

ST. JOHN'S RIVER POWER PARK SYSTEM EMPLOYEES' RETIREMENT PLAN
Chapter 112.664, F.S. Compliance Report
In Connection with the October 1, 2015 Funding Actuarial Valuation Report
And the Plan's Financial Reporting for the Year Ending September 30, 2015

August 4, 2016

The SJRPP Pension Committee

Dear Committee Members:

Gabriel, Roeder, Smith & Company (GRS) has been engaged by the St. John's River Power Park System Employees' Retirement Plan (Plan) to prepare a disclosure report to satisfy the requirements set forth in Ch. 112.664, F.S. and as further required pursuant to Ch. 60T-1.0035, F.A.C.

This report was prepared at the request of the Pension Committee and is intended for use by the Committee and those designated or approved by the Committee. This report may be provided to parties other than the System only in its entirety and only with the permission of the Committee.

The purpose of the report is to provide the required information specified in Ch. 112.664, F.S. as well as supplement this information with additional exhibits. This report should not be relied on for any purpose other than the purpose described above.

The findings in this report are based on data or other information through September 30, 2015. Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the plan's funded status); and changes in plan provisions or applicable law. The scope of this engagement does not include an analysis of the potential range of such measurements.

This report was based upon information furnished by the JEA concerning Plan benefits, financial transactions, plan provisions and active members, terminated members, retirees and beneficiaries. We checked for internal and year-to-year consistency, but did not otherwise audit the data. We are not responsible for the accuracy or completeness of the information provided by the JEA.

Except as otherwise indicated as required for the disclosures contained herein, this report was prepared using certain assumptions selected by the Pension Committee as described in our October 1, 2015 actuarial valuation report. This report is also based on the Plan Provisions, census data, and financial information as summarized in our October 1, 2015 actuarial valuation report. Please refer to the October 1, 2015 actuarial valuation report, dated May 31, 2016, for summaries and descriptions of this information.

The use of an investment return assumption that is 2% higher than the investment return assumption used to determine the funding requirements does not represent an estimate of future Plan experience nor does it reflect an observation of future return estimates inherent in financial market data. The use of this investment return assumption is provided to add context to the Chapter 112.664, Florida Statutes requirement to utilize an investment return assumption that is 2% lower than the assumption used to determine the funding requirements. The inclusion of the additional exhibits showing the effect of using a 2% higher investment return assumption shows a more complete assessment of the range of possible results as opposed to showing a one-sided range as required by Florida Statutes.

James J. Rizzo and Piotr Krekora are members of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein. The signing actuaries are independent of the plan sponsor.

This report has been prepared by actuaries who have substantial experience valuing public employee retirement systems. To the best of our knowledge the information contained in this report is accurate and fairly presents the actuarial position of the Retirement Plan as of the valuation date. All calculations have been made in conformity with generally accepted actuarial principles and practices, with the Actuarial Standards of Practice issued by the Actuarial Standards Board and with applicable statutes.

With respect to the reporting standards for defined benefit retirement plans or systems contained in Section 112.664(1) F.S., the actuarial disclosures required under this section were prepared and completed by me or under my direct supervision, and I acknowledge responsibility for the results. To the best of my knowledge, the results are complete and accurate, and in my opinion, meet the requirements of Section 112.664(1), F.S. and Section 60T-1.0035, F.A.C.

Respectfully submitted,

GABRIEL, ROEDER, SMITH AND COMPANY



By _____
James J. Rizzo, ASA, MAAA
Enrolled Actuary No. 14-3355
Senior Consultant & Actuary



By _____
Piotr Krekora, ASA, MAAA
Consultant & Actuary

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RESULTS

**Schedule of Changes in the Employers' Net Pension Liability
Using Financial Reporting Assumptions per GASB Statement No. 67**

Fiscal year ending September 30,	<u>2015</u>
1. Total pension liability	
a. Service Cost	\$ 1,274,456
b. Interest	10,271,075
c. Benefit Changes	-
d. Difference between actual & expected experience & Other	2,121,557
e. Assumption Changes	3,316,373
f. Benefit Payments	(10,348,003)
g. Contribution Refunds	-
h. Net Change in Total Pension Liability	<u>6,635,458</u>
i. Total Pension Liability - Beginning	<u>148,507,629</u>
j. Total Pension Liability - Ending	<u><u>\$ 155,143,087</u></u>
 2. Plan Fiduciary Net Position	
a. Contributions - Employer	\$ 3,508,587
b. Contributions - Non-Employer Contributing Entity	-
c. Contributions - Member	648,068
d. Net Investment Income	(265,851)
e. Benefit Payments	(10,348,003)
f. Contribution Refunds	-
g. Administrative Expense	(66,231)
h. Other	-
i. Net Change in Plan Fiduciary Net Position	<u>(6,523,430)</u>
j. Plan Fiduciary Net Position - Beginning	<u>145,425,186</u>
k. Plan Fiduciary Net Position - Ending	<u><u>\$ 138,901,756</u></u>
 3. Net Pension Liability / (Asset)	 16,241,331
 Certain Key Assumptions	
Valuation Date	10/01/2014
Measurement Date	09/30/2015
Investment Return Assumption	7.00%
Mortality Table	RP-2000 Fully Generational Using Scale BB with FRS Adjustments

**Schedule of Changes in the Employers' Net Pension Liability
Using Assumptions required under 112.664(1)(a), F.S.**

Fiscal year ending September 30,	<u>2015</u>
1. Total pension liability	
a. Service Cost	\$ 1,274,457
b. Interest	10,266,628
c. Benefit Changes	-
d. Difference between actual & expected experience & Other	-
e. Assumption Changes	-
f. Benefit Payments	(10,348,003)
g. Contribution Refunds	-
h. Net Change in Total Pension Liability	<u>1,193,082</u>
i. Total Pension Liability - Beginning	<u>150,565,654</u>
j. Total Pension Liability - Ending	<u><u>\$ 151,758,736</u></u>
2. Plan Fiduciary Net Position	
a. Contributions - Employer	\$ 3,508,587
b. Contributions - Non-Employer Contributing Entity	-
c. Contributions - Member	648,068
d. Net Investment Income	(265,851)
e. Benefit Payments	(10,348,003)
f. Contribution Refunds	-
g. Administrative Expense	(66,231)
h. Other	-
i. Net Change in Plan Fiduciary Net Position	<u>(6,523,430)</u>
j. Plan Fiduciary Net Position - Beginning	<u>145,425,186</u>
k. Plan Fiduciary Net Position - Ending	<u><u>\$ 138,901,756</u></u>
3. Net Pension Liability / (Asset)	12,856,980
Certain Key Assumptions	
Valuation Date	10/01/2014
Measurement Date	09/30/2015
Investment Return Assumption	7.00%
Mortality Table	RP-2000 Fully Generational Using Scale AA

**Schedule of Changes in the Employers' Net Pension Liability
Using Assumptions required under 112.664(1)(b), F.S.**

Fiscal year ending September 30,

	<u>2015</u>
1. Total pension liability	
a. Service Cost	\$ 2,068,068
b. Interest	9,108,898
c. Benefit Changes	-
d. Difference between actual & expected experience & Other	-
e. Assumption Changes	-
f. Benefit Payments	(10,348,003)
g. Contribution Refunds	-
h. Net Change in Total Pension Liability	<u>828,963</u>
i. Total Pension Liability - Beginning	<u>185,283,888</u>
j. Total Pension Liability - Ending	<u>\$ 186,112,851</u>
2. Plan Fiduciary Net Position	
a. Contributions - Employer	\$ 3,508,587
b. Contributions - Non-Employer Contributing Entity	-
c. Contributions - Member	648,068
d. Net Investment Income	(265,851)
e. Benefit Payments	(10,348,003)
f. Contribution Refunds	-
g. Administrative Expense	(66,231)
h. Other	-
i. Net Change in Plan Fiduciary Net Position	<u>(6,523,430)</u>
j. Plan Fiduciary Net Position - Beginning	<u>145,425,186</u>
k. Plan Fiduciary Net Position - Ending	<u>\$ 138,901,756</u>
3. Net Pension Liability / (Asset)	47,211,095
Certain Key Assumptions	
Valuation Date	10/01/2014
Measurement Date	09/30/2015
Investment Return Assumption	5.00%
Mortality Table	RP-2000 Fully Generational Using Scale AA

Schedule of Changes in the Employers' Net Pension Liability
Using Assumptions under 112.664(1)(b), F.S. except 2% higher investment return assumption

Fiscal year ending September 30,	<u>2015</u>
1. Total pension liability	
a. Service Cost	\$ 809,722
b. Interest	10,889,276
c. Benefit Changes	-
d. Difference between actual & expected experience & Other	-
e. Assumption Changes	-
f. Benefit Payments	(10,348,003)
g. Contribution Refunds	-
h. Net Change in Total Pension Liability	<u>1,350,995</u>
i. Total Pension Liability - Beginning	<u>125,356,232</u>
j. Total Pension Liability - Ending	<u><u>\$ 126,707,227</u></u>
2. Plan Fiduciary Net Position	
a. Contributions - Employer	\$ 3,508,587
b. Contributions - Non-Employer Contributing Entity	-
c. Contributions - Member	648,068
d. Net Investment Income	(265,851)
e. Benefit Payments	(10,348,003)
f. Contribution Refunds	-
g. Administrative Expense	(66,231)
h. Other	-
i. Net Change in Plan Fiduciary Net Position	<u>(6,523,430)</u>
j. Plan Fiduciary Net Position - Beginning	<u>145,425,186</u>
k. Plan Fiduciary Net Position - Ending	<u><u>\$ 138,901,756</u></u>
3. Net Pension Liability / (Asset)	(12,194,529)
Certain Key Assumptions	
Valuation Date	10/01/2014
Measurement Date	09/30/2015
Investment Return Assumption	9.00%
Mortality Table	RP-2000 Fully Generational Using Scale AA

Asset and Benefit Payment Projection
Not Reflecting Any Contributions from the Employer, State or Employee
Using Financial Reporting Assumptions per GASB Statement No. 67

FYE	Market Value of Assets (BOY)	Expected Investment Return	Projected Benefit Payments	Market Value of Assets (EOY)
2016	138,901,756	9,335,903	11,063,412	137,174,247
2017	137,174,247	9,227,034	10,718,951	135,682,330
2018	135,682,330	9,096,016	11,478,489	133,299,857
2019	133,299,857	8,920,413	11,730,782	130,489,488
2020	130,489,488	8,718,802	11,870,339	127,337,952
2021	127,337,952	8,493,599	12,001,633	123,829,919
2022	123,829,919	8,236,874	12,320,582	119,746,210
2023	119,746,210	7,953,160	12,259,264	115,440,107
2024	115,440,107	7,650,689	12,289,090	110,801,706
2025	110,801,706	7,320,868	12,435,754	105,686,821
2026	105,686,821	6,961,428	12,475,711	100,172,537
2027	100,172,537	6,575,946	12,460,891	94,287,593
2028	94,287,593	6,160,841	12,551,151	87,897,282
2029	87,897,282	5,716,337	12,470,644	81,142,975
2030	81,142,975	5,245,558	12,412,861	73,975,672
2031	73,975,672	4,744,074	12,406,372	66,313,374
2032	66,313,374	4,215,517	12,183,404	58,345,488
2033	58,345,488	3,662,801	12,039,512	49,968,778
2034	49,968,778	3,085,184	11,789,442	41,264,519
2035	41,264,519	2,485,878	11,503,951	32,246,446
2036	32,246,446	1,864,035	11,234,764	22,875,717
2037	22,875,717	1,218,649	10,932,884	13,161,483
2038	13,161,483	549,595	10,620,242	3,090,835
2039	3,090,835	-	10,233,807	-
2040	-	-	9,851,907	-
2041	-	-	9,487,327	-

Number of years for which current market value of assets are adequate to sustain the payment of expected retirement benefits, reflecting no contributions from the Employer, Employee or State, contrary to Florida Statutes and Plan provisions:

23.33

Certain Key Assumptions

Valuation Investment return assumption

7.00%

Valuation Mortality Table

RP-2000 Fully Generational Using Scale BB with FRS Adjustments

Note: As required in Section 112.664(c) of the Florida Statutes, the projection of the Fund assets do not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the employer, employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.

Asset and Benefit Payment Projection
Not Reflecting Any Contributions from the Employer, State or Employee
Using Assumptions required under 112.664(1)(a), F.S.

FYE	Market Value of Assets (BOY)	Expected Investment Return	Projected Benefit Payments	Market Value of Assets (EOY)
2016	138,901,756	9,336,072	11,058,585	137,179,243
2017	137,179,243	9,227,475	10,716,335	135,690,383
2018	135,690,383	9,096,531	11,479,895	133,307,019
2019	133,307,019	8,920,774	11,734,773	130,493,020
2020	130,493,020	8,718,834	11,876,485	127,335,369
2021	127,335,369	8,493,215	12,007,463	123,821,120
2022	123,821,120	8,236,040	12,326,818	119,730,343
2023	119,730,343	7,951,959	12,261,849	115,420,453
2024	115,420,453	7,649,473	12,284,548	110,785,377
2025	110,785,377	7,320,132	12,424,121	105,681,388
2026	105,681,388	6,961,780	12,454,770	100,188,399
2027	100,188,399	6,578,424	12,421,832	94,344,991
2028	94,344,991	6,166,866	12,493,806	88,018,051
2029	88,018,051	5,727,815	12,384,242	81,361,624
2030	81,361,624	5,265,020	12,294,093	74,332,552
2031	74,332,552	4,774,515	12,250,398	66,856,668
2032	66,856,668	4,260,756	11,977,442	59,139,983
2033	59,139,983	3,727,440	11,781,674	51,085,749
2034	51,085,749	3,174,572	11,469,433	42,790,888
2035	42,790,888	2,606,373	11,113,964	34,283,298
2036	34,283,298	2,022,820	10,771,744	25,534,373
2037	25,534,373	1,423,661	10,392,713	16,565,321
2038	16,565,321	809,531	10,001,195	7,373,656
2039	7,373,656	182,530	9,532,174	-
2040	-	-	9,069,891	-
2041	-	-	8,629,760	-

Number of years for which current market value of assets are adequate to sustain the payment of expected retirement benefits, **reflecting no contributions from the Employer, Employee or State, contrary to Florida Statutes and Plan provisions:**

23.75

Certain Key Assumptions

Valuation Investment return assumption

7.00%

Valuation Mortality Table

RP-2000 Fully Generational Using Scale AA

Note: As required in Section 112.664(c) of the Florida Statutes, the projection of the Fund assets do not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the employer, employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.

Asset and Benefit Payment Projection
Not Reflecting Any Contributions from the Employer, State or Employee
Using Assumptions required under 112.664(1)(b), F.S.

FYE	Market Value of Assets (BOY)	Expected Investment Return	Projected Benefit Payments	Market Value of Assets (EOY)
2016	138,901,756	6,668,623	11,058,585	134,511,794
2017	134,511,794	6,457,681	10,716,335	130,253,140
2018	130,253,140	6,225,660	11,479,895	124,998,905
2019	124,998,905	5,956,576	11,734,773	119,220,708
2020	119,220,708	5,664,123	11,876,485	113,008,346
2021	113,008,346	5,350,231	12,007,463	106,351,113
2022	106,351,113	5,009,385	12,326,818	99,033,681
2023	99,033,681	4,645,138	12,261,849	91,416,969
2024	91,416,969	4,263,735	12,284,548	83,396,156
2025	83,396,156	3,859,205	12,424,121	74,831,239
2026	74,831,239	3,430,193	12,454,770	65,806,662
2027	65,806,662	2,979,787	12,421,832	56,364,618
2028	56,364,618	2,505,886	12,493,806	46,376,697
2029	46,376,697	2,009,229	12,384,242	36,001,684
2030	36,001,684	1,492,732	12,294,093	25,200,324
2031	25,200,324	953,756	12,250,398	13,903,681
2032	13,903,681	395,748	11,977,442	2,321,988
2033	2,321,988	-	11,781,674	-
2034	-	-	11,469,433	-
2035	-	-	11,113,964	-
2036	-	-	10,771,744	-
2037	-	-	10,392,713	-
2038	-	-	10,001,195	-
2039	-	-	9,532,174	-
2040	-	-	9,069,891	-
2041	-	-	8,629,760	-

Number of years for which current market value of assets are adequate to sustain the payment of expected retirement benefits, reflecting no contributions from the Employer, Employee or State, contrary to Florida Statutes and Plan provisions:

17.17

Certain Key Assumptions

Valuation Investment return assumption

5.00%

Valuation Mortality Table

RP-2000 Fully Generational Using Scale AA

Note: As required in Section 112.664(c) of the Florida Statutes, the projection of the Fund assets do not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the employer, employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.

Asset and Benefit Payment Projection
Not Reflecting Any Contributions from the Employer, State or Employee
Using Assumptions under 112.664(1)(b), F.S. except 2% higher investment return assumption

FYE	Market Value of Assets (BOY)	Expected Investment Return	Projected Benefit Payments	Market Value of Assets (EOY)
2016	138,901,756	12,003,522	11,058,585	139,846,692
2017	139,846,692	12,103,967	10,716,335	141,234,325
2018	141,234,325	12,194,494	11,479,895	141,948,923
2019	141,948,923	12,247,338	11,734,773	142,461,489
2020	142,461,489	12,287,092	11,876,485	142,872,096
2021	142,872,096	12,318,153	12,007,463	143,182,785
2022	143,182,785	12,331,744	12,326,818	143,187,711
2023	143,187,711	12,335,111	12,261,849	143,260,973
2024	143,260,973	12,340,683	12,284,548	143,317,108
2025	143,317,108	12,339,454	12,424,121	143,232,441
2026	143,232,441	12,330,455	12,454,770	143,108,126
2027	143,108,126	12,320,749	12,421,832	143,007,044
2028	143,007,044	12,308,413	12,493,806	142,821,650
2029	142,821,650	12,296,658	12,384,242	142,734,065
2030	142,734,065	12,292,832	12,294,093	142,732,804
2031	142,732,804	12,294,684	12,250,398	142,777,091
2032	142,777,091	12,310,953	11,977,442	143,110,602
2033	143,110,602	12,349,779	11,781,674	143,678,707
2034	143,678,707	12,414,959	11,469,433	144,624,233
2035	144,624,233	12,516,053	11,113,964	146,026,322
2036	146,026,322	12,657,640	10,771,744	147,912,218
2037	147,912,218	12,844,428	10,392,713	150,363,932
2038	150,363,932	13,082,700	10,001,195	153,445,437
2039	153,445,437	13,381,142	9,532,174	157,294,405
2040	157,294,405	13,748,351	9,069,891	161,972,864
2041	161,972,864	14,189,219	8,629,760	167,532,323

Number of years for which current market value of assets are adequate to sustain the payment of expected retirement benefits, **reflecting no contributions from the Employer, Employee or State, contrary to Florida Statutes and Plan provisions:**

999.99

Certain Key Assumptions

Valuation Investment return assumption

9.00%

Valuation Mortality Table

RP-2000 Fully Generational Using Scale AA

Note: As required in Section 112.664(c) of the Florida Statutes, the projection of the Fund assets do not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the employer, employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.

ACTUARIALLY DETERMINED CONTRIBUTION				
	Plan's Latest Actuarial Valuation Assumptions	112.664(1)(a) F.S. Assumptions	112.664(1)(b) F.S. Assumptions	112.664(1)(b) F.S. except 2% higher investment return assumption
A. Valuation Date	October 1, 2015	October 1, 2015	October 1, 2015	October 1, 2015
B. Actuarially Determined Contribution (ADC) to Be Paid During Fiscal Year Ending	9/30/2017	9/30/2017	9/30/2017	9/30/2017
C. Assumed Dates of Employer Contributions	Biweekly	Biweekly	Biweekly	Biweekly
D. Annual Payment to Amortize Unfunded Actuarial Liability	\$ 6,556,799	\$ 5,467,161	\$ 16,955,829	\$ 0
E. Total Normal Cost	1,256,604	1,274,364	1,996,422	845,762
F. ADC if Paid on Valuation Date: D + E	7,813,403	6,741,525	18,952,251	845,762
G. ADC Adjusted for Frequency of Payments	8,664,206	7,475,611	20,416,504	964,961
H. Covered Payroll for Contribution Year	17,420,154	17,420,154	17,420,154	17,420,154
I. ADC Adjusted for Frequency of Payments as % of Covered Payroll	49.74 %	42.91 %	117.20 %	5.54 %
J. Expected Member Contributions in Contribution Year	696,806	696,806	696,806	696,806
K. Employer ADC in Contribution Year	7,967,400	6,778,805	19,719,698	268,155
L. Employer ADC as % of Covered Payroll in Contribution Year: H ÷ K	45.74 %	38.91 %	113.20 %	1.54 %
M. Certain Key Assumptions				
Investment Return Assumption	7.00%	7.00%	5.00%	9.00%
Mortality Table	RP-2000 Fully Generational Using Scale BB with FRS Adjustments	RP-2000 Fully Generational Using Scale AA	RP-2000 Fully Generational Using Scale AA	RP-2000 Fully Generational Using Scale AA