

**JEA  
TREASURY SERVICES  
INVESTMENT POLICY  
AS OF MAY 16, 2017**

**1.0 SCOPE**

The statement of investment policy and guidelines applies to funds under control of JEA in excess of those required to meet short-term expenses.

This investment policy applies to financial assets including funds related to the issuance of debt by JEA, including the Electric System, the Water and Sewer System, St. Johns River Power Park (SJRPP), the Bulk Power Supply System, the District Energy System (DES), and any other entity created and approved by JEA's Board. Furthermore, this investment policy applies to customer deposit monies held by JEA. This policy shall not apply to investments of the SJRPP Employees' Retirement Plan or investments of the Other Post-Employment Benefits (OPEB) Trust, which are covered by separate investment policies or authorizing resolutions.

**2.0 INVESTMENT OBJECTIVES**

JEA's investment portfolio shall be managed with the primary objective of safety of capital. The investment strategy will provide sufficient liquidity to meet anticipated cash flow requirements.

JEA will strive to obtain the highest possible yields consistent with safety of capital, liquidity of the portfolio and prudent investment principles.

Investments are made with the intention of holding the securities to maturity. However, investments may be sold from time to time to meet cash flow requirements, for the purpose of restructuring the average duration of the portfolio and taking advantage of market opportunities to record capital gains.

**3.0 PERFORMANCE MEASUREMENT**

JEA seeks to optimize the return on investment within the constraints of safety and liquidity. The investment portfolio shall be designed to attain a market yield consistent with the investment risk, maturity and liquidity constraints as discussed in this policy. A benchmark index will be used to evaluate the performance of the portfolio and the index will be periodically reviewed by the Chief Financial Officer to determine its appropriateness and to recommend changes as needed.

#### **4.0 PRUDENCE AND ETHICAL STANDARDS**

The standard of prudence to be applied by JEA shall be the “Prudent Person” rule, which states: “Investments shall be made with judgment and care under circumstances then prevailing, which persons of prudence, discretion and intelligence exercise in the management of their own affairs, not for speculation, but for investment, considering the probable safety of their capital as well as the probable income to be derived from the investment.” The “Prudent Person” rule shall be applied in the context of managing the overall portfolio.

Employees of JEA involved in the investment process shall not transact personal business activity that could or could appear to conflict with State Statutes, City Ordinances, JEA Management Directives, proper execution of the investment program or which could impair their ability to make impartial investment decisions.

#### **5.0 AUTHORIZED INVESTMENTS**

Refer to Exhibits I through VI for a complete listing of the “Authorized Investments”. Exhibit I includes the Authorized Investments for the Electric System and Exhibit VI lists the Authorized Investments for DES. The bond resolutions for the Electric System and for DES allow any investment that is permitted by Florida law. Further, the Florida statutes provide that authorized investments include those that have been authorized by a resolution of the entity, e.g. a Board resolution. Thus, the JEA Board can amend the list of Authorized Investments for the Electric System and for DES. The Authorized Investments for the other JEA systems or entities are specifically listed in their respective bond resolutions and thus can only be changed by a change in the resolution.

Money market funds are specifically included in the list of Authorized Investments for the Electric System and DES. However, the term “money market funds” is not specifically noted in the list of Authorized Investments for the SJRPP Second Bond Resolution, the Bulk Power Supply System or the Water and Sewer System. The listings for those systems include as Authorized Investments the shares of an investment company organized under the Investment Company Act of 1940, as amended. Money market funds which are organized and registered under the Investment Company Act of 1940, as amended, fall under this definition and are thus included as eligible investments.

In the case of the SJRPP First Bond Resolution, the list of Investment Securities includes investments in direct obligations of or obligations guaranteed by the United States of America. Section 660.415 of the Florida Statutes states that in the absence of an express provision to the contrary, when a governing instrument (e.g. a bond resolution) permits investments in United States Government obligations, trust companies, trust departments, trustees and fiduciaries may invest in shares of an investment company registered under the Investment Company Act of 1940 if the portfolio of such investment company is limited to United States Government obligations and repurchase agreements fully collateralized by United States Government obligations. Thus the funds held by the SJRPP Trustee in the Debt Service Account and the Debt Service Reserve Account in the Debt

Service Fund may be invested in money market mutual funds which invest solely in United States Government obligations or repurchase agreements fully collateralized by United States Government obligations.

For all JEA systems, only money market funds that are rated AAA by Standard and Poor's or Aaa by Moody's Investors Service are permitted.

JEA does not speculate on the future movement of interest rates and is not permitted to utilize reverse repurchase agreements or other forms of debt leverage in the management of its investment portfolio. Floating rate notes, inflation-indexed notes, and other adjustable rate securities are permitted types of securities. Inverse floaters, however, are prohibited.

JEA is permitted to use interest rate swap agreements for asset/liability management. For its assets, JEA utilizes interest rate swaps in a 100% asset matched strategy with JEA's revolving fund balances. JEA is also permitted to engage in the practice of securities lending, whereby a fee is paid to JEA in exchange for lending securities that are fully collateralized by securities listed as "Authorized Investments". JEA's investment professionals have developed sufficient understanding of the investment vehicles listed above and have the expertise to manage them.

## **6.0 MATURITY AND LIQUIDITY REQUIREMENTS**

The investment portfolio shall be structured in such manner as to provide sufficient liquidity to pay obligations as they come due. To the extent possible, investment maturities will be matched with known cash needs and anticipated cash flow requirements.

Additionally, maturity limitations for funds related to the issuance of debt are outlined in the Bond Resolution relating to those bond issues.

## **7.0 PORTFOLIO COMPOSITION**

The investment portfolio may be structured to have limits on certain types of securities, issuers, and maturities. Refer to Table 1 for specific limitations.

Investments in commercial paper, certificates of deposit or bankers acceptances shall have the following restrictions: Nine months maximum maturity, \$12,500,000 limit per issuer, and limited to 25% of the entire portfolio (including money market and repurchase agreements). Exceeding the 25% limit is permitted when including investments for the debt service sinking funds and escrows relating to the economic defeasance of debt. In addition, commercial paper must be rated in the highest whole rating category (i.e. A-1 by Standard and Poor's, P-1 by Moody's Investors Service or F1 by Fitch) by at least 2 nationally recognized rating agencies and be issued by a Fortune 500 company, a Fortune Global 500 company with significant operations in the U.S. (in U.S. dollar-denominated securities), or the governments of Canada or Canadian provinces (in U.S. dollar-denominated securities).

The ratings outlook for the commercial paper must be positive or stable at the time of the investment.

## **8.0 RISK AND DIVERSIFICATION**

Assets held shall be diversified to control the risk of loss resulting from over concentration of assets in a specific maturity, issuer, instrument, dealer, or bank through which these instruments are bought and sold. Diversification strategies shall be reviewed and revised periodically as necessary by the appropriate management staff. A diversity of treasury and agency issues shall be maintained to avoid a concentration in any one issue or maturity. Refer to Table 1 for detailed investment limitations. Such limitations will be periodically reviewed by the Chief Financial Officer to determine their appropriateness and to recommend changes as needed.

## **9.0 AUTHORIZED INVESTMENT INSTITUTIONS AND DEALERS**

JEA shall only execute US Treasury and Agency investment transactions and repurchase agreements with primary securities dealers as designated by the Federal Reserve Bank of New York and commercial banks within JEA's geographical service area who are member banks of the Federal Reserve System and have capital stock, surplus and undivided earnings aggregating at least \$25,000,000 and have a rating on short-term bank deposits of at least P-1 by Moody's Investors Service. Commercial paper transactions, CD's and BA's can be executed with primary securities dealers and firms considered to be "Direct Issuers". Municipal securities transactions can be executed with primary securities dealers or municipal securities firms having a significant presence in Florida or firms owning a specific JEA bond issue and only on a delivery versus payment basis. Investment Agreements can be purchased directly from the issuing insurance company or financial institution. Money market mutual funds can be purchased from commercial banks meeting the requirements discussed above, from primary dealers, through JEA Trustees as discussed in Section 5.0, or directly from the money market mutual fund. All other investments can only be purchased from primary dealers.

## **10.0 THIRD-PARTY CUSTODIAL AGREEMENTS**

All securities purchased by, and all collateral obtained by, JEA under this section shall be properly designated as an asset of JEA and held in safekeeping by a third party custodial bank or other third party custodial institution, except as noted below.

All securities purchased and sold by JEA under this section shall be executed using the "delivery versus payment procedure." Collateral requirements for Repurchase Agreements and Securities Lending Agreements will be contained in the Master Repurchase Agreement/Custodial Undertaking and Securities Lending Agreement, respectively, executed between JEA and the broker/dealer or bank.

The safekeeping institution shall issue a safekeeping receipt to JEA listing the specific instrument, par value, rate, maturity and any other pertinent information. In the case of

securities purchased or sold, the “confirmation” received from the dealer or safekeeping institution should be attached to the internally generated trade ticket. In the case of repurchase agreements, collateral safekeeping receipts should be compared on a daily basis to ensure compliance with collateral requirements and investment limitations.

No withdrawal of securities, in whole or in part, shall be made from safekeeping, except by an authorized staff member of JEA.

An exception to third party custody of assets would be the safekeeping of collateral for repurchase agreements entered into between JEA and its primary bank for the purpose of conducting day to day cash management functions. Collateral will be held by that bank but not in JEA’s name. The bank will issue a safekeeping receipt indicating the collateral pledged to JEA.

## **11.0 MASTER REPURCHASE AGREEMENT**

JEA shall require all institutions and dealers transacting repurchase agreements to execute and perform as stated in the Master Repurchase Agreement that is signed by both parties. All repurchase agreement transactions shall adhere to the requirements of the Master Repurchase Agreement.

Repurchase Agreements can only be entered into with authorized investment institutions and dealers as defined in Section 9.0 of this policy. In addition, all repurchase agreements must adhere to the provisions as defined in Section 5.0 of this policy relating to authorized investments and Section 10.0 of this policy regarding third-party custodial agreements. Collateral requirements must adhere to those outlined in the appropriate bond resolution. Tri Party Repurchase Agreements are preferred to “conventional” (delivery of collateral versus wire transfer of the amount invested) Repurchase Agreements due to significant cost savings derived from safekeeping the collateral at the same custodian utilized by the dealer. Due to the costs associated with transferring Repurchase Agreements on a daily basis, the interest rate paid to JEA will be compared on a daily basis to the market (using Bloomberg or a similar source) and when appropriate, the Repurchase Agreement will be re-executed with a different institution based on the rate comparison.

## **12.0 BID REQUIREMENT**

Staff shall determine the approximate maturity date based on cash flow needs and market conditions, analyze and select one or more optimal types of investment, and competitively bid the security in question when feasible and appropriate.

Competitive bids or offerings shall be obtained from at least three dealers on all sales or purchases except in situations where:

- a. the security involved is a “new issue” and/or can be purchased “at the auction”;
- b. the security involved has a fixed, “posted scale” rate;

- c. the security involved is available through direct issue, private placement (e.g., General Electric Commercial Paper, Chevron Commercial Paper, , etc.);
- d. the security involved is of particular special interest to JEA (e.g. Florida General Obligation bonds or other municipal bonds) and dealer competition could have an adverse impact with respect to the price and/or availability of the security to JEA;
- e. a dealer or institution brings to JEA an unsolicited swap proposal deemed advantageous to JEA.

Although direct investments in equity securities are not authorized investments, such securities are received by JEA from time to time as payment for customer liabilities in lieu of the receipt of cash. Competitive bids are not required on the sale of such securities in order that the sale may take place in an expeditious manner.

The requirement for competitive bids does not apply to JEA purchases of JEA bonds in the secondary market, or to investments in money market mutual funds, the State of Florida Local Government Surplus Funds Trust Fund (the "State Pool"), or intergovernmental investment pools. Money market funds shall be rated AAA by Standard and Poor's or Aaa by Moody's Investors Service and will be selected on the basis of a fund's yield, ranking versus peers, expenses, portfolio composition, assets under management, etc. Investments in money market mutual funds or in the State Pool or an intergovernmental pool will be reviewed on a periodic basis for appropriateness.

### **13.0 INTERNAL CONTROLS**

The Chief Financial Officer and/or the Treasurer will maintain a system of internal controls, which will be documented in writing and made part of operational procedures in Treasury Services. The internal controls will be reviewed by independent auditors as part of any financial audit periodically required of JEA.

The internal controls should be designed to prevent losses of funds which might arise from fraud, employee error, misrepresentation by third parties, or imprudent actions by employees of JEA.

### **14.0 REPORTING**

Treasury Services shall generate monthly reports for management purposes. The reports shall include securities in the portfolio by class or type, book value, and yield earned during the period. Market values are reported quarterly in JEA's financial statements. Treasury Services shall provide other such reports and information as deemed reasonable, upon request, from other internal and external sources.

## **15.0 CONTINUING EDUCATION**

JEA staff responsible for making investment decisions must annually complete 8 hours of continuing education in subjects of study related to investment practices and products. This requirement can be met through a variety of methods including, but not limited to, seminars, conferences, college courses, and CPA continuing education.

## **16.0 AUDITS**

Certified public accountants conducting audits of JEA pursuant to section 218.39, Florida Statutes, shall report, as part of the audit, whether or not JEA has complied with this section 218.415, Florida Statutes.

## **17.0 SALE OF SECURITIES**

When the invested funds are needed in whole or in part for the purposes originally intended or for more optimal investments, JEA may sell such investments at the “market” and place the proceeds in the proper account or fund.

## **18.0 AUTHORIZATIONS**

JEA investment accounts may be opened or continued at registered broker/dealers or banks. The Managing Director and Chief Executive Officer (CEO), or his designee, is authorized to open such accounts and to 1) purchase and sell authorized investments and to 2) sell securities received as payment for customer liabilities in lieu of the receipt of cash. A detailed listing of individuals in authorized positions and their specific authorities and signatures will be maintained in an “Authorization for the Opening and Continuing of Certain Investment Accounts and Signatories Therefor.”

## **19.0 PRIORITY OF DOCUMENTS**

This JEA Investment Policy shall be the governing document when conflicting or otherwise inconsistent with the JEA Procurement Code.

## **20.0 INVESTMENT POLICY APPROVAL**

The authority to approve, modify, or amend this Investment Policy rests with the JEA Finance and Audit Committee and the JEA Board. The JEA Chief Financial Officer or Treasurer may submit recommendations for changes to the Investment Policy as deemed necessary.

EXHIBIT 1  
JEA ELECTRIC SYSTEM AUTHORIZED INVESTMENTS

"Authorized Investments" shall mean and include any of the following securities, if and to the extent the same are at the time legal for investment of JEA's funds:

- (i) any bonds or other obligations which constitute direct obligations of, or as to principal and interest are unconditionally guaranteed by, the United States of America, including obligations of any of the Federal agencies set forth in clause (iii) below to the extent unconditionally guaranteed by the United States of America;
- (ii) any bonds or other obligations of any state of the United States of America or of any agency, instrumentality or local governmental unit of any such state (a) which are not callable prior to maturity, or which have been duly called for redemption by the obligor on a date or dates specified and as to which irrevocable instructions have been given to a trustee in respect of such bonds or other obligations by the obligor to give due notice of such redemption on such date or dates, which date or dates shall be also specified in such instructions, (b) which are secured as to principal and interest and redemption premium, if any, by a fund consisting only of cash or bonds or other obligations of the character described in clause (i) above which fund may be applied only to the payment of such principal of and interest and redemption premium, if any, on such bonds or other obligations on the maturity date or dates thereof or the redemption date or dates specified in the irrevocable instructions referred to in subclause (a) of this clause (ii), as appropriate, (c) as to which the principal of and interest on the bonds and obligations of the character described in clause (i) above on deposit in such fund along with any cash on deposit in such fund are sufficient to pay principal of and interest and redemption premium, if any, on the bonds or other obligations described in this clause (ii) on the maturity date or dates thereof or on the redemption date or dates specified in the irrevocable instructions referred to in subclause (a) of this clause (ii), as appropriate and (d) which at the time of their purchase hereunder are rated AAA by Standard & Poor's and if rated by Moody's Investors Service, are rated Aaa by such agency;
- (iii) bonds, debentures, or other evidences of long-term indebtedness issued or guaranteed by an agency or corporation which has been or may hereafter be created pursuant to an Act of Congress as an agency or instrumentality of the United States of America;
- (iv) discount notes or other short-term debt issued or guaranteed by an agency or corporation which has been or may hereafter be created pursuant to an Act of Congress as an agency or instrumentality of the United States of America which at the time of their purchase are rated in the highest rating category by two nationally recognized rating agencies;
- (v) New Housing Authority Bonds issued by public agencies or municipalities and fully secured as to the payment of both principal and interest by a pledge of annual contributions under an annual contributions contract or contracts with the United States of America, or project notes issued by public agencies or municipalities and fully secured as to the payment of both principal and interest by a requisition or payment agreement with the United States of America;
- (vi) obligations of any state of the United States of America or any political subdivision thereof or an agency or instrumentality of any state or political subdivision, provided at the time of their purchase hereunder such obligations are rated in either of the two highest rating categories by two nationally recognized rating agencies;



- (vii) any agreements or contracts with insurance companies or other financial institutions, which agreements or contracts (a) shall be rated at the date of investment in such agreements or contracts in the highest whole rating category by two nationally recognized rating agencies, or (b) are issued and entered into by (i) an insurance company whose claim paying ability shall be rated at the date of investment in such agreements or contracts in the highest whole rating category by two nationally recognized rating agencies or (ii) an insurance company or other financial institution that has issued and outstanding senior unsecured indebtedness rated at the date of investment in such agreements or contracts in the highest whole rating category by two nationally recognized rating agencies, and whereby under each such agreement or contract the insurance company or other financial institution shall be absolutely and unconditionally obligated to repay the moneys invested by JEA and interest thereon, without any right of recoupment, counterclaim or set off. Right of assignment is permitted, if approved by JEA;
- (viii) direct and general obligations of the State of Florida for the payment of the principal of and interest on which the full faith and credit of said State are pledged, or any bonds or other obligations which as to principal and interest are unconditionally guaranteed by the State of Florida;
- (ix) certificates that evidence ownership of the right to payments of principal and/or interest on obligations described in clause (i) and (iii) of this definition, provided that such obligations shall be held in trust by a bank or trust company or a national banking association authorized to exercise corporate trust powers and subject to supervision or examination by federal, state, territorial or District of Columbia authority and having a combined capital, surplus and undivided profits of not less than \$50,000,000;
- (x) certificates of deposit, whether negotiable or non-negotiable, and banker's acceptances issued by any bank, trust company or national banking association, in each case, having a combined capital, surplus and undivided profits of not less than \$100,000,000, provided at the time of their purchase hereunder such instruments are (a) rated not lower than the second highest rating category by two nationally recognized rating agencies, (b) issued by a bank, trust company or national banking association (1) which bank, trust company or national banking association's deposit obligations have been issued the highest possible rating (giving effect to any refinement or graduation of ratings by a numerical modifier or otherwise) by (x) Moody's Investors Service or (y) two nationally recognized rating agencies or (2) which bank, trust company or national banking association has issued and outstanding senior unsecured indebtedness rated not lower than the second highest whole rating category by two nationally recognized rating agencies; provided that, if after the purchase of any such certificates of deposit, the ratings thereon or with respect to the issuer thereof, as the case may be, shall fall below the requirement set forth in clause (a) or (b) hereof, JEA shall sell such certificates of deposit, or (c) fully insured by the FDIC or secured, to the extent not insured by the FDIC, by such securities as described in clause (i) of this definition which securities shall at all times have a market value at least equal to the principal amount of such certificates of deposit or banker's acceptances;
- (xi) commercial paper that, at the date of investment, is rated "P-1" by Moody's Investors Service and "A-1" by Standard & Poor's Rating Group or their respective successors or if not so rated by both such rating agencies, then rated "P-1" by Moody's Investors Service or "A-1" by Standard & Poor's Ratings Group or "F-1" by Fitch Investors Service and rated with the highest possible rating (giving effect to any refinement or graduation of ratings with a numerical or symbolic modifier or otherwise) by one other nationally recognized rating agency;

- (xii) any repurchase agreement with any bank or trust company organized under the laws of any state of the United States of America or any national banking association or government bond dealer reporting to, trading with, and recognized as a primary dealer by the Federal Reserve Bank of New York, which agreement relates to the sale and repurchase of any of the securities described in clauses (i) and (iii) above and which, in the judgement of JEA, conforms as to terms and conditions with the then prevailing prudent standards in the financial markets;
- (xiii) shares of an investment company organized under the Investment Company Act of 1940, as amended, including money market mutual funds, which invests its assets exclusively in obligations of the type described in the other clauses of this definition which shares shall be rated AAA if rated by Standard & Poor's Rating Group and or Aaa if rated by Moody's Investors Service; and
- (xiv) the State of Florida Local Government Surplus Funds Trust Fund or any intergovernmental investment pool authorized pursuant to the Florida Interlocal Cooperation Act of 1969, as provided in s. 163.01.

EXHIBIT II  
SJRPP AUTHORIZED INVESTMENTS – FIRST BOND RESOLUTION

"Authorized Investments" shall mean and include any of the following securities, if and to the extent the same are at the time legal for investment of JEA's funds:

- (i) direct obligations of or obligations guaranteed by the United States of America;
- (ii) obligations issued by any of the following agencies or their successors: Banks for Cooperatives; Federal Intermediate Credit Banks; Federal Home Loan Banks; Federal Land Banks; Export-Import Bank of the United States; Tennessee Valley Authority; Government National Mortgage Association; Federal Farm Credit Banks; Farmers Home Administration; Federal National Mortgage Association; a Federal agency to the extent that such obligations are backed by the full faith and credit of the United States of America (other than as provided in clause (i) hereof);
- (iii) public housing bonds issued by public housing authorities and fully secured as to the payment of both principal and interest by a pledge or annual contribution under an annual contributions contract or contracts with the United States of America; or project notes issued by public agencies or municipalities, in each case, fully secured as to the payment of both principal and interest by a requisition or payment agreement with the United States of America;
- (iv) direct and general obligations of or obligations guaranteed by the State of Florida, to the payment of the principal of and interest on which the full faith and credit of the State is pledged;
- (v) deposits in interest bearing time deposits or certificates of deposit fully secured by obligations described in clause (i) through (iv) hereof to the extent not insured by the Federal Deposit Insurance Corporation or the Federal Savings and Loan Insurance Corporation;
- (vi) debt obligations having a maximum maturity of one year of any corporation or bank which are rated by Moody's Investors Service, Inc. and Standard & Poor's Corporation or their successors in the highest rating category used by one such rating agency and in one of the two highest rating categories used by the other rating agency for comparable types of debt obligations; and
- (vii) investment agreements with any government bond dealer reporting to the Federal Reserve Bank of New York, or any Member bank of the Federal Reserve System having capital stock, surplus and undivided earnings aggregating at least \$25,000,000 which agreements are secured by obligations described in sub-paragraphs (i) through (vi) of this paragraph having a market value of at least 103 percent of the amount of such agreement.

EXHIBIT III  
SJRPP AUTHORIZED INVESTMENTS – SECOND BOND RESOLUTION

“Authorized Investments” shall mean and include each of the following securities, obligations and investments if and to the extent that at the time the same shall be legal for investment of JEA’s funds:

- (i) any bonds or other obligations which constitute direct obligations of, or as to principal and interest are unconditionally guaranteed by, the United States of America, including obligations of any of the federal agencies set forth in clause (ii) below to the extent unconditionally guaranteed by the United States of America;
- (ii) bonds, debentures, or other evidences of indebtedness issued or guaranteed by any agency or corporation which has been or may hereafter be created pursuant to an Act of Congress as an agency or instrumentality of the United States of America which at the time of their purchase hereunder are rated “AAA” by Standard & Poor’s and “Aaa” by Moody’s Investors Service, if rated by both rating agencies, and, if rated by one such rating agency, shall have a rating of “AAA” or “Aaa” by Standard & Poor’s or Moody’s Investors Service, as the case may be;
- (iii) obligations of any state of the United States of America or any political subdivision thereof or any agency or instrumentality of any state or political subdivision, provided that at the time of their purchase hereunder such obligations are rated in either of the two highest whole rating categories by two nationally recognized rating agencies;
- (iv) direct and general obligations of the State of Florida for the payment of the principal of and interest on which the full faith and credit of said State is pledged, or any bonds or other obligations which as to principal and interest are unconditionally guaranteed by the State of Florida;
- (v) certificates that evidence ownership of the right to payments of principal and/or interest on obligations described in clauses (i) and (ii) of this definition, provided that such obligations shall be held in trust by a bank or trust company or a national banking association authorized to exercise corporate trust powers and subject to supervision or examination of federal, state, territorial or District of Columbia authority and having a combined capital, surplus and undivided profits of not less than \$50,000,000;
- (vi) certificates of deposit, whether negotiable or non-negotiable, and banker’s acceptances issued by any bank, trust company or national banking association, in each case, having a combined capital, surplus and undivided profits of not less than \$100,000,000; provided, that at the time of their purchase hereunder such instruments are (a) rated not lower than the second highest whole rating category by two nationally recognized rating agencies, (b) issued by a bank, trust company or nationally recognized association (1) which bank, trust company or national banking association’s deposit obligations have been issued the highest possible rating (giving effect to any refinement or graduation of ratings by a numerical or symbolic modifier or otherwise) by (X) Moody’s Investors Service or Standard & Poor’s

or (Y) two nationally recognized rating agencies or (2) which bank, trust company or national banking association has issued and outstanding senior unsecured indebtedness rated not lower than the second highest whole rating category by two nationally recognized rating agencies; provided that, if after the purchase of any such certificates of deposit, the ratings thereon or with respect to the issuer thereof, as the case may be, shall fall below the requirements set forth in clause (a) or (b) hereof, JEA shall sell such certificates of deposit, or (c) fully insured by the Federal Deposit Insurance Corporation or secured, to the extent not insured by the Federal Deposit Insurance Corporation, by such securities as are described in clause (i) of this definition which securities shall at all times have a market value at least equal to the principal amount of such certificates of deposit or banker's acceptances;

- (vii) commercial paper that, at the date of investment, is rated "P-1" by Moody's Investors Service and "A-1" by Standard & Poor's, or if not so rated by both such rating agencies, then rated "P-1" by Moody's Investors Service or "A-1" by Standard & Poor's or "F-1" by Fitch Ratings and rated with the highest possible rating (giving effect to any refinement or graduation of ratings with a numerical or symbolic modifier or otherwise) by one other nationally recognized rating agency;
- (viii) any repurchase agreement with any bank or trust company organized under the laws of any state of the United States of America or any national banking association or government bond dealer reporting to, trading with, and recognized as a primary dealer by the Federal Reserve bank of New York, which agreement relates to the sale and repurchase of any one or more of the securities described in clauses (i) and (ii) above and which, in the judgment of JEA, conforms as to terms and conditions with then prevailing prudent standards in the financial markets;
- (ix) shares of an investment company organized under the Investment Company Act of 1940, as amended (or successor provision of law), which invests in assets exclusively in obligations of the type described in the other clauses of this definition which shares shall be rated "AA" or above if rated by Standard & Poor's and "Aa2" or above if rated by Moody's Investors Service;
- (x) interests in the State of Florida Local Government Surplus Funds Trust Fund or other similar common trust fund for which such state, or a constitutional or statutory officer or agency thereof, shall be the custodian; and
- (xi) any agreements or contracts with insurance companies or other financial institutions, which agreements or contracts (a) shall be rated at the date of investment of such agreements or contracts in the highest whole rating category by two nationally recognized rating agencies, or (b) are issued or entered into by (i) an insurance company whose claims paying ability shall be rated at the date of investment in such agreements or contracts in the highest whole rating category by two nationally recognized rating agencies or (ii) an insurance company or other financial institution that has issued and outstanding senior unsecured indebtedness rated at the date of investment in such agreements or contracts in the highest whole rating category by two nationally recognized rating agencies, and whereby under each such

agreement or contract the insurance company or other financial institution shall be absolutely and unconditionally obligated to repay the moneys invested by JEA and interest thereon, without any right of recoupment, counterclaim or set off.

EXHIBIT IV  
RESTATED AND AMENDED BULK POWER SUPPLY SYSTEM  
AUTHORIZED INVESTMENTS

"Authorized Investments" shall mean and include each of the following securities, obligations and investments if and to the extent that at the time the same shall be legal for investment of JEA's funds:

- (i) any bonds or other obligations which constitute direct obligations of, or as to principal and interest are unconditionally guaranteed by, the United States of America, including obligations of any of the federal agencies set forth in clause (ii) below to the extent unconditionally guaranteed by the United States of America;
- (ii) bonds, debentures, or other evidences of indebtedness issued or guaranteed by any agency or corporation which has been or may hereafter be created pursuant to an Act of Congress as an agency or instrumentality of the United States of America which at the time of their purchase hereunder are rated "AAA" by Standard & Poor's and "Aaa" by Moody's Investors Service, if rated by both rating agencies, and, if rated by one such rating agency, shall have a rating of "AAA" or "Aaa" by Standard & Poor's or Moody's Investors Service, as the case may be;
- (iii) obligations of any state of the United States of America or any political subdivision thereof or any agency or instrumentality of any state or political subdivision, provided that at the time of their purchase hereunder such obligations are rated in either of the two highest whole rating categories by two nationally recognized rating agencies;
- (iv) direct and general obligations of the State of Florida for the payment of the principal of and interest on which the full faith and credit of said State is pledged, or any bonds or other obligations which as to principal and interest are unconditionally guaranteed by the State of Florida;
- (v) certificates that evidence ownership of the right to payments of principal and/or interest on obligations described in clauses (i) and (ii) of this definition, provided that such obligations shall be held in trust by a bank or trust company or a national banking association authorized to exercise corporate trust powers and subject to supervision or examination of federal, state, territorial or District of Columbia authority and having a combined capital, surplus and undivided profits of not less than \$50,000,000;
- (vi) certificates of deposit, whether negotiable or non-negotiable, and banker's acceptances issued by any bank, trust company or national banking association, in each case, having a combined capital, surplus and undivided profits of not less than \$100,000,000; *provided*, that at the time of their purchase hereunder such instruments are (a) rated not lower than the second highest whole rating category by two nationally recognized rating agencies, (b)

issued by a bank, trust company or nationally recognized association (1) which bank, trust company or national banking association's deposit obligations have been issued the highest possible rating (giving effect to any refinement or graduation of ratings by a numerical or symbolic modifier or otherwise) by (X) Moody's Investors Service or Standard & Poor's or (Y) two nationally recognized rating agencies or (2) which bank, trust company or national banking association has issued and outstanding senior unsecured indebtedness rated not lower than the second highest whole rating category by two nationally recognized rating agencies; provided that, if after the purchase of any such certificates of deposit, the ratings thereon or with respect to the issuer thereof, as the case may be, shall fall below the requirements set forth in clause (a) or (b) hereof, JEA shall sell such certificates of deposit, or (c) fully insured by the Federal Deposit Insurance Corporation or secured, to the extent not insured by the Federal Deposit Insurance Corporation, by such securities as are described in clause (i) of this definition which securities shall at all times have a market value at least equal to the principal amount of such certificates of deposit or banker's acceptances;

- (vii) commercial paper that, at the date of investment, is rated "P-1" by Moody's Investors Service and "A-1" by Standard & Poor's, or if not so rated by both such rating agencies, then rated "P-1" by Moody's Investors Service or "A-1" by Standard & Poor's or "F-1" by Fitch Ratings and rated with the highest possible rating (giving effect to any refinement or graduation of ratings with a numerical or symbolic modifier or otherwise) by one other nationally recognized rating agency;
- (viii) any repurchase agreement with any bank or trust company organized under the laws of any state of the United States of America or any national banking association or government bond dealer reporting to, trading with, and recognized as a primary dealer by the Federal Reserve bank of New York, which agreement relates to the sale and repurchase of any one or more of the securities described in clauses (i) and (ii) above and which, in the judgment of JEA, conforms as to terms and conditions with then prevailing prudent standards in the financial markets;
- (ix) shares of an investment company organized under the Investment Company Act of 1940, as amended (or successor provision of law), which invests in assets exclusively in obligations of the type described in the other clauses of this definition which shares shall be rated "AA" or above if rated by Standard & Poor's and "Aa" or above if rated by Moody's Investors Service;
- (x) interests in the State of Florida Local Government Surplus Funds Trust Fund or other similar common trust fund for which such state, or a constitutional or statutory officer or agency thereof, shall be the custodian; and
- (xi) any agreements or contracts with insurance companies or other financial institutions, which agreements or contracts (a) shall be rated at the date of investment of such agreements or contracts in the highest whole rating category by two nationally recognized rating agencies, or (b) are issued or entered into by (i) an insurance company whose claims paying ability shall be rated at the date of investment in such agreements or contracts in the highest whole rating category by two nationally recognized rating agencies or (ii) an insurance company



or other financial institution that has issued and outstanding senior unsecured indebtedness rated at the date of investment in such agreements or contracts in the highest whole rating category by two nationally recognized rating agencies, and whereby under each such agreement or contract the insurance company or other financial institution shall be absolutely and unconditionally obligated to repay the moneys invested by JEA and interest thereon, without any right of recoupment, counterclaim or set off. Any such agreement or contract may provide that, with the approval of JEA, the insurance company or other financial institution may have the right to assign its obligations under any such agreement or contract to any other insurance company or other financial institution.

EXHIBIT V  
JEA WATER AND SEWER AUTHORIZED INVESTMENTS

"Authorized Investments" shall mean and include any of the following securities, if and to the extent the same are at the time legal for investment of JEA's funds:

- (i) any bonds or other obligations which constitute direct obligations of, or as to principal and interest are unconditionally guaranteed by, the United States of America, including obligations of any of the Federal agencies set forth in clause (iii) below to the extent unconditionally guaranteed by the United States of America;
- (ii) any bonds or other obligations of any state of the United States of America or of any agency, instrumentality or local governmental unit of any such state (a) which are not callable prior to maturity, or which have been duly called for redemption by the obligor on a date or dates specified and as to which irrevocable instructions have been given to a trustee in respect of such bonds or other obligations by the obligor to give due notice of such redemption on such date or dates, which date or dates shall be also specified in such instructions, (b) which are secured as to principal and interest and redemption premium, if any, by a fund consisting only of cash or bonds or other obligations of the character described in clause (i) above which fund may be applied only to the payment of such principal of and interest and redemption premium, if any, on such bonds or other obligations on the maturity date or dates thereof or the redemption date or dates specified in the irrevocable instructions referred to in subclause (a) of this clause (ii), as appropriate, (c) as to which the principal of and interest on the bonds and obligations of the character described in clause (i) above on deposit in such fund along with any cash on deposit in such fund are sufficient to pay principal of and interest and redemption premium, if any, on the bonds or other obligations described in this clause (ii) on the maturity date or dates thereof or on the redemption date or dates specified in the irrevocable instructions referred to in subclause (a) of this clause (ii), as appropriate and (d) which at the time of their purchase hereunder are rated AAA by Standard & Poors Ratings Group and if rated by Moody's Investors Service, are rated Aaa by such agency;
- (iii) bonds, debentures, or other evidences of indebtedness issued or guaranteed by an agency or corporation which has been or may hereafter be created pursuant to an Act of Congress as an agency or instrumentality of the United States of America which at the time of their purchase hereunder are rated AAA and Aaa by Standard and Poor's and Moody's Investors Service, respectively, or if only rated by one, then shall have a rating of AAA or Aaa, as the case may be;
- (iv) New Housing Authority Bonds issued by public agencies or municipalities and fully secured as to the payment of both principal and interest by a pledge of annual contributions under an annual contributions contract or contracts with the United States of America, or project notes issued by public agencies or municipalities and fully secured as to the payment of both principal and interest by a requisition or payment agreement with the United States of America;
- (v) obligations of any state of the United States of America or any political subdivision thereof or an agency or instrumentality of any state or political subdivision, provided at the time of their purchase hereunder such obligations are rated in either of the two highest rating categories by two nationally recognized rating agencies;

- (vi) any agreements or contracts with insurance companies or other financial institutions, which agreements or contracts (a) shall be rated at the date of investment in such agreements or contracts in the highest whole rating category by two nationally recognized rating agencies, or (b) are issued and entered into by (i) an insurance company whose claim paying ability shall be rated at the date of investment in such agreements or contracts in the highest whole rating category by two nationally recognized rating agencies or (ii) an insurance company or other financial institution that has issued and outstanding senior unsecured indebtedness rated at the date of investment in such agreements or contracts in the highest whole rating category by two nationally recognized rating agencies, and whereby under each such agreement or contract the insurance company or other financial institution shall be absolutely and unconditionally obligated to repay the moneys invested by JEA and interest thereon, without any right of recoupment, counterclaim or set off. Right of assignment is permitted, if approved by JEA
- (vii) direct and general obligations of the State of Florida for the payment of the principal of and interest on which the full faith and credit of said State are pledged, or any bonds or other obligations which as to principal and interest are unconditionally guaranteed by the State of Florida;
- (viii) certificates that evidence ownership of the right to payments of principal and/or interest on obligations described in clause (i) and (iii) of this definition, provided that such obligations shall be held in trust by a bank or trust company or a national banking association authorized to exercise corporate trust powers and subject to supervision or examination by federal, state, territorial or District of Columbia authority and having a combined capital, surplus and undivided profits of not less than \$50,000,000;
- (ix) certificates of deposit, whether negotiable or non-negotiable, and banker's acceptances issued by any bank, trust company or national banking association, in each case, having a combined capital, surplus and undivided profits of not less than \$100,000,000, provide at the time of their purchase hereunder such instruments are (a) rated not lower than the second highest rating category by two nationally recognized rating agencies, (b) issued by a bank, trust company or national banking association (1) which bank, trust company or national banking association's deposit obligations have been issued the highest possible rating (giving effect to any refinement or graduation of ratings by a numerical modifier or otherwise) by (x) Moody's Investors Service or (y) two nationally recognized rating agencies or (2) which bank, trust company or national banking association has issued and outstanding senior unsecured indebtedness rated not lower than the second highest whole rating category by two nationally recognized rating agencies; provided that, if after the purchase of any such certificates of deposit, the ratings thereon or with respect to the issuer thereof, as the case may be, shall fall below the requirement set forth in clause (a) or (b) hereof, JEA shall sell such certificates of deposit, or (c) fully insured by the FDIC or secured, to the extent not insured by the FDIC, by such securities as described in clause (i) of this definition which securities shall at all times have a market value at least equal to the principal amount of such certificates of deposit or banker's acceptances;

- (x) commercial paper that, at the date of investment, is rated “P-1” by Moody's Investors Service and “A-1” by Standard & Poor's Rating Group or their respective successors or if not so rated by both such rating agencies, then rated “P-1” by Moody’s Investors Service or “A-1” by Standard & Poor’s Ratings Group or “F-1” by Fitch Investors Service and rated with the highest possible rating (giving effect to any refinement or graduation of ratings with a numerical or symbolic modifier or otherwise) by one other nationally recognized rating agency;
- (xi) any repurchase agreement with any bank or trust company organized under the laws of any state of the United States of America or any national banking association or government bond dealer reporting to, trading with, and recognized as a primary dealer by the Federal Reserve Bank of New York, which agreement relates to the sale and repurchase of any of the securities described in clauses (i) and (iii) above and which, in the judgement of JEA, conforms as to terms and conditions with the then prevailing prudent standards in the financial markets;
- (xii) shares of an investment company organized under the Investment Company Act of 1940, as amended, which invests its assets exclusively in obligations of the type described in the other clauses of this definition which shares shall be rated AA or above if rated by Standard & Poor’s Rating Group and Aa2 or above if rated by Moody’s Investors Service; and
- (xiii) interests in the State of Florida Local Government Surplus Funds Trust Fund or other similar common trust fund for which such state, or a constitutional or statutory officer or agency thereof, shall be the custodian.

EXHIBIT VI  
JEA DISTRICT ENERGY SYSTEM AUTHORIZED INVESTMENTS

"Authorized Investments" shall mean and include any of the following securities, if and to the extent the same are at the time legal for investment of JEA's funds:

- (i) any bonds or other obligations which constitute direct obligations of, or as to principal and interest are unconditionally guaranteed by, the United States of America, including obligations of any of the Federal agencies set forth in clause (iii) below to the extent unconditionally guaranteed by the United States of America;
- (ii) any bonds or other obligations of any state of the United States of America or of any agency, instrumentality or local governmental unit of any such state (a) which are not callable prior to maturity, or which have been duly called for redemption by the obligor on a date or dates specified and as to which irrevocable instructions have been given to a trustee in respect of such bonds or other obligations by the obligor to give due notice of such redemption on such date or dates, which date or dates shall be also specified in such instructions, (b) which are secured as to principal and interest and redemption premium, if any, by a fund consisting only of cash or bonds or other obligations of the character described in clause (i) above which fund may be applied only to the payment of such principal of and interest and redemption premium, if any, on such bonds or other obligations on the maturity date or dates thereof or the redemption date or dates specified in the irrevocable instructions referred to in subclause (a) of this clause (ii), as appropriate, (c) as to which the principal of and interest on the bonds and obligations of the character described in clause (i) above on deposit in such fund along with any cash on deposit in such fund are sufficient to pay principal of and interest and redemption premium, if any, on the bonds or other obligations described in this clause (ii) on the maturity date or dates thereof or on the redemption date or dates specified in the irrevocable instructions referred to in subclause (a) of this clause (ii), as appropriate and (d) which at the time of their purchase hereunder are rated AAA by Standard & Poor's Ratings Group and if rated by Moody's Investors Service, are rated Aaa by such agency;
- (iii) bonds, debentures, or other evidences of long-term indebtedness issued or guaranteed by an agency or corporation which has been or may hereafter be created pursuant to an Act of Congress as an agency or instrumentality of the United States of America;
- (iv) discount notes or other short-term debt issued or guaranteed by an agency or corporation which has been or may hereafter be created pursuant to an Act of Congress as an agency or instrumentality of the United States of America which at the time of their purchase are rated in the highest rating category by two nationally recognized rating agencies;
- (v) New Housing Authority Bonds issued by public agencies or municipalities and fully secured as to the payment of both principal and interest by a pledge of annual contributions under an annual contributions contract or contracts with the United States of America, or project notes issued by public agencies or municipalities and fully secured as to the payment of both principal and interest by a requisition or payment agreement with the United States of America;
- (vi) obligations of any state of the United States of America or any political subdivision thereof or an agency or instrumentality of any state or political subdivision, provided at the time of their purchase hereunder such obligations are rated in either of the two highest rating categories by two nationally recognized rating agencies;

- (vii) any agreements or contracts with insurance companies or other financial institutions, which agreements or contracts (a) shall be rated at the date of investment in such agreements or contracts in the highest whole rating category by two nationally recognized rating agencies, or (b) are issued and entered into by (i) an insurance company whose claim paying ability shall be rated at the date of investment in such agreements or contracts in the highest whole rating category by two nationally recognized rating agencies or (ii) an insurance company or other financial institution that has issued and outstanding senior unsecured indebtedness rated at the date of investment in such agreements or contracts in the highest whole rating category by two nationally recognized rating agencies, and whereby under each such agreement or contract the insurance company or other financial institution shall be absolutely and unconditionally obligated to repay the moneys invested by JEA and interest thereon, without any right of recoupment, counterclaim or set off. Right of assignment is permitted, if approved by JEA;
- (viii) direct and general obligations of the State of Florida for the payment of the principal of and interest on which the full faith and credit of said State are pledged, or any bonds or other obligations which as to principal and interest are unconditionally guaranteed by the State of Florida;
- (ix) certificates that evidence ownership of the right to payments of principal and/or interest on obligations described in clause (i) and (iii) of this definition, provided that such obligations shall be held in trust by a bank or trust company or a national banking association authorized to exercise corporate trust powers and subject to supervision or examination by federal, state, territorial or District of Columbia authority and having a combined capital, surplus and undivided profits of not less than \$50,000,000;
- (x) certificates of deposit, whether negotiable or non-negotiable, and banker's acceptances issued by any bank, trust company or national banking association, in each case, having a combined capital, surplus and undivided profits of not less than \$100,000,000, provide at the time of their purchase hereunder such instruments are (a) rated not lower than the second highest rating category by two nationally recognized rating agencies, (b) issued by a bank, trust company or national banking association (1) which bank, trust company or national banking association's deposit obligations have been issued the highest possible rating (giving effect to any refinement or graduation of ratings by a numerical modifier or otherwise) by (x) Moody's Investors Service or (y) two nationally recognized rating agencies or (2) which bank, trust company or national banking association has issued and outstanding senior unsecured indebtedness rated not lower than the second highest whole rating category by two nationally recognized rating agencies; provided that, if after the purchase of any such certificates of deposit, the ratings thereon or with respect to the issuer thereof, as the case may be, shall fall below the requirement set forth in clause (a) or (b) hereof, JEA shall sell such certificates of deposit, or (c) fully insured by the FDIC or secured, to the extent not insured by the FDIC, by such securities as described in clause (i) of this definition which securities shall at all times have a market value at least equal to the principal amount of such certificates of deposit or banker's acceptances;

- (xi) commercial paper that, at the date of investment, is rated “P-1” by Moody's Investors Service and “A-1” by Standard & Poor's or their respective successors or if not so rated by both such rating agencies, then rated “P-1” by Moody’s Investors Service or “A-1” by Standard & Poor’s or “F-1” by Fitch Investors Service and rated with the highest possible rating (giving effect to any refinement or graduation of ratings with a numerical or symbolic modifier or otherwise) by one other nationally recognized rating agency;
- (xii) any repurchase agreement with any bank or trust company organized under the laws of any state of the United States of America or any national banking association or government bond dealer reporting to, trading with, and recognized as a primary dealer by the Federal Reserve Bank of New York, which agreement relates to the sale and repurchase of any of the securities described in clauses (i) and (iii) above and which, in the judgement of JEA, conforms as to terms and conditions with the then prevailing prudent standards in the financial markets;
- (xiii) shares of an investment company organized under the Investment Company Act of 1940, as amended, including money market mutual funds, which invests its assets exclusively in obligations of the type described in the other clauses of this definition which shares shall be rated AAA if rated by Standard & Poor’s and Aaa if rated by Moody’s Investors Service; and
- (xiv) the State of Florida Local Government Surplus Funds Trust Fund or any intergovernmental investment pool authorized pursuant to the Florida Interlocal Cooperation Act of 1969, as provided in s. 163.01.

Table 1 – JEA Investment Limitations

Option	Allowable Range (% of total investments and/or \$ amount)	Comments
Bank NOW Account	Up to 25%, except for 3/31 and 9/30 at which time the limit is 30%	Federal or state insured financial institutions designated as Qualified Public Depositories by the State of Florida
Triparty Repo	Up to 15% with any one dealer; up to 25% in aggregate	102% collateral for Elec., Water, SJRPP 2 <sup>nd</sup> Resolution; 103% for SJRPP 1 <sup>st</sup> Resolution. Collateral can include Treasuries and/or Agencies and is held by a 3 <sup>rd</sup> party custodian. Dealers rated AA by two rating agencies.
U.S. Treasuries or Treasury-only Money Market Funds	Up to 100%	Fund must be rated AAA or Aaa and registered with SEC.
U.S. Agencies (Fannie Mae, Federal Home Loan Bank, Freddie Mac, etc.)	Less than 35% in any one issuer and up to 75% in aggregate, including repo collateral	Electric/DES: No ratings requirement for long-term debt; A-1/P-1 or better for short-term debt; SJRPP 1 <sup>st</sup> Resolution: no ratings requirements; Other Systems: AAA rated All Systems: Not backed by mortgage loans.
Commercial Paper	Up to 25% of portfolio; maximum of \$12.5 million in any one issuer	Must be in Fortune 500/Global 500, or governments of Canada or Canadian provinces (U.S. dollar-denominated); rated at least A-1/P-1 with stable or positive outlook
Municipal Bonds	Up to 30% non-JEA debt; 50% including JEA debt	Non-JEA debt must be rated AA by two rating agencies for Elec., Water, and 2 <sup>nd</sup> Power Park Resolution; Fla. GOs for original Power Park Resolution
Government Agency Money Market Mutual Funds	Up to 10% in any one fund; up to 25% in aggregate	AAA or Aaa rating required. Registered with SEC.
Intergovernmental Investment Pool	Up to 10%	Authorized by Florida statutes. Includes Florida Prime Fund and PFM's Florida Education Income Trust Fund.