units #1-3 with landfill - variable	4,643,822	5,859,431		26,982,831	20,175,340	
Coal	2,334,278	1,966,818		18,873,330	31,019,836	
Petcoke	4,079,824	3,890,362		31,686,752	27,512,525	
Fuel oil #2	129,269	42,072		542,957	474,090	
Natural gas - simple cycle (BB & GEC) - variable	1,264,913	695,516		7,746,237	3,853,429	
Natural gas - combined (BB) - variable	2,241,770	6,624,964		28,794,151	65,430,408	
Natural gas - fixed	2,519,350	2,966,486		22,150,198	23,348,971	
Total	\$ 17,269,769	\$ 22,045,649	\$	139,555,251	\$ 173,077,584	

#### JEA Electric System Production Statistics (Con't.)

			onth une			Year-T	o-L Ine	Jate	
		2016		015 restated	Variance	2016		2015 restated	Variance
Production Statistics (Con't.)									
Purchased power:									
Plant Scherer									
Purchases	\$	3,756,524	\$	4,457,194	-15.72%	\$ 40,959,840	\$	38,528,691	6.31%
kWh purchased		118,918,000		120,920,000	-1.66%	722,700,000		966,960,000	-25.26%
Cost per MWh	\$	31.59	\$	36.86	-14.30%	\$ 56.68	\$	39.85	42.24%
TEA & other									
Purchases	\$	8,688,550	\$	4,726,717	83.82%	\$ 49,995,347	\$	37,018,492	35.06%
kWh purchased		212,703,021		99,410,659	113.96%	1,382,198,486		789,991,004	74.96%
Cost per MWh	\$	40.85	\$	47.55	-14.09%	\$ 36.17	\$	46.86	-22.81%
SJRPP									
Purchases	\$	13,373,534	\$	15,039,898	-11.08%	\$ 84,621,456	\$	117,469,595	-27.96%
kWh purchased		225,187,000		294,175,000	-23.45%	1,386,800,000		2,122,221,000	-34.65%
Cost per MWh	\$	59.39	\$	51.13	16.16%	\$ 61.02	\$	55.35	10.24%
Total purchased power:									
Purchases	\$	25,818,608	\$	24,223,809	6.58%	\$ 175,576,643	\$	193,016,778	-9.04%
kWh purchased		556,808,021		514,505,659	8.22%	 3,491,698,486		3,879,172,004	-9.99%
Cost per MWh	\$	46.37	\$	47.08	-1.51%	\$ 50.28	\$	49.76	1.06%
Subtotal - generated									
and purchased power:	\$	43,088,377	\$	46,269,458	-6.88%	\$ 315,131,894	\$	366,094,362	-13.92%
Fuel interchange sales		(147,725)		(38,920)	279.56%	(1,275,805)		(2,394,792)	-46.73%
Earnings of The Energy Authority		(1,282,378)		(410,645)	212.28%	(4,163,162)		(1,350,840)	208.19%
Realized and Unrealized (Gains) Losses:		481,800		-		3,744,600		-	
Fuel procurement and handling		1,149,610		746,680	53.96%	8,107,721		8,350,911	-2.91%
By product reuse		1,385,778		1,130,896	22.54%	12,440,644		10,450,127	19.05%
Total generated and net purchased power:									
Cost, net		44,675,462		47,697,469	-6.34%	333,985,892		381,149,768	-12.37%
kWh generated and purchased	1	,275,902,723		1,232,234,304	3.54%	9,224,341,437		9,267,321,410	-0.46%
Cost per MWh	\$	35.01	\$	38.71	-9.54%	\$ 36.21	\$	41.13	-11.97%
Reconciliation:									
Generated and purchased power per above	\$	44,675,462	\$	35.01		\$ 333,985,892	\$	36.21	
SJRPP operating expenses:								(1.84)	
SJRPP operating expenses: SJRPP O & M		(3,026,280)		(2.37)		(16,961,447)		(1.04)	
		(3,026,280) (3,736,442)		(2.37) (2.93)		(16,961,447) (30,735,296)		(3.33)	
				(2.37) (2.93) 1.37					
SJRPP O & M SJRPP debt service		(3,736,442)		(2.93)		(30,735,296)		(3.33)	
SJRPP O & M SJRPP debt service SJRPP R & R		(3,736,442)		(2.93)		(30,735,296)		(3.33)	
SJRPP O & M SJRPP debt service SJRPP R & R SCHERER operating expenses:		(3,736,442) 1,745,657		(2.93) 1.37		(30,735,296) 15,813,284		(3.33) 1.71	
SJRPP O & M SJRPP debt service SJRPP R & R SCHERER operating expenses: Scherer power production		(3,736,442) 1,745,657 (317,789)		(2.93) 1.37 (0.25)		(30,735,296) 15,813,284 (9,467,294)		(3.33) 1.71 (1.03)	
SJRPP O & M SJRPP debt service SJRPP R & R SCHERER operating expenses: Scherer power production Scherer R & R		(3,736,442) 1,745,657 (317,789) 435,058		(2.93) 1.37 (0.25) 0.34		(30,735,296) 15,813,284 (9,467,294) (6,977,503)		(3.33) 1.71 (1.03) (0.76)	
SJRPP O & M SJRPP debt service SJRPP R & R SCHERER operating expenses: Scherer power production Scherer R & R Scherer transmission Scherer taxes		(3,736,442) 1,745,657 (317,789) 435,058 (456,383)		(2.93) 1.37 (0.25) 0.34 (0.36)		(30,735,296) 15,813,284 (9,467,294) (6,977,503) (3,997,250)		(3.33) 1.71 (1.03) (0.76) (0.43)	
SJRPP O & M SJRPP debt service SJRPP R & R SCHERER operating expenses: Scherer power production Scherer R & R Scherer transmission		(3,736,442) 1,745,657 (317,789) 435,058 (456,383) (89,371)		(2.93) 1.37 (0.25) 0.34 (0.36) (0.07)		(30,735,296) 15,813,284 (9,467,294) (6,977,503) (3,997,250) (872,343)		(3.33) 1.71 (1.03) (0.76) (0.43) (0.09)	
SJRPP O & M SJRPP debt service SJRPP R & R SCHERER operating expenses: Scherer power production Scherer R & R Scherer transmission Scherer taxes		(3,736,442) 1,745,657 (317,789) 435,058 (456,383) (89,371) (710,157)		(2.93) 1.37 (0.25) 0.34 (0.36) (0.07) (0.56)		(30,735,296) 15,813,284 (9,467,294) (6,977,503) (3,997,250) (872,343) (5,510,101)		(3.33) 1.71 (1.03) (0.76) (0.43) (0.09) (0.60)	

#### JEA Electric System SJRPP Sales and Purchased Power

			onth			Year-To-Date June			
		Ju 2016	ine 2	015 restated		Ju 2016		2015 restated	
MWh sales									
JEA		225,187		294,175		1,386,800		2,122,221	
FPL saleback		197,236		181,715		1,109,752		1,301,409	
FPL direct portion		105,606		118,973		624,138		855,908	
Total MWh sales		528,029		594,863		3,120,690		4,279,538	
Fuel costs	\$	8,360,537	\$	10,423,833	\$	52,773,373	\$	74,705,340	
(Includes fuel handling expenses) Less interest credits: inventory bank		(2,971)		(1,438)		(34,929)		(18,174)	
Plus (less): true-up interest		(1,096)		(22)		(447)		(63)	
Total		8,356,470		10,422,373		52,737,997		74,687,103	
Cost per MWh	\$	37.11	\$	35.43	\$	38.03	\$	35.19	
Operating and maintenance expenses		3,027,281		2,190,006		16,964,434		19,419,658	
Less: operations bank interest		(1,001)		(322)		(6,026)		(3,900)	
Less: annual variable o & m true-up		(1,001)		(022)		3,039		(1,184)	
Total		3,026,280		2,189,684		16,961,447		19,414,574	
Cost per MWh	\$	13.44	\$	7.44	\$	12.23	\$	9.15	
Debt service contribution									
Principal		2,331,562		2,988,645		20,984,062		26,654,062	
Interest		1,464,487		1,599,566		13,094,400		15,436,296	
Less credits:		1,404,407		1,000,000		10,004,400		10,400,200	
Reserve Issue 2		116,194		(338,943)		(1,930,657)		(2,302,098)	
				(330,943)				(2,302,090)	
Reserve Issue 3		(13,130)		-		(123,019)		-	
Debt service Issue 2		(106)		(2,134)		(10,672)		(25,496)	
Debt service Issue 3		-		-		(3,058)		-	
Bond proceeds COB		(2,042)		(975)		(4,179)		(10,143)	
General reserve Issue 2		(4,666)		(19,568)		(16,066)		(61,351)	
General reserve Issue 3		(5,574)		(1)		(22,123)		(160)	
Build America Bonds subsidy		(34,190)		(34,007)		(307,712)		(306,061)	
Inventory carrying costs		(71,432)		(54,841)		(564,355)		(500,594)	
Total		3,781,103		4,137,742		31,096,621		38,884,455	
Cost per MWh	\$	16.79	\$	14.07	\$	22.42	\$	18.32	
R & R contribution		339,343		332,777		3,054,088		3,094,548	
Less: interest credit		(44,662)		(17,678)		(461,476)		(373,057)	
Less: cumulative capital recovery amount		(2,085,000)		(2,025,000)		(18,767,221)		(18,238,028)	
Total		(1,790,319)		(1,709,901)		(16,174,609)		(15,516,537)	
Cost per MWh	\$	(7.95)	\$	(5.81)	\$	(11.66)	\$	(7.31)	
Debt service coverage		2,116,000		2,497,000		6,463,000		7,540,000	
Transfer to JEA		(2,116,000)		(2,497,000)		(6,463,000)		(7,540,000)	
Total		- (2,110,000)		- (2,407,000)				(1,040,000)	
Cost per MWh		-		-		-		-	
Total	\$	13,373,534	\$	15,039,898	\$	84,621,456	\$	117,469,595	
kWh purchased		225,187,000		294,175,000		1,386,800,000		2,122,221,000	
	۴		¢		¢		۴		
Cost per MWh	\$	59.39	\$	51.13	\$	61.02	\$	55.35	

## III. A. 6. Monthly JEA Operations Report



## JEA Operations Report as of June 30, 2016

Return to Agenda

III. A. 6. 7/19/2016

# Board of Directors Meeting July 19, 2016





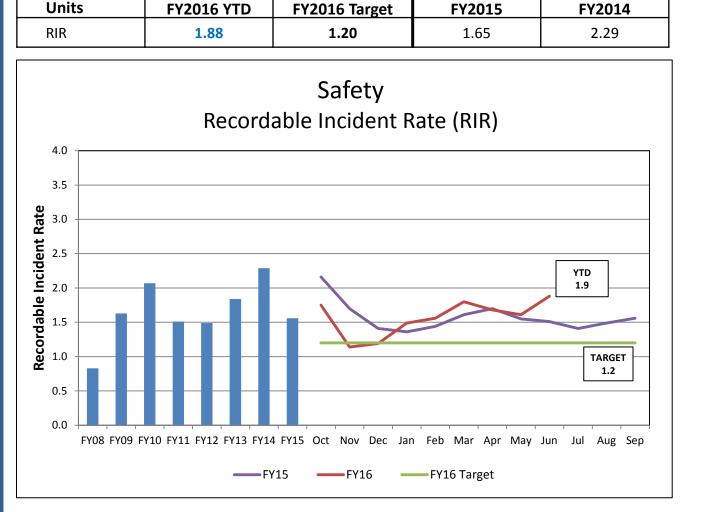
### FY2015

- RIR = 1.65
- # of Recordables = 34
- June YTD Recordables = 25

### FY2016

- June Recordables = 6
- Year to Date Recordables = 29
- 8 (33%) were lost time
  - Electric Systems = 16
  - Water/WW Systems = 9
  - Customer Service = 2
  - Finance/Shared Services = 2
- Continuing to "Plan for Zero"
- Increased focus on:
  - o Complacency
  - o Hand/Finger
  - o Strains, Sprains, Slip/Trip/Fall
  - o 0-5 Year Employees
  - o PPE Use

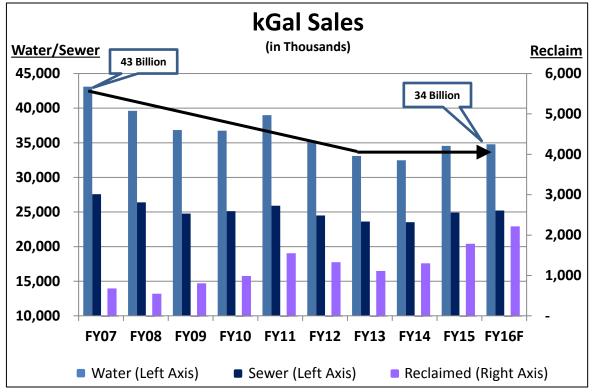
Industry Benchmark\* Average Municipal Utility RIR is 6.3 Average LPPC RIR is 3.7





## JEA Water and Sewer System kGal Sales

in Thousands)



Month	FY15	FY16	%
Oct	3,051	3,120	2.3%
Nov	2,597	2,641	1.7%
Dec	2,708	2,758	1.8%
Jan	2,502	2,527	1.0%
Feb	2,238	2,479	10.8%
Mar	2,732	2,825	3.4%
Apr	2,765	2,914	5.4%
May	3,509	3,523	0.4%
Jun	3,382	3,290	(2.7%)
YTD	25,484	26,077	2.3%
Jul	3,300		
Aug	3,062		
Sep	2,712		
Total/Forecast	34,558	34,781	

<u>Unit Sales Driver</u>: Rainfall down 6 inches; rain days remain unchanged. Irrigation for June 2016 down 17% versus June 2015.

YTD Rain								
	<u>30-Yr. Avg.</u>	FY15	FY16					
Inches	31	28	22					
Days	73	66	66					

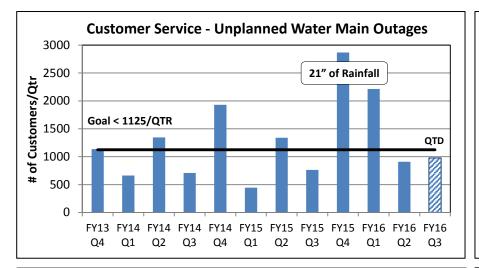
YTD	Customer	Accounts	
	<u>FY15</u>	<u>FY16</u>	_%_
Water	327,047	335,121	2.5%
Sewer	252,471	259,285	2.7%
Reclaimed	6,165	7,866	27.6%

Total System	2.3%	┝
Residential	2.5%	
Comm./Industrial	2.6%	]
Irrigation	0.7%	]



## Customer Reliability Objectives Water and Wastewater System

Water Grid Performance	Metric	FY2016 YTD	FY2016 Target	FY2015	FY2014
Water Main Outages	# of Customers per Year	4,101	4,500	5,629	4,645



#### **Unplanned Water Outages**

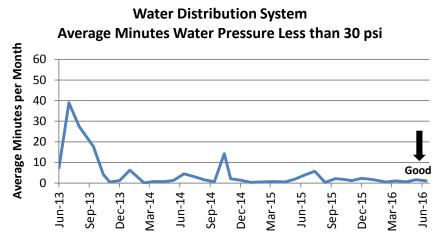
# of Customers Affected by Unplanned Outages has increased due to rainfall and ground saturation

#### Water Pressure (minutes per month < 30 psi)

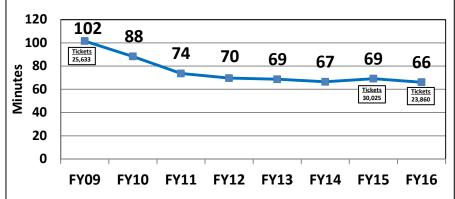
Measured by 110 pressure monitoring stations in the distribution system. Pressure must be greater than 20 psi, and is expected to be greater than 50 psi.

#### **Customer Response Time**

Average time from a customer call to the ticket completion or transfer to a field crew for a more extensive repair



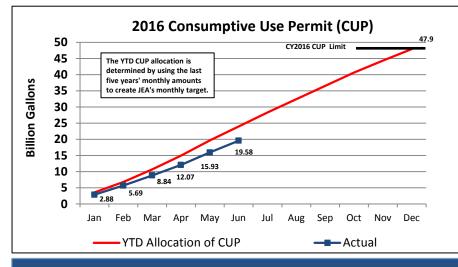
#### **Priority Tickets: Customer Response Time**





## Environmental Compliance Water System – Consumptive Use Permit (CUP)

Compliance	Metric – CY Basis	2016 YTD	2016 Target	2015	2014
Water	CUP Limits (MGD)	108	131 limit	<b>107</b> (129 limit)	104 (127 limit)
South Grid	Wellfield Allocation (MGD)	49.95	< 50.23 limit	47.50 (<50.23 limit)	46.61 (<61.23 limit)
Reclaim	Usage (MGD)	14	15	13	12



### St. Johns River Water Management District CUP

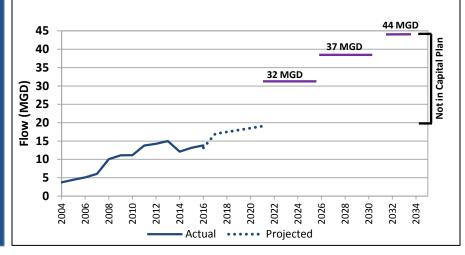
**Condition 12:** YTD average daily flow is 24% below CY limit of 131 MGD

**<u>Condition 44</u>**: South Grid Wellfields have annual operational flexibility of 20% above the allocation limits

**Conditions 37/38:** Use of reclaimed water *"to the maximum extent technologically, economically, and environmentally feasible".* The annual CUP limit continues to increase beginning in FY21 if 32 MGD is achieved.

#### **CUP Condition 44: South Grid Wellfield Allocation Limits**

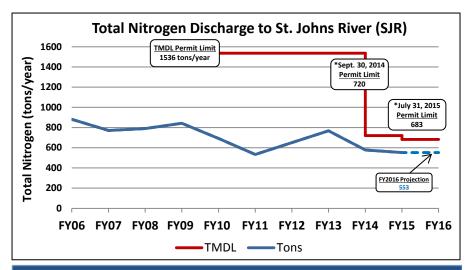
		Actu	uals	YTD	Pos Sep -
Critical Wellfields	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	Limi
Deerwood III	6.96	7.01	6.67	6.57	7.00
Ridenour	5.97	6.39	6.66	7.45	6.85
Oakridge	8.78	6.23	4.99	5.48	5.65
Greenland	· · · · ·	1.53	4.27	4.08	4.53
Brierwood	5.58	4.53	2.84	3.50	3.02
Subtotal	27.29	25.69	25.43	27.07	27.05
Other Wellfields	22.21	20.92	22.07	22.88	23.18
Total South Grid	49.50	46.61	47.50	49.95	50.23
Total System MGD	100	104	107	108	131





## Environmental Compliance Wastewater System

Compliance	Metric	FY2016 YTD	FY2016 Target	FY2015	FY2014	
Sewer	Nitrogen (N) Tons – FY basis	409	600	553 (TMDL of 683*)	577 (TMDL of 720*)	

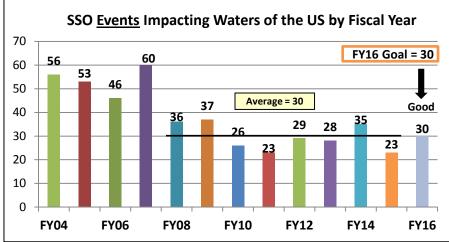


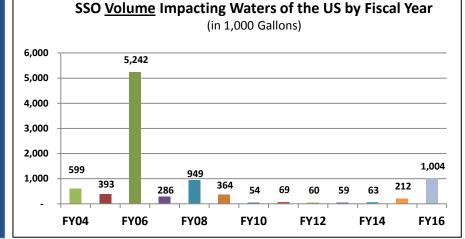
#### Nitrogen Discharge to St. Johns River

Florida Department of Environmental Protection (FDEP) has reduced the Total Maximum Daily Load (TMDL) to 683 tons with Water Quality Trading Credits allocated to the COJ

#### Sanitary Sewer Overflows (SSOs)

FY15 SSO achievement of 23 events matched the FY11 record performance. A single event in October 2015 has elevated the SSO volume for FY16.







## JEA Water and Sewer System Financial Results and Cost Metrics

(\$ in thousands)

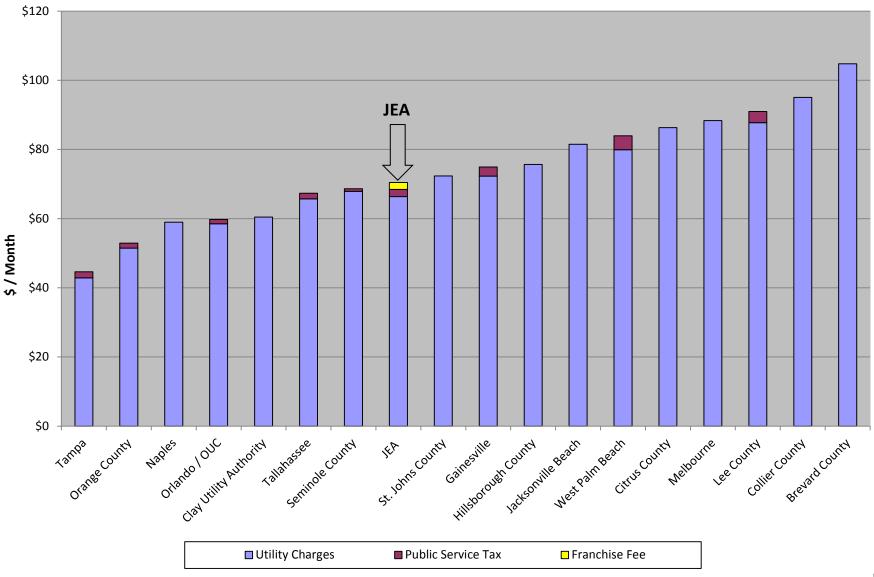
Revenues	FY16 Forecast	FY15 Actual	FY16 Budget	FY16F vs FY15 (\$)	Variance (%)
Water & Sewer Revenues	\$ 398,683	\$ 393,167	\$ 383,162	\$ 5,516	1.4%
Other Revenue	36,490	43,750	34,529	(7,260)	-16.6%
Total Revenues	\$ 435,173 1	\$ 436,917	\$ 417,691	\$ (1,744)	-0.4%
	1	\$17M	<b>^</b>		
Select Expenses					
O & M Expense	\$ 132,130 ②	\$ 127,174	\$ 138,368	\$ (4,956)	-3.9%
Net Revenues	\$ 277,183	\$ 278,471	\$ 254,266	\$ (1,288)	-0.5%
Depreciation \$132 million	<b>^</b>	\$23M			
Capital Expenditures	<b>\$ 156,150</b> ③	\$ 100,806	\$ 175,000	\$ (55,344)	-54.9%
Debt Service	\$ 96,943	\$ 101,108	\$ 105,370	\$ 4,165	4.1%

Metrics	FY16 Forecast
Coverage:	2.9x
Days Cash/Liquidity:	147 / 268
Debt/Asset:	53% (2% lower)
Total Debt:	\$1.6B (\$33M lower)

Cost / KGal	Water	Sewer
Target	\$ 3.98	\$ 7.25
Forecast	4.40	7.68
Difference	\$ (0.42)	\$ (0.43)

## Water & Sewer Rates in Florida

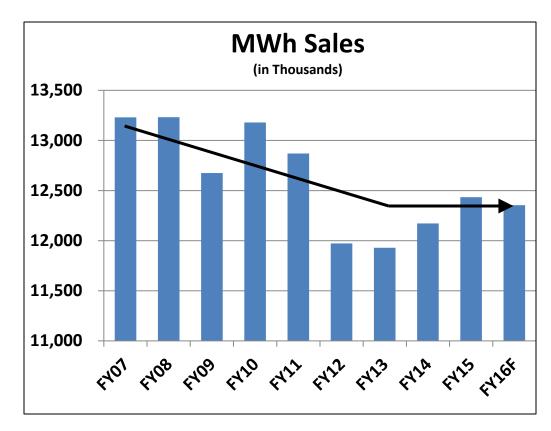
Residential Service with a 5/8" meter and 6 kgals of Consumption Residential Rates as of July 2016





# JEA Electric System

## MWh Sales



Month	FY15	FY16	%
Oct	971,595	952,515	(2.0%)
Nov	895,617	923,705	3.1%
Dec	943,753	922,956	(2.2%)
Jan	1,035,621	1,049,897	1.4%
Feb	934,102	894,563	(4.2%)
Mar	898,524	893,954	(0.1%)
Apr	954,803	900,013	(5.7%)
May	1,062,459	1,089,555	2.6%
Jun	1,187,741	1,231,251	3.7%
Year-to-Date	8,884,214	8,858,409	(0.3%)
Jul	1,254,252		
Aug	1,212,295		
Sep	1,083,446		
Total/Forecast	12,434,208	12,353,692	

Unit Sales Driver: Degree days 6% lower than last year.

YTD Degree Days							
<u>30-yr. Avg.</u>	<u>FY15</u>	<u>FY16</u>					
2,561	2,685	2,518					

YTD Customer Accounts							
<u>FY15</u>	<u>FY16</u>	%					
445,744	453,554	1.8%					

Total System	(0.3%)
Residential	(1.9%)
Comm./Industrial	1.8%
Interruptible	(3.6%)
Wholesale (FPU)	(2.2%)



## JEA FY2016 Performance Objectives **Electric System Reliability Metrics**

T&D Grid Performance Metric		FY2016 YTD	FY2016 Target	FY2015	FY2014
<b>Customer Outage Frequency</b>	# of Outages per Year	1.7	1.8	1.7	1.7
Electric Outage Duration	# of Minutes out per Year	84	80	99	71
Transmission Line Faults	# of Faults per 100 miles	1.7	3.0	1.7	2.4
CEMI₅	% Customers > 5 outages per yr	2.0	1.5	2.1	2.34



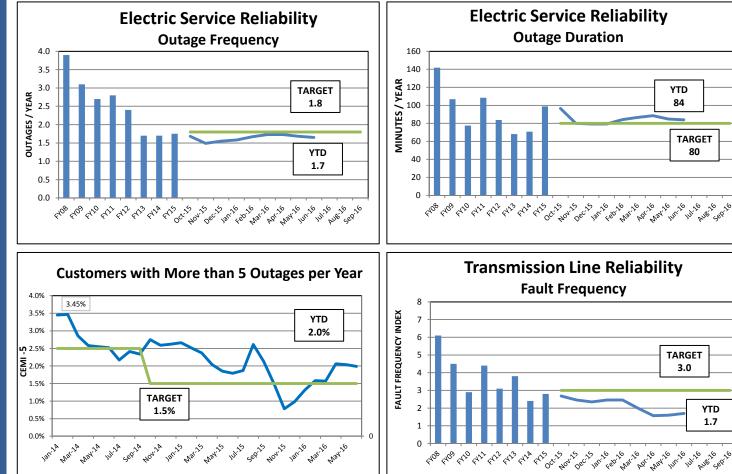
- · Outage frequency and duration have been reduced significantly over the last 8 years; running flat this year and near the FY2016 targets.
- The typical JEA customer sees 1.7 outages per year and a total outage duration of 84 minutes
- CEMI<sub>5</sub>: 9,241 (2.0%) of our customers have experienced more than 5 outages in the past 12 months

#### **Transmission Line** Reliability

- Overall downward trend over the last eight years
- YTD (1.7) running below the FY16 target

#### **Other Operational Metrics**

 Continue showing favorable trends over time



YTD

84

TARGET

80

TARGET

3.0

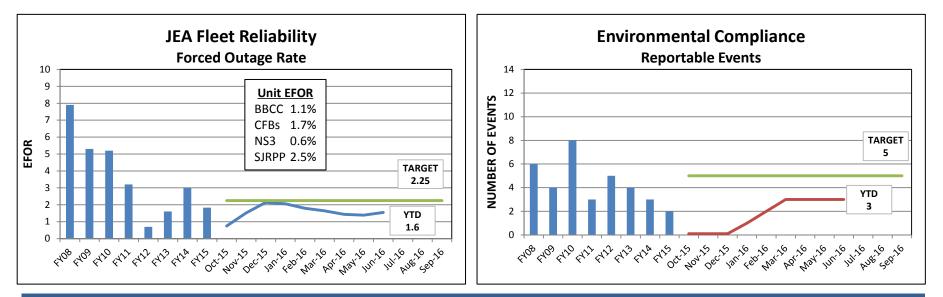
YTD

1.7



## JEA FY2016 Performance Objectives Electric System Reliability Metrics

Generating Plant Performance	Metric	FY2016 YTD	FY2016 Target	FY2015	FY2014
Generation Fleet Reliability	Forced Outages Rate	1.6	2.25	1.8	3.0
Environmental Compliance	Permit Exceedances	3	5	2	3



#### **Generating Fleet Reliability**

- The JEA fleet Forced Outage Rate is in line with prior 5-year performance and under FY2016 target of 2.25
- Successful outages completed last fall on all three Northside Units, with additional work completed this spring at Brandy Branch, SJRPP and Scherer.
- High unit reliability contributes to lower fuel and non-fuel expenses

#### **Environmental Compliance**

- Excellent environmental performance in prior years.
- We've experienced three reportable event to date during FY2016.
- JEA remains actively engaged in and preparing for all new and emerging environmental regulations.



## JEA Electric System Financial Results and Cost Metrics

(\$ in thousands) FY16 vs FY15 (\$) Variance (%) Revenues FY16 Forecast FY15 Actual **FY16 Budget** 486,362 <sup>2</sup> 418,526<sup>1</sup> -13.9% **Fuel Revenue** Ś Ś Ś 485,631 \$ (67,836) Base Revenue 735,678 741,411 711,502 (5,733)-0.8% Other Revenue 38.623 38.183 51,716 439 1.2% \$ 1,192,826 \$ 1,265,956 \$ 1,248,849 \$ (73, 130)-5.8% **Total Revenues** \$(56M) **Select Expenses** Fuel Expense Ś 388,965 Ś 441,076 Ś 460,315 \$ 52,111 11.8% **Fuel Fund Transfers** 29,561 45,286 25,255 15,725 O & M Expense 199,776 222,827 (8,013) 191,764 -4.2% Non-fuel Purchased Power 94.443 114,804 113,015 20,361 17.7% Ś 465,205 Ś 405.311 Ś Ś 461.604 3,601 Net Revenues 0.8% \$60M 153.200<sup>3</sup> **Capital Expenditures** 158.621 Ś 116.728 \$ Ś (41,893) -35.9% Ś Debt Service 174,695 Ś 175,779 185,614 Ś 1,084 0.6% Electric Costs / MWh Non-Fuel **Financial Metrics Fuel Fund FY16 Forecast** (\$ in millions) \$ 49.44 2.7x \$ 151 Coverage: **Beginning Balance** Target Days Cash/Liquidity: 204 / 325 Actual Surplus/(Deficit) 86 51.78 Debt/Asset: 66% (2% lower) \$ (2.34) **Fuel Credit** (57)Difference

\$3.0B (\$150M lower)

Total Debt:

<sup>1</sup> Net of \$57 million fuel credit in October bill and fuel rate reduction in February

<sup>2</sup> Net of \$50 million fuel credit in FY15

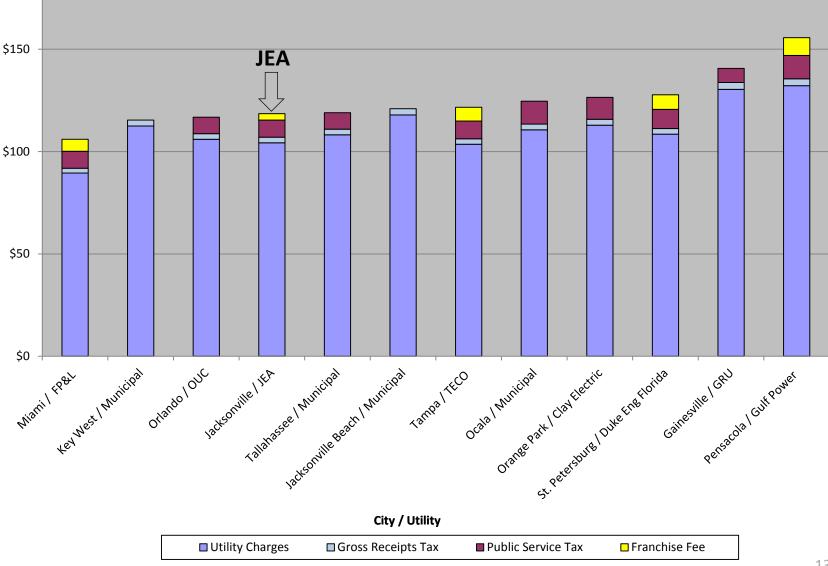
<sup>3</sup> Council approved limit for capital expenditures in FY15 is \$170 million

\$ 180

**Ending Balance** 

## Florida Utilities Monthly Residential Electric Bill Comparison

(Consumption @ 1,000 kWh) Residential Rates as of July 2016





**JEA Operations Report** 

# **Customer Experience**

Presenter: Monica Whiting

Date: July 2016

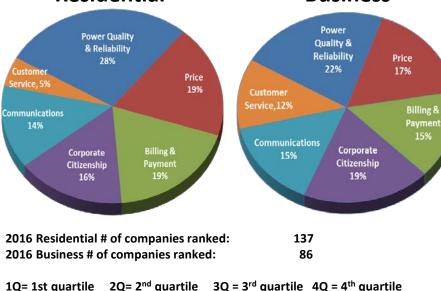
## **FY16 Customer Satisfaction Goal**

Achieve 1st Quartile Ranking for JD Power Customer Satisfaction Index for both Residential and Business Studies

### **Residential (R)**

FY14		FY15		Wave 1		Wave 2		Wave 3		Wave 4		FY16 YTD	
3Q	647	1Q	692	2Q	698	2Q	700	1Q	720			1Q	706





### Achieve 1st Quartile Ranking on All Drivers

#### Be Easy to Do Business With

**Customer Service** 

	FY15		Wave 1		Wave 2		Wave 3		Wave 4		FY16 YTD	
R	1Q	775	1Q	777	1Q	777	1Q	799			1Q	784
В	1Q	754	1Q	798	2Q	767					1Q	782

#### Power Quality & Reliability

	FY	15	Wa	ve 1	Wa	ve 2	Wa	ve 3	Wa	ve 4	FY16	YTD
R	2Q	736	2Q	744	2Q	751	1Q	766			2Q	753
В	2Q	736	1Q	813	1Q	774					1Q	794

### **Empower Customers to Make Informed Decisions**

**Billing & Payment** 

	FY	15	Wa	ve 1	Wa	ve 2	Wa	ve 3	Wa	ve 4	FY16	YTD
R	1Q	755	2Q	753	1Q	770	1Q	778			1Q	767
В	1Q	756	1Q	809	2Q	762					1Q	785

#### Communication

	FY	15	Wa	ve 1	1 Wave 2		Way	ve 3	Wave 4		FY16 YTD	
R	1Q	653	2Q	660	2Q	654	1Q	687			1Q	667
В	1Q	648	1Q	741	1Q	701					1Q	721

#### Price

	FY	FY15 Wave 1		Way	ve 2	Wa	ve 3	Wa	ve 4	FY16	YTD	
R	2Q	615	2Q	619	2Q	620	1Q	645			2Q	628
В	1Q	650	1Q	728	2Q	674					1Q	701

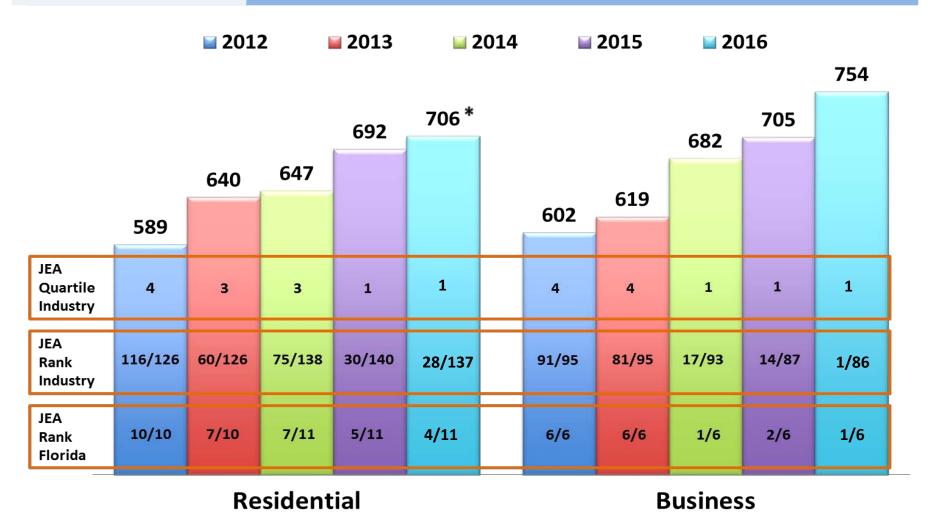
#### **Demonstrate Community Responsibility**

**Corporate Citizenship** 

	FY15 Wave 1		ve 1	Wa	ve 2	Way	ve 3	Wa	ve 4	FY16	FY16 YTD	
R	2Q	634	2Q	655	2Q	635	1Q	667			1Q	652
В	1Q	673	1Q	736	1Q	727					1Q	731



## **Customer Satisfaction Index Scores**



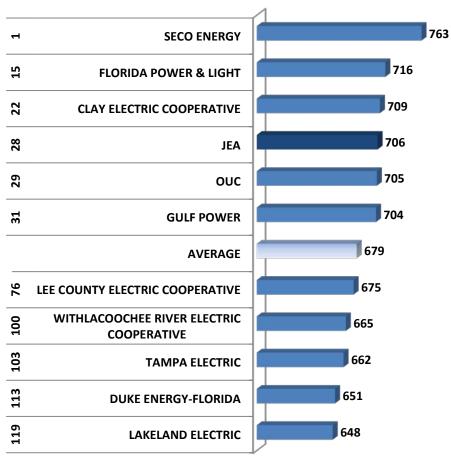
\* Data for residential is YTD with the recent Wave 3 survey results. Business is final for 2016



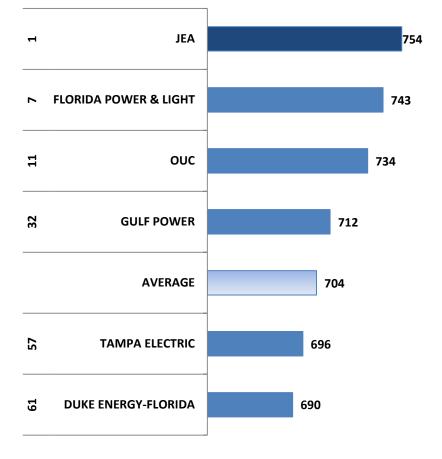
## **Customer Satisfaction Index Scores**

### **Florida Utilities**

### Residential



### **Business**



- Data for residential is YTD with the recent Wave 3 survey results ranking 137 utilities
- Business is final for 2016 ranking 86 utilities

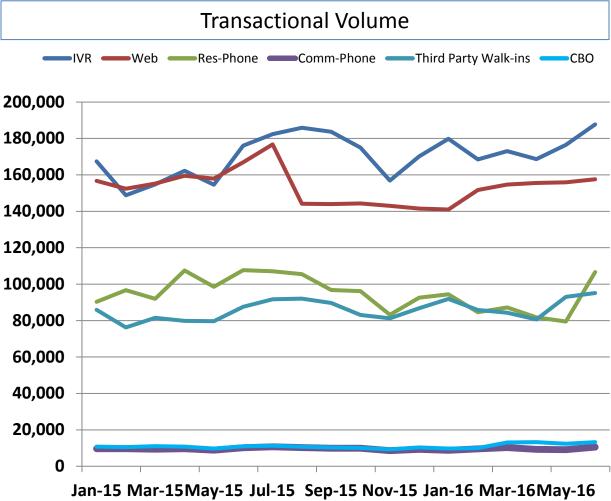


**Providing multiple contact** 

## Easy to do Business With

### **Customer Service**

channels allows the customer to interact with JEA in a way that's easiest for them. **Customer Satisfaction** Rating: 8s-10s by Channel - JDP **FY15 FY16** Ind. Phone 65.5% 72.9% 61.2% CCC 60.8% 52.2% 60.5% IVR 68.5% 80.9% 61.4% Web 74.0% 61.9% 60.8%





## Easy to do Business With

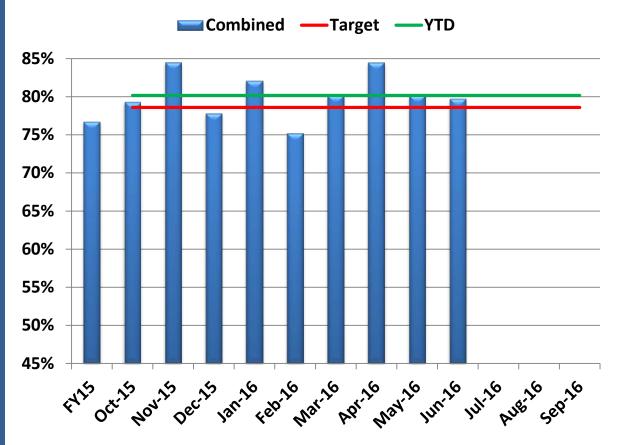
**Customer Service** 

Accurately addressing a customer's needs the first time produces a positive customer experience

### FY2016 YTD

Desidential C	<b>^</b>	70 70/	
Residential C		78.7%	
Branches		81.7%	
Commercial C	c	75.4%	
IVR		82.0%	
jea.com		<u>79.3%</u>	
Overall		80.2%	
	JD Powe	er FCR	
	FY15	FY16	Ind.
Res CC/IVR	74.3%	75.6%	73.2%
Jea.com	80.2%	76.0%	74.6%
Bus CC/IVR	73.8%	71.4%	67.8%

First Contact Resolution Branches, Call Centers, and jea.com





## Easy to do Business With Power Quality & Reliability

Customers are more satisfied when receiving additional information when reporting an outage and when given updates when power is restored

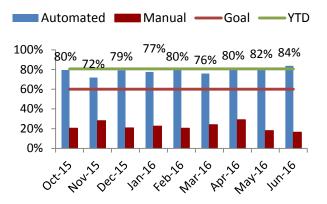
### JD Power "Keeping you informed about outage"

Score	FY15	FY16	Ind.
8 - 10	36.1%	39.5%	35.0%
< 5	24.1%	19.7%	20.2%

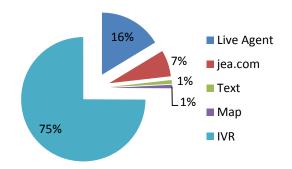
### **#** Outage Information Points

	FY15	FY16 YTD
JEA	2.3	2.1
Ind.	2.1	2.1

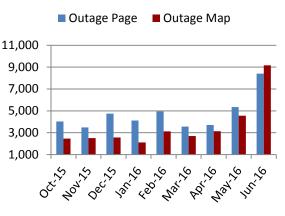
#### **Automated Outage Reporting**



#### **Outage Reporting by Channel**

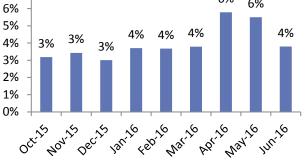


#### jea.com Outage Page Volume



## % Customers Receiving Outage Updates

7%





## Empowering Customers to Make Informed Decisions

### Billing & Payment: Customer Solutions

<b>Customer Solution Participation</b>	FY16 Goal	FY16 YTD
e-Billing Participation	72,600	72,221
Levelized Bill Participation	20,186	19,790
AutoPay Participation	36,640	33,220
JEA MyWay Participation	11,235	★ 12,213



Congratulations to Mr. Rambo for being 1 of 3 lucky winners in our JEA eBill Apples or Apple Giveaway!



JEA AutoPay Campaign through August 31<sup>st</sup>

	FY16YTD	Industry Benchmark*				
e-Bill	17.7%	18.5%				
Budget Bill	4.9%	9.0%				
Auto Pay	8.2%	13.0%				
*2015 IOU Benchmark Average						



## **Empowering Customers to Make Informed Decisions** Communications

**Communicating with** customers is a key driver of satisfaction and impacts all drivers.

**JDP Frequency of Comm** Received FY16 YTD Not enough 8% 86% Just right Too much 6%

#### **JDP Comm Awareness** Residential

FY13	48.8%
FY14	51.9%
FY15	54.6%
FY16 YTD	55.0%

#### Commercial **FY13** 53.4% **FY14** 55.7% **FY15** 70.4%

54.8%

FY16 YTD



JEA AutoPay: "It's Simplicity"



#### JEA HydroLogic!

EA has partnered with MOSH to build a new outdoor exhibit designed to encourage sustainability and water efficiency in gardens and landscaping. The exhibit is called JEA HydroLogic. Check it out and see how using water responsibly outdoors can be beautiful, fan and smart! Learn more about JEA HydroLogic at joa.com/themosh. HYDROLOGIC



Environment

iorida residents have a safe

and plentitul supply of clear

menution. Not only will you

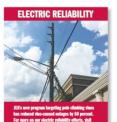
drinking water for luture

penerations. Think water

save water, but money, too

emember: every drop

00000







- e-Com (jea.com, email, social) 27,310,910
- Paid Media (Radio, TV, Print) 159,343,404
- Community Engagement (Events, Workshops) 390,041
- Other Communication (Bill Inserts, Brochures, 9.744.080



A Share Comment



# **JEA** a Building Community

## Empowering Customers to Make Informed Decisions Corporate Citizenship

Giving back to our community through volunteering is foundational as a community-owned utility

### FY16 YTD Volunteers—679

#### June – 124 Volunteers

- Salvation Army
- HabiJax Blitz Build
- Aging True at Cathedral Terrace
- Hubbard House
- Feeding NE Florida Food Bank
- Dignity U Wear

#### July–Vol. Events

- July 5<sup>th</sup> Beaches Clean-up
- Dignity U Wear July 14
- Aging True at Cathedral Terrace – July 14
- First Coast No More Homeless
   Pets July 15 thru 17
- Feeding NE Florida Food Bank July 22
- Aging True at Cathedral Terrace – July 28

### JEA Employee Volunteer Participation

#### JEA June 23 at 4:00pm · @

JEA joined HabiJax in congratulating its 2,000th homeownerl JEA also provided conservation bags to families whose homes were built during the June HabiJax Biltz. See other ways in which we help build our community: jea.com/community





JEA Ambassadors participated in Annual Mental Home Buyers Expo. Ambassadors shared information with homeowners/potential homeowners about JEA products, services and conservation tips.

### JEA Ambassador Program



JEA Ambassadors delivered the new 1-Hour JEA Power Pals Program at The Legends Center during their summer camp session to 5 – 8 year olds. Teaching the youngsters about electric and water safety.



JEA Ambassadors are engaging customers throughout our community in a greatly expanded

way.

### **FY16 Activities:**

- Speakers Bureau—62
- Facility Tours—33
- Community Events—85
- Educational Partnership Activities—31





## Demonstrating Community Responsibility

Corporate Citizenship: Environmental

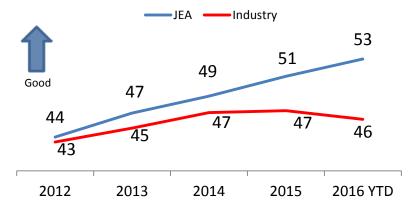
DSM Programs & Participation	FY16 Goal	FY16 YTD
On-site Efficiency Assessment	N/A	4,483
Tracker Participation (Entering Site)	105,000	79,497
Invest Smart	230	165
Shop Smart	61,851	33,266
Neighborhood Energy Efficiency	1,280	951
Electric Vehicle Rebates	55	37
Charging Stations Installed	26	29

### Jacksonville designated as a U.S. Clean City

The city of Jacksonville was awarded the DOT official designation, led by the <u>North Florida Transportation</u> <u>Planning Organization</u> (TPO) and its Clean Fuels Coalition.



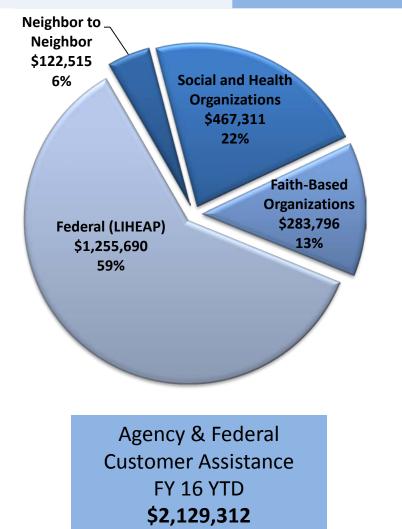
JEA has been active board member of Clean Fuels Coalition for the past 7 years. Familiarity with Utility Energy Efficiency or Conservation Programs (%)





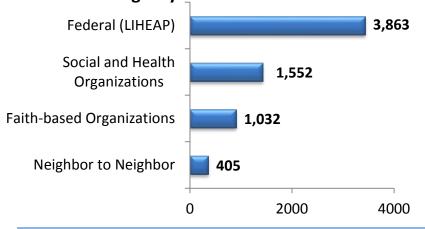
## Demonstrating Community Responsibility

Corporate Citizenship: Customer Assistance Funding



28 agencies provided 721 utility payments on behalf of JEA customers in June 2016 totaling \$228,554





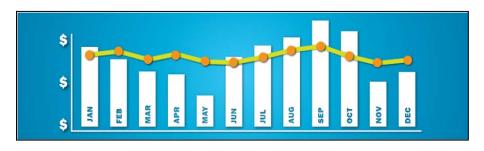
Number of Customers Receiving Agency & Federal Utility Assistance FY 16 YTD **6,852** 



## Continuous Improvement Tracker

## Empowering Customers to Make Informed Decisions/Being Easy to do Business With

- Process improvements cuts the time in half to start/stop/ re-enter customers in our systems
  - Will enable quicker call handling time for customers and improve consistency
- New process to identify individual "Pre-Pay" customers who do not have a "2-Way" meter
- MyBudget Automation allows for calculation, balance due and email notification
- MyBudget Self-service LIVE on jea.com
  - o Get an estimate of MyBudget payment
  - o Make changes to current program enrollment



## **Corporate Citizenship**

- Agency Notification process allows Agency to be notified via email when Voucher customers receive payment
- SCAM ALERT Flyer with Top Tips to avoid known scams
- Small Business Program has been re-designed and re-launched to provide energy management and rebate assistance to small and medium business
  - Partnership with Chamber of Commerce, Northeast Florida Community Action Agency and Small Business Development Alliance
- JEA 2015 Water Quality Report on jea.com
  - Customers can download report or pick up a printed copy at any branch of the Jacksonville Public Library



## III. A. 7. Monthly FY16 Communications & Engagement Calendar and Plan Update

Return to Agenda

### JEA Community Engagement Calendar - June - August 2016

III. A. 7. 7/19/2016

	А	В	С	D	E	F
1	Date	Event/Activity	Location	Time	Туре	Opportunity for Public to Attend or Participate
2	Jun-16					
3	6/1/2016	Fidelity National Financial Storm Prep Fair	601 Riverside Ave.	9am	Ambassador Event	Yes
4	06/02/16	A1A Solar	NGS Tour	10am	Ambassador Facility Tour	No
5	06/02/16	Nemours Annual Hurricane Prep Event	10140 Centurion ParkwayNemours Childrens Clinic	9am	Ambassador Speaker	Yes
6	06/02/16	Industrial Pretreatment Awards	WWSC	5pm	Ambassador Event	No
7	06/02/16	Math Relates	Landon Middle School	10am	Ambassador Speaker	No
8	06/03/16	JP Morgan Chase Storm Prep	7301 Baymeadows Way	10am	Ambassador Event	No
9	06/04/16	Home Buyers Expo	UNF	9am	Ambassador Event	Yes
10	06/04/16	Home Buyers Expo	UNF	10am	Ambassador Speaker	Yes
11	6/6 - 11/2016	Habijax Home Blitz Build	TBA	Various	Volunteer Project	No
12	06/08/16	Southside Business Men's Club	San Jose Country Club	12noon	Ambassador Speaker	No
13	06/09/16	Facility Tour - JEA Lab Group	Buckman WWTP	9am	Ambassador Facility Tour	No
14	06/09/16	NW CPAC Meeting	Legends Center	6pm	Ambassador Speaker	Yes
15	6/10/2016	The Learning Center	819 Park St.	12:30pm	Ambassador Speaker	Yes
16	6/10/2016	Hazen & Sawyer Faciity Tou	SW WR		Ambassador Facility Tour	
17	6/13/2016	Arlington CPAC Meeting	Craig Airport	6pm	Ambassador Speaker	Yes
18	6/13/2016	SW CPAC Meeting	FSCJ Kent Campus	6pm	Ambassador Speaker	Yes
19	6/14/2016	Riverside Presbyterian Apts.	1045 Oak St.	1pm	Ambassador Speaker	Yes
20	6/14/2016	HILL of Northeast FL	6675 Corporate Center	6pm	Ambassador Speaker	Yes
21	6/16/2016	Buckman Facility Tour - JEA Safety Group	Buckman WWTP	9am	Ambassador Facility Tour	No
22	6/16/2016	Facility Tour - JEA Accounting Group	Buckman WWTP	1pm	Ambassador Facility Tour	No

### JEA Community Engagement Calendar - June - August 2016

	А	В	С	D	E	F
23	6/16/2016	Neighborhood Alliance Development Corp	1301 Myrtle Ave.	6pm	Ambassador Speaker	Yes
24	6/17/2016	FI - WARN Coordination Meeting	Buckman WWTP	10am	Ambassador Event	No
25	6/18/2016	Q&A With JEA	WOKV Studio	8am	Ambassador Speaker	No
26	6/18/2016	Nocatee Farmers Market	Nocatee Area	8am	Ambassador Event	Yes
27	6/20/2016	Teen Leaders of America	NGS Tour	10am	Ambassador Facility Tour	No
28	6/21/2016	FMEA	FMPA Office	9am	Ambassador Speaker	No
29	6/22/2016	Henry Schein Inc.	8691 Jesse B Smith Court	10am - 1pm	Ambassador Speaker	No
30	6/22/2016	Black Male Explorers	Edward Waters College	9am	Ambassador Speaker	Yes
31	6/23/2016	WJCT Storm Preparedness Panel	WJCT Studio	8am	Ambassador Speaker	Yes
32	6/25/2016	Healthy Caregiver Festival	Edward Waters College	10am - 2pm	Ambassador Event	Yes
33	6/25/2016	National Homeownership Month	5310 Lenox Ave	10am - 2pm	Ambassador Event	Yes
34	6/25/2016	WOKV JEA Radio	WOKV Studio	9am	Ambassador Speaker	No
35	6/27/2016	Downtown Kiwanis Club	Doubletree Hotel	12:30pm	Ambassador Speaker	No
36	6/28/2016	1 Hour Power Pals Program	Legends Center	11am	Ambassador Instructor	No
37	6/29/2016	1 Hour Power Pals Program	Mary L Gibbs Center	11am	Ambassador Instructor	No
38	Jul-16					
39	7/5/2016	1 Hour Power Pals Program	RF Kennedy Center - 1133 Ionia St	11am	Ambassador Instructor	No
40	7/6/2016	Bolles School Environmental Science APSI Class	Buckman Plant	8:30am	Ambassador Facility Tour	No
41	7/6/2016	1 Hour Power Pals Program	Cecil Community Center - 13611 Normandy Blvd.	11am	Ambassador Instructor	No
42	7/7/2016	1 Hour Power Pals Program	Emmett Reed Center - 1092 W 6th St	11am	Ambassador Instructor	No
43	7/8/2016	1 Hour Power Pals Program	Cuba Hunter Park - 3620 Bedford Rd.	11am	Ambassador Instructor	No
44	7/8/2016	1 Hour Power Pals Program	Windy Hill Center - 10540 Anders Blvd.	11am	Ambassador Instructor	No

### JEA Community Engagement Calendar - June - August 2016

	А	В	С	D	E	F
45	7/8/2016	1 Hour Power Pals Program	Livingway Kingdom KARE Camp	11am	Ambassador Instructor	No
46	7/11/2016	1 Hour Power Pals Program	Julian Barrs Center - 10151 Crystal Springs Rd.	11am	Ambassador Instructor	No
47	7/11/2016	1 Hour Power Pals Program	Johnson YMCA - 5700 Cleveland Rd.	9am	Ambassador Instructor	No
48	7/11/2016	1 Hour Power Pals Program	Johnson YMCA - 5700 Cleveland Rd.	9am	Ambassador Instructor	No
49	7/12/2016	GRASP Academy	3101 Justina Rd	9am	Ambassador Speaker	No
50	7/12/2016	1 Hour Power Pals Program	Oceanway Center - 12215 Sago Ave.	11am	Ambassador Instructor	No
51	7/13/2016	First Coast Alliance of Hazardous Materials Professionals	NGS Tour	9am	Ambassador Facility Tour	No
52	7/14/2016	1 Hour Power Pals Program	Balis Center - 1513 LaSalle St.	11am	Ambassador Instructor	No
53	7/19/2016	1 Hour Power Pals Program	HT Jones Center - 3856 Grant Rd.	11am	Ambassador Instructor	No
54	7/20/2016	1 Hour Power Pals Program	Johnson YMCA - 5700 Cleveland Rd.	9am	Ambassador Instructor	No
55	7/20/2016	1 Hour Power Pals Program	Johnson YMCA - 5700 Cleveland Rd.	9am	Ambassador Instructor	No
56	7/21/2016	Arlington Lions Club	6523 Commerce St.	6pm	Ambassador Speaker	No
57	7/27/2016	Deutsche Bank Lunch & Learn	5022 Gate Parkway, Bldg 400	12pm	Ambassador Speaker	No
58						
59	7/30/2016	Jacksonville Housing Authority Back to School Bash	1085 Golfair Blvd	11am	Ambassador Event	Yes

### JEA Community Engagement Calendar - June - August 2016

	А	В	С	D	E	F
60	Aug-16					
	8/3/2016	YMCA Thingamajig	Edward Waters - 1859	10am 2:20nm	Ambassadar Event	Vec
61	8/3/2010	Convention	Kings Rd.	10am - 3:30pm	Ambassador Event	Yes
62	8/9/2016	Active Kids Facility Tour	Main St Lab	10am	Ambassador Facility Tour	No
63	8/10/2016	Rotary Club of Southpoint	Embassy Suites	12noon	Ambassador Speaker	No
	8/27/2016	Operation New Hope	1830 N Main St	9am	Ambassador Event	Yes
64	8/2//2010	Health & Resource Fair		9d11	AIIIDASSAUUI EVEIIL	Tes
65						
66						
67						

#### Return to Agenda



#### FY16 Communications & Community Engagement Overview and June/July Update

<u>Overview:</u> Each month we update the board on communications and community engagement activities for the previous and current months. The purpose is to keep you informed about these activities so that you are knowledgeable about JEA's efforts to keep our customers informed, to assist them in the management of their utility services and to be a good corporate citizen.

<u>Communications</u>: During June we did a lot of communications about preparation for hurricane season and asked customers to update their contact information on their JEA account in case we need to contact them with storm related information. In June and early July, we also urged customers to pay attention to the weather and increase their thermostat setting to avoid high bills after the extreme heat we have been experiencing. July 1, we kicked off our AutoPay sign-up campaign where we offer a minigrill or a Blue Apron gift certificate to three lucky customers who sign up during the campaign period. We continued all key messages that were identified by J.D. Power as critical to customers. All paid and owned messaging is supported by social media, using Twitter, Facebook, Linkedin, Google+ and YouTube to provide additional timely, relevant information.

<u>Community Engagement:</u> JEA employees are actively involved in our community engagement efforts. JEA Ambassadors participate in activities where we have an opportunity to help customers manage their utility services and/or to educate customers about how JEA provides critical utility services to our community. These employees are trained and certified ahead of time to help JEA deliver on our mission. On the other hand, JEA Volunteers go out into the community to assist nonprofits accomplish their goals by offering their time and talents to help the nonprofit deliver their mission. Volunteers do not have to have any special training or talent; they just have a caring heart.

In June, Ambassador activities included participation in 18 speaking engagements and 10 community events/activities in support of Nemours Annual Hurricane Prep, Math Relates, Home Buyers Expo Workshop, Southside Business Men's Club, NW CPAC Meeting, The Learning Center, Arlington CPAC Meeting, SW CPAC Meeting, Riverside Presbyterian Apts., HILL of Northeast FL, Neighborhood Alliance Development Corp, FMEA, Henry Schein Inc., Black Male Explorers, WJCT Storm Preparedness Panel, Downtown Kiwanis Club, Fidelity National Financial Storm Prep Fair, Industrial Pretreatment Awards, JP Morgan Chase Storm Prep, Home Buyer Expo, FL WARN Coordination Meeting, Nocatee Farmers Market, Healthy Caregiver Festival, and National Homeownership Month. Below, JEA Employee Ambassadors participated in Annual Mental Home Buyers Expo, sponsored by the Times-Union. Ambassadors shared information with homeowners and potential homeowners about JEA products and service and conservation.



In June, JEA volunteers came out in support of the week-long HabiJax Blitz Build, Hubbard House, and Dignity U Wear in addition to the programs below.



Salvation Army







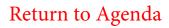
Feeding NE FL Food Bank

As a community-owned utility, JEA employees take a great pride in the Ambassador and Volunteer programs and these programs go a long way to tangibly demonstrate to customers and the community the incredible "Heart of JEA."

Communications Contacts* Generated Year to Date	196,788,435
Number of Paid Communications Contacts	159,343,404
(Radio, Television, Out of Home, Online, Print)	
Number of Other Communications Contacts	9,744,080
(Bill Insert, Bill Envelop, Brochure, etc.)	
Number of E-communications Contacts	27,310,910
(jea.com Visitors, Email, Social Media, Videos)	
Number of Community Engagement Communication	ions Contacts 390,041
(Events, Public Speaking, Presentations, Training, V	Workshops, etc.)

\*Communications Contacts are the opportunities we have to communication information to our customers.

III. B. 1. Monthly Operational and Financial Presentation





III. B. 1. 7/19/2016

#### July 12, 2016

SUBJECT:	MONTHLY OPI	ERATIONAL	AND FINANCIAL I	PRESENTATI	ON
Purpose:		ation Only	Action Req	uired	Advice/Direction
included in the	monthly Board p	ackage in the		This monthly	nd Operations reports are operational and financial
	JEA is operating leen monthly rep			are minimal ch	anges in trends and budget
Effect: N/A					
Cost or Benef	it: N/A				
Recommende	d Board action:	This presenta	ation is provided fo	r information c	only.
For additional	l information, co	ntact: Paul M	IcElroy		
Submitted by: PEI	М				
	Energizing our community through high-value energy and water solutions.	JEA is a premier service provider, valued asset and vital partner in advancing	Safety - Safety - Service - Growth <sup>2</sup> - Accountability		nents to Action Irrn Customer Ivalty Eliver Business cellence

partner in advancing our community.

Integrity

**3** Develop an

Unbeatable Team



Monthly Operating and Financial Reporting Summary

Return to Agenda

# Board of Directors July 19, 2016



### Water & Wastewater Monthly Operations Scorecard

Water & Wastewater	FY2015	FY2016 Goal/Budget	FY2016 YTD	Status
JEA Safety RIR	1.65	1.20	1.88	0
Sales Forecast (kGals in 1000's)	34,558	35,000	34,781	$\bigcirc$
Water Main Outages (# cust.)	5,659	4,500	4,101	$\bigcirc$
CUP Compliance	Yes	Yes	Yes	$\bigcirc$
Nitrogen to the River (tons)	553	600	409	$\bigcirc$
Sanitary Sewer Overflows (SSO's)	23	30	30	0
Significant Occurrences or Concern	s This Month			

- Nitrogen to the River forecast is 553 tons, 130 tons below the FDEP limit of 683
- Four (4) SSO's during June, where JEA's average of 30/year is best-in-class
- \$14 million River Crossing Force Main project on schedule provides critical risk mitigation when complete
- FY 16 Capital Program forecast is > \$150 million, expanding from \$100M in FY15 and \$77M in FY14



### Electric Monthly Operations Scorecard

Electric System	FY2015	FY2016 Goal/Budget	FY2016 YTD	Status
JEA Safety RIR	1.65	1.20	1.88	0
Sales (million MWh)	12.4	12.2	12.4	$\bigcirc$
T&D Grid Performance Customer Outage Frequency (outages/year) Electric Outage Duration (minutes/year) Transmission Line Faults (# per 100 miles) CEMI <sub>5</sub> (% cust. > 5 outages/year)	1.7 99 1.7 2.1	1.8 80 3.0 1.5	1.7 84 1.7 2.0	
Generating Plant Performance Generation Fleet Reliability (forced outages rate) Environmental Compliance (permit exceedances)	1.8 2	2.25 5	1.6 3	

#### Significant Occurrences or Concerns This Month

- The Brandy Branch planned spring outage resulted in discovery of a cracked rotor on both CTs which added both time and cost (approximately \$15M capital). The combined cycle unit has been returned to service.
- Widespread thunderstorms thus far this year has slightly degraded outage metrics. Excellent recovery work however, by JEA field crews.



### **Financial Results and Cost Metrics**

Electric Systems Metrics Forecast					
	Rating Agency/ Perform. Goal	Forecast	Score		
System Sales (GWh)	12,000	12,354	$\bigcirc$		
Base Revenue Growth	(1.8%)	0.9%	$\bigcirc$		
Debt Svc. Coverage	2.4x	2.7x	$\bigcirc$		
Days Liquidity	303	325	$\bigcirc$		
Days Cash	189	204	$\bigcirc$		
Debt/Asset %	66%	66%	$\bigcirc$		
Non-Fuel/MWh (2012: \$54.74)	\$49.44	\$51.78	0		
Net Funded Debt Reduction	125,451	145,451	$\bigcirc$		
Capital Expenditures (in 000's)	159,861	158,621	$\bigcirc$		
Moody's/S&P/Fitch Ratings	Aa2/AA-/AA	Aa2/AA-/AA	$\bigcirc$		

Water and Sewer Systems Metrics Forecast					
	Rating Agency/ Perform. Goal	Forecast	Score		
Water System Sales (mGals)	33,000	34,781	$\bigcirc$		
Base Revenue Growth	(1.0%)	1.4%	$\bigcirc$		
Debt Svc. Coverage	2.6x	2.9x	$\bigcirc$		
Days Liquidity	245	268	$\bigcirc$		
Days Cash	140	147	$\bigcirc$		
Debt/Asset %	53%	53%	$\bigcirc$		
Water Cost/kgal (2012: \$4.57)	\$3.98	\$4.40	$\bigcirc$		
Sewer Cost/kgal (2012: \$7.96)	\$7.25	\$7.68	$\bigcirc$		
Net Funded Debt Reduction	33,875	33,875	$\bigcirc$		
Capital Expenditures (in 000's)	182,175	156,150	$\bigcirc$		
Moody's/S&P/Fitch Ratings	Aa2/AA/AA	Aa2/AAA/AA	$\bigcirc$		

### Significant Occurrences or Concerns This Month

- Additional expenses from Brandy Branch outage will challenge ability to achieve cost metrics this year
- Fuel fund ending balance expected to exceed target

- Net revenues projected to exceed budget by \$17M, allowing us to direct additional funds toward substantial capital program (debt repayment and/or capital fund)
- Year-to-date rainfall totals have been 21% lower than FY2015. 4

III. B. 2. Jacksonville Small & Emerging Business Program





July 6, 2016

JACKSONVILLE SMALL AND EMERGING BUSINESS PROGRAM

Purpose: Information Only Action Required Advice/Direction

**Issue:** JEA implemented the City's Jacksonville Small and Emerging Business (JSEB) program in 2004 to increase procurement contracting participation for its local, small businesses. The JSEB program is available to minorities and non-minorities and was established by Executive Order and codified into City Ordinance 2004-602-E after extensive study and deliberations by Jacksonville's City Council, the Mayor's Office, and the Office of General Counsel. The JSEB program replaced the City's Minority Business Enterprise (MBE) program after legal challenges were made against the constitutionality of the MBE program.

**Significance:** The JSEB program is the only small business program currently available to JEA that is legally supported by the Office of General Counsel.

**Effect:** Through its adoption of the JSEB program, JEA has significantly increased procurement contracting opportunities for JEA's local, small businesses over the past 10 years, and has consistently exceeded the overall participation rates established by City Ordinance 2004-602-E.

**Cost or Benefit:** JEA is a community-owned utility and has effectively implemented the JSEB program to grow the number of local, small businesses who are successfully performing JEA work. JEA staff provides an annual JSEB Program report to the JEA Board to ensure JEA's senior leadership is fully engaged and committed to this important program.

Recommended Board action: This item is being provided for information only.

For additional information, contact: John McCarthy, Director, Supply Chain Management

Submitted by: PEM/MHD/JPM



#### **Commitments to Action**





#### INTER-OFFICE MEMORANDUM

July 6, 2016

#### SUBJECT: JACKSONVILLE SMALL AND EMERGING BUSINESS PROGRAM

**FROM:** Paul E. McElroy, Managing Director/CEO

TO: JEA Board of Directors

#### BACKGROUND:

In 2004, by Executive Order 04-02, then Mayor John Peyton created the Commission on Small and Disadvantaged Businesses (the "Commission") to review and/or benchmark: (i) financial programs that provide operating and capital expenditures to small businesses; (ii) bonding programs, as well as existing city and state requirements relating to bonding; and (iii) the City's then existing Small Disadvantaged Business Enterprise or SDBE and Small Business Enterprise or SBE programs. On April 28, 2004, the Commission submitted its final report to the Mayor and the City Council's Special Council Committee on Small and Disadvantaged Businesses (the "Special Committee") for review and legislative action. As part of its report, the Commission proposed various recommendations including the establishment of the Jacksonville Small and Emerging Business ("JSEB") program. On August 10, 2004, after a rather lengthy deliberative process conducted by each member of City Council, representatives from the Mayor's Office, Office of General Counsel, and the Department of Procurement, the vast majority of the Commission's recommendations were codified into City Ordinance 2004-602-E and the City's JSEB program was created and authorized.

The City's MBE program came under scrutiny after the filing of a lawsuit against the City by the Utility Workers of Northeast Florida based upon the U.S. Supreme Court's decision in *City of Richmond v. Croson* Co., 488 U.S. 469 (1989), case which held that the City of Richmond's minority set-aside contract program, which gave preference to minority business enterprises in the awarding of municipal contracts, to be unconstitutional under the Equal Protection Clause of the Fourteenth Amendment. By City Ordinance 2013-209-E, the City's Minority Business Enterprise ("MBE") program was removed and Section 126.611 of the Ordinance Code that provided for annual numeric goals based on race and gender was repealed.

The City through the use of an outside consultant firm, Mason Tillman Associates, completed a disparity study in August of 2013. There was significant controversy over the disparity study, and as of this date the City has not advanced any race or gender-based programs based on the disparity study.

#### DISCUSSION:

At the last JEA Board meeting, Board Members inquired about JEA's participation in the City's JSEB program and whether other programs based upon race and gender had been studied or considered. In the opinion of the Office of General Counsel, JEA does not have the ability to establish a program based upon race and gender at this time. Staff, therefore, recommends continuing to utilize and support the City's JSEB program.

#### **RECOMMENDATION:**

This item is being provided for information only.

#### III. B. 2. 7/19/2016

<u>JEA JSEB SPEND</u> OCTOBER 1, 2014	Prime	Sub	Total Invoiced as % of	FY 15 Goal as % of	# of JSEB	# of JSEB	Total #
through	Contractor Invoiced	Contractor Invoiced	Available	Available	Firms	Firms	of JSEB Firms
SEPTEMBER 30, 2015			Spend	Spend	(Prime)	(Sub)	
Construction =				\$17,480,000			
AA =	\$1,190,902	\$40,679	\$1,231,581	\$1,223,600	5	3	8
% =			7.05%	7.00%			
WBE =	\$21,962	\$1,037,753	\$1,059,715	\$1,398,400	2	3	5
% =			6.06%	8.00%			
HANA =	\$42,331	\$0	\$42,331	\$699,200	2	0	2
% =			0.24%	4.00%		-	
OTHER =	\$1,511,942	\$352,342	\$1,864,285		7	3	10
%			10.67%				
Services =				\$17,480,000			
AA =	\$1,025,372	\$209,050	\$1,234,421	\$1,223,600	б	4	10
% =			7.06%	7.00%			
WBE =	\$560,508	\$334,952	\$895,460		8	8	16
% =			5.12%	8.00%			
HANA =	\$1,314,615	\$530,359	\$1,844,975	\$699,200	7	1	8
% =			10.55%	4.00%			
OTHER =	\$530,685	\$74,900	4000,00000		6	2	8
%			3.46%				
Supplies =				\$3,040,000			
AA	\$0	\$0	\$0	\$212,800	0	0	0
% =			0.00%	7.00%			
WBE =	\$227,143	\$312,686	\$539,829	\$243,200	5	1	б
% =			17.76%	8.00%			
HANA =	\$0	\$0	\$0	\$121,600	0	0	0
% =			0.00%	4.00%			
OTHER =	\$0	\$0	\$0		0	0	0
%			0.00%				
Total =				\$38,000,000			
AA =	\$2,216,273	\$249,729	\$2,466,002	\$2,660,000	11	7	18
% =			6.49%	7.00%			
WBE =	\$809,613	\$1,685,391	\$2,495,005	\$3,040,000	15	12	27
% =			6.57%	8.00%			
HANA =	\$1,356,946	\$530,359	\$1,887,305		9	1	10
% =			4.97%	4.00%			
OTHER =	\$2,042,628	\$427,242	\$2,469,870		13	5	18
%			6.50%				
Summary Total =	\$6,425,461	\$2,892,721	\$9,318,182		48	25	73
% =			24.52%	21.00%			

# Jacksonville Small & Emerging Business Program



# Jacksonville's Supplier Diversity Programs

- City established the Jacksonville Small & Emerging Business (JSEB) Program in 2004 after legal issues challenged its existing Minority Business Enterprise (MBE) Program
- > JSEB is a race and gender neutral local program
  - Procurement set asides for JSEB companies
  - Aspirational goals established by race and gender
- City manages application process for JSEB certification
  - On average 200-300 JSEB companies currently certified
- JSEB program adopted by JEA, Jacksonville Aviation Authority (JAA), Jacksonville Port Authority (JAXPORT)
- Disadvantaged Business Enterprise (DBE) utilized by Jacksonville Transportation Authority (JTA), JAA & JAXPORT; Minority/Women Business Enterprise (M/WBE) and Small Business Enterprise (SBE) programs utilized by Duval County Public Schools

# Multi-Jurisdictional Disparity Study

- Mason Tillman completed a Multi-Jurisdictional Disparity Study for City of Jacksonville and it's agencies in August 2013
- The study reviewed contract awards during a five year period from October 1, 2005 - September 30, 2010
- Disparity Study concluded on some level Jacksonville's Women and Minorityowned Businesses were under-utilized
- Ethnic/gender categories reviewed were as follows:
  - African Americans
  - Asian Americans
  - Hispanic Americans
  - Native Americans
  - Women Business Enterprises
- City of Jacksonville did not implement Disparity Study findings due to discrepancies with study's methodology and basis for findings

## Supplier Diversity Joint Agency Task Force

- Supplier Diversity Joint Agency Task Force (JATF) formed in response to the 2013 Multi-Jurisdictional Disparity Study at agency CEO's request
- First meeting held on November 6, 2013
- Strong Participation from Jacksonville City Agencies and local business partners:
  - COJ, JTA, JAA, JAXPORT, JEA
  - Duval County Public Schools
  - JAX Chamber, First Coast Business Alliance, Small Business Administration, and Career Source of NE Florida

## Joint Agency Task Force

- Focus on achieving four common goals for local small, women and minority owned businesses
  - Increase pool of available bidders
  - Increase participation on contracts
  - Improve public perception of City Agency Procurement
  - Standardize business processes to make contracting easier where possible
- Develop a Jacksonville "Supplier Diversity Community" to leverage resources and share Procurement Best Practices
- Create a one-stop procurement process for City contracting

## Joint Agency Task Force

- Agency Sponsored Events:
  - Doing Business with JEA Workshop
  - Multicultural Economic Development and Employment Conference
  - COJ Business Builder Conference
  - JAA Vendor Outreach Networking Forum
  - JTA Blueprint 2020 Partnership Forum
  - JTA Capacity Building Forum
  - Small Business Administration Roundtable Forum
  - JAXPORT/Manson Construction Workshops (2)
  - Florida Office of Supplier Diversity Workshop

