



Florida Municipal Power Agency

Jody Lamar Finklea, B.C.S.
General Counsel and Chief Legal Officer
Board Certified City, County and Local Government Lawyer

VIA Electronic Filing

February 7, 2018

Florida Public Service Commission
Carlotta S. Stauffer, Commission Clerk
Office of the Commission Clerk
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Beaches Energy Services/City of Jacksonville Beach – Revised Tariff Sheets

Dear Ms. Stauffer:

This letter is submitted on behalf of Beaches Energy Services pursuant to Rules 25-9.051 through 25-9.071 of the *Florida Administrative Code*.

Electronically filed are the following revisions to Beaches' tariff sheets in legislative and final filing formats:

- a) Eleventh Revised Sheet No. 8.0 – *General Service Non-Demand (Commercial) Rate*;
- b) Twelfth Revised Sheet No. 9.0 – *General Service Demand Rate*, and,
- c) Eleventh Revised Sheet No. 10.0 – *Residential Service Rate*.

Also enclosed for information and supportive purposes are copies of the following:

- 1) Bulk power cost adjustment memo, Jan. 24, 2018 (2 pgs.);
- 2) Memorandum in support of Resolution No. 2003-2018 (2 pgs.), and,
- 3) Resolution number 2003-2018 revising electric rates (5 pages).

If you have any questions or need clarification, please do not hesitate to contact our office.

Very truly yours,

/s/

Jody Lamar Finklea
General Counsel and Chief Legal Officer

**General Service
Non-Demand (Commercial)
Rate Schedule - GS**

Availability – Service is available within the corporate limits of Jacksonville Beach, Neptune Beach, Ponte Vedra Beach, Palm Valley, and other territories served by the city.

Applicability – Rate is applicable to any installation for supplying consumers other than residential for lighting, cooking, space conditioning, refrigeration and other electrical power needs, served through one (1) watt-hour meter for each general service non-demand activity. Limited to customers who have not established a monthly energy consumption greater than 20,000 kWh and/or a monthly peak demand greater than 50 kW.

Character of Service – Alternating current, regulated frequency of 60 cycles; delivered at approximately 120/140 volts, 3-wire single-phase, 4-wire, 3-phase, 240 or 208 volts, as available, at the option of the city.

Limitations – Auxiliary and standby service or resale of electric energy delivered by the city shall not be permitted except by written consent expressly authorized by the city council.

Rate per month – Monthly meter readings – All quantities of electrical energy shown by regular monthly watt-hour meter readings to have been delivered shall be charged for at the following:

Customer service charge	\$6.00 per month
Energy charge (all kWh)	\$0. 078570 <u>7957</u> per kWh

Minimum Charge – A minimum monthly electric bill shall be rendered to each consumer whose application has been approved for general service non-demand service for an amount equal to the customer service charge.

Bulk Power Cost Base (BPCB). *See Sheet No. 18.0*

Bulk Power Cost Adjustment (BPCA). *See Sheet No. 18.0*

Bulk Power Cost True-up (BPCT). *See Sheet No. 18.0*

Rate Stabilization Adjustment (RSA). *See Sheet No. 18.0*

Calculation of BPCA. *See Sheet No. 18.0*

Beaches Energy Services
No. 10.0
Jacksonville Beach, Florida
No. 10.0

~~Tenth~~Eleventh Revised Sheet

Cancels ~~Nine~~Tenth Revised Sheet

**Residential Service
Rate Schedule - RS**

Availability –Service is available within the corporate limits of Jacksonville Beach, Neptune Beach, Ponte Vedra Beach, Palm Valley, and other territories served by the city.

Applicability – Rate is applicable to any installation for supplying a single family residing in an individual residence or apartment with electric energy for lighting, cooking, heating, refrigeration and incidental power, or any combination thereof, served through one (1) watt-hour meter for each residence or apartment so occupied.

Character of Service – Alternating current; regulated frequency of 60 cycles, delivered at approximately 120/240 volts, 3wire, single-phase or 3-phase, 4-wire service, as available and at the option of the city.

Limitations –Rate shall be limited to customers who have not established a monthly energy consumption greater than 20,000 kWh and/or a monthly peak demand greater than 50 kW.

Monthly Meter Reading – All quantities of electrical energy shown by regular monthly watt-hour meter readings to have been delivered shall be charged for at the following rates per month:

Customer service charge	\$4.50 per month
Energy Charge (all kWh)	\$0. 0785707957 per kWh

Minimum Charge – A minimum monthly electric bill shall be rendered to each consumer whose application has been approved for residential service for an amount equal to the customer service charge.

Bulk Power Cost Base (BPCB). *See Sheet No. 18.0*

Bulk Power Cost Adjustment (BPCA). *See Sheet No. 18.0*

Bulk Power Cost True-up (BPCT). *See Sheet No. 18.0*

Rate Stabilization Adjustment (RSA). *See Sheet No. 18.0*

Calculation of BPCA. *See Sheet No. 18.0*

Issued by: Allen Putnam
Director of Beaches Energy Services

Effective: March 1, 20178

**General Service
Non-Demand (Commercial)
Rate Schedule - GS**

Availability – Service is available within the corporate limits of Jacksonville Beach, Neptune Beach, Ponte Vedra Beach, Palm Valley, and other territories served by the city.

Applicability – Rate is applicable to any installation for supplying consumers other than residential for lighting, cooking, space conditioning, refrigeration and other electrical power needs, served through one (1) watt-hour meter for each general service non-demand activity. Limited to customers who have not established a monthly energy consumption greater than 20,000 kWh and/or a monthly peak demand greater than 50 kW.

Character of Service – Alternating current, regulated frequency of 60 cycles; delivered at approximately 120/140 volts, 3-wire single-phase, 4-wire, 3-phase, 240 or 208 volts, as available, at the option of the city.

Limitations – Auxiliary and standby service or resale of electric energy delivered by the city shall not be permitted except by written consent expressly authorized by the city council.

Rate per month – Monthly meter readings – All quantities of electrical energy shown by regular monthly watt-hour meter readings to have been delivered shall be charged for at the following:

Customer service charge	\$6.00 per month
Energy charge (all kWh)	\$0.07957 per kWh

Minimum Charge – A minimum monthly electric bill shall be rendered to each consumer whose application has been approved for general service non-demand service for an amount equal to the customer service charge.

Bulk Power Cost Base (BPCB). *See Sheet No. 18.0*

Bulk Power Cost Adjustment (BPCA). *See Sheet No. 18.0*

Bulk Power Cost True-up (BPCT). *See Sheet No. 18.0*

Rate Stabilization Adjustment (RSA). *See Sheet No. 18.0*

Calculation of BPCA. *See Sheet No. 18.0*

Issued by: Allen Putnam
Director of Beaches Energy Services

Effective: March 1, 2018

**General Service Demand
 Rate Schedule - GSD**

Availability – Service is available within the corporate limits of Jacksonville Beach, Neptune Beach, Ponte Vedra Beach, and other territories served by the city.

Applicability – Rate will be applicable to customers who have established a monthly energy consumption of greater than 20,000 kWh and/or a monthly peak demand greater than 50 kW. All service hereunder will be rendered through a single metering installation.

Should the customer demonstrate that the future metered demand is expected to be reduced below the fifty (50) kW threshold, then the customer’s account may be reclassified to either residential or general service, as applicable, at the option of the city.

Character of Service – AC, 60 cycles, single- or three-phase, 120/208 volts and above as required and as available.

Limitations – Auxiliary and standby service or resale of electric energy delivered by the city shall not be permitted except by written consent expressly authorized by the city council.

Rate - The charge per month shall consist of the total of the demand, energy and customer service charge as follows:

Rate per month	
Customer service charge	\$16.25 per month
Demand Charge (all kWh)	\$ 8.50 per kW
Energy charge (all kWh)	\$ 0.06527 per kWh

High Load Factor Credit – the monthly per kW demand amount credited to those general service demand customers whose annual load factor is as follows:

Load Factor:	Monthly Demand Credit:
75 percent & higher	\$2.00 per kW demand charged
70 to 74 percent	\$1.50 per kW demand charged
65 – 69 percent	\$1.00 per kW demand charged
60 – 64 percent	\$0.50 per kW demand charged

The load factor will be established after the initial twelve (12) months of service for new customers, and based on the previous twelve (12) months for existing customers. Existing demand customers’ load factor will be reviewed and recalculated annually.

Minimum Bill – The minimum bill shall be equal to the customer service charge.

(Continued on Sheet No. 9.1)

Issued by: Allen Putnam
 Director of Beaches Energy Services

Effective: March 1, 2018

**Residential Service
Rate Schedule - RS**

Availability –Service is available within the corporate limits of Jacksonville Beach, Neptune Beach, Ponte Vedra Beach, Palm Valley, and other territories served by the city.

Applicability – Rate is applicable to any installation for supplying a single family residing in an individual residence or apartment with electric energy for lighting, cooking, heating, refrigeration and incidental power, or any combination thereof, served through one (1) watt-hour meter for each residence or apartment so occupied.

Character of Service – Alternating current; regulated frequency of 60 cycles, delivered at approximately 120/240 volts, 3wire, single-phase or 3-phase, 4-wire service, as available and at the option of the city.

Limitations –Rate shall be limited to customers who have not established a monthly energy consumption greater than 20,000 kWh and/or a monthly peak demand greater than 50 kW.

Monthly Meter Reading – All quantities of electrical energy shown by regular monthly watt-hour meter readings to have been delivered shall be charged for at the following rates per month:

Customer service charge	\$4.50 per month
Energy Charge (all kWh)	\$0.07957 per kWh

Minimum Charge – A minimum monthly electric bill shall be rendered to each consumer whose application has been approved for residential service for an amount equal to the customer service charge.

Bulk Power Cost Base (BPCB). *See Sheet No. 18.0*

Bulk Power Cost Adjustment (BPCA). *See Sheet No. 18.0*

Bulk Power Cost True-up (BPCT). *See Sheet No. 18.0*

Rate Stabilization Adjustment (RSA). *See Sheet No. 18.0*

Calculation of BPCA. *See Sheet No. 18.0*

Introduced by: _____

Adopted: _____

RESOLUTION NO. 2003-2018

**A RESOLUTION REVISING ELECTRIC RATES FOR
BEACHES ENERGY SERVICES**

WHEREAS, the City desires to establish electric rates, charges, and fees for Beaches Energy Services by resolution.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF
THE CITY OF JACKSONVILLE BEACH AS FOLLOWS:**

Section 1. That the schedule of fees, and charges for the electric utility previously established by Resolution No. 1971-2017 be revised as follows:

A. Monthly Electric Rates. The following schedule of rates and charges to be imposed, assessed and collected by the City for electric energy, facilities and services furnished by the City to its consumers, including the initial cut-in charges, deposit, line extension and other connection and service charges, is hereby adopted and established:

1. Residential service as defined in section 32-56 for the following:
 - a. *Character of service.* Alternating current; regulated frequency of sixty (60) cycles; delivered at approximately 120/240 volts, 3-wire, single-phase; or 3- phase, 4-wire service, as available and at the option of the City.
 - b. *Available.* In Jacksonville Beach, Neptune Beach, Ponte Vedra Beach, Palm Valley and other territories served by the City.
 - c. *Monthly meter reading.* All quantities of electrical energy shown by regular monthly watt-hour meter readings to have been delivered shall be charged for at the following rate in subsection d.
 - d. *Rate per month:*
 - i. Customer service charge ...\$4.50
 - ii. Energy charge (all kWh), per kWh ...~~\$0.0785707957~~
 - e. *Minimum monthly bill.* A minimum monthly electric bill shall be rendered to each consumer whose application has been approved for residential service for an amount equal to the customer service charge.
 - f. *Bulk Power Cost Base (BPCB).* Those power related costs that are embedded within the base rate stated in cost per kilowatt-hour.
 - g. *Bulk Power Cost Adjustment (BPCA).* The amount per kilowatt hour by which the rate billed for consumption of electrical energy increases or decreases the Bulk Power Cost Base rate in order to recover the actual cost of the bulk power supply of electricity to the City as approved by the City Manager.

- h. Bulk Power Cost True-Up (BPCT). The difference between the bulk power cost actually incurred (BPC) and the bulk power cost recovered through the bulk power cost base (BPCB) and the bulk power cost adjustment (BPCA).
 - i. Rate Stabilization Account (RSA). Extraordinary power cost recoveries, other than routine wholesale true-ups, may be deposited into or withdrawn from a Rate Stabilization Account to be used to offset sudden and temporary changes in the cost of power. The City may retain unusual or extraordinary power cost recoveries in excess of amounts transferred to the rate stabilization account at its discretion but can only use these moneys for items which are directly related to the electric utility.
 - j. Calculation of BPCA-The bulk power cost adjustment is the difference between the bulk power costs and the bulk power cost base (all stated in cost per kilowatt hour) as determined periodically. The formula for the calculation of the bulk power cost adjustment per kilowatt hour is calculated as follows: $(BPC + BPCT + RSA) / \text{kilowatt hours sold} - BPCB = BPCA$ per kilowatt hour.
2. General service non-demand service as defined in section 32-56 for the following:
- a. *Character of service.* Alternating current; regulated frequency of sixty (60) cycles, delivered at approximately 120/240 volts, 3-wire, single-phase; 4-wire, 3-phase, 240 or 208 volts, as available, and at the option of the City.
 - b. *Available.* In Jacksonville Beach, Neptune Beach, Ponte Vedra Beach, Palm Valley and other territories served by the City.
 - c. *Monthly meter reading.* All quantities of electrical energy shown by regular monthly watt-hour meter readings to have been delivered shall be charged for at the rate in subsection d.
 - d. *Rate per month:*
 - i. Customer service charge ... \$ 6.00
 - ii. Energy charge (all kWh), per kWh ... ~~\$0.0785707957~~
 - e. *Minimum monthly bill.* A minimum monthly electric bill shall be rendered to each consumer whose application has been approved for general service non-demand service for an amount equal to the customer service charge.
 - f. Bulk Power Cost Base (BPCB). See Section 1.A.1.f.
 - g. Bulk Power Cost Adjustment (BPCA). See Section 1.A.1.g.
 - h. Bulk Power Cost True-Up (BPCT). See Section 1.A.1.h.
 - i. Rate Stabilization Account (RFA). See Section 1.A.1.i
 - j. Calculation of BPCA. See Section 1.A.1.j. Limitations applicable to all classes of service: Auxiliary and standby service or resale of electric energy delivered by the City shall not be permitted except by written consent expressly authorized by the City Council.
3. General service demand as defined in section 32-56 for the following:
- a. *Character of service.* AC, 60 cycles, single-or 3-phase, 120/208 volts and above as required and as available.
 - b. *Available.* Within the service area of the electric utility of the City.
 - c. *Monthly meter reading.* All quantities of electrical energy shown by regular monthly watt-hour meter readings to have been delivered shall be charged for at the following rate in subsection d.

- d. *Rate per month:* The charge per month shall consist of the total of the demand, energy, and customer service charge as follows:
 - i. Customer service charge ...\$16.25
 - ii. Demand charge (all kWh), per kW ...\$8.50
 - iii. Energy charge (all kWh), per kWh ... ~~\$0.0642706527~~
- e. *Minimum bill.* The minimum bill shall be equal to the customer service charge.
- f. *High load factor credit.* The monthly per kW demand credit to those general service demand customers whose annual load factor is as follows:

TABLE INSET:

Load Factor	Monthly Demand Credit
15 percent & higher	\$2.00 per kW demand charged
70 to 74 percent	\$1.50 per kW demand charged
65 to 69 percent	\$1.00 per kW demand charged
60 to 64 percent	\$0.50 per kW demand charged

The load factor will be established after the initial twelve (12) months of service for new customers and the previous twelve (12) months for existing customers. Existing demand customers' load factor will be reviewed and recalculated annually.

- g. Bulk Power Cost Base (BPCB). See Section 1.A.1.f.
 - h. Bulk Power Cost Adjustment (BPCA). See Section 1.A.1.g.
 - i. Bulk Power Cost True-Up (BPCT). See Section 1.A.1.h.
 - j. Rate Stabilization Account (RSA). See Section 1.A.1.i.
 - k. Calculation of BPCA. See Section 1.A.1.j.
 - l. Should the customer demonstrate that the future metered demand is expected to be reduced below the fifty (50) kW thresholds then the customer's account may be reclassified to either residential or general service, as applicable, at the option of the City.
4. Rental lights. Rental lights will be furnished on sites approved by the City electric department, including installation, maintenance, replacement when necessary, and electrical energy consumed, including a rate schedule as provided by City resolution.

B. Installation charges.

- 1. *Underground installation charges.* Jacksonville Beach and other service areas: Underground residential installation, single-phase, 240-volt, 125-ampere, up to and including 200 ampere service class:
 - a. Initial charge for new installation in this class...\$400.00
 - b. Initial installation charge, additional apartments or services on the same service line, whether new or existing, each ...\$5.00

- c. Service replacement as the result of additional demand:
 - i. Customer may at his/her option obtain the services of a licensed electrician to install necessary wiring from meter to the termination point designated by the City. Charge for initial cut-in when complete service is installed by an electrical contractor...\$20.00
 - ii. Customer may request that his/her service be increased to a maximum 200-ampere single-phase class for residential use. Charge for this service performed by the City ...\$200.00
- d. Temporary service charge... \$20.00
- e. All underground services other than residential 125-ampere through 200- ampere single-phase must be installed by a licensed electrician from meter to the termination point designated by the City.
- f. Underground service laterals. All underground service laterals to be installed by the utility shall be installed in a conduit provided at owner expense, size, and quantity to be determined by the utility.
- 2. *Overhead installation charges.* Jacksonville Beach and other service areas: Overhead installation charge when permitted, single-phase, 240-volt, up to and including 200- ampere class:
 - a. Initial charge for new installation in this class ...\$50.00
 - b. Initial installation charge, additional apartments or services on the same service line, whether new or existing, each ...\$5.00
 - c. Temporary service charge ... \$20.00
- 3. *Overhead installations over two hundred amperes.* Jacksonville Beach and other service areas: Overhead installation, when permitted, other than single-phase or in excess of 200-ampere class:
 - a. Initial installation charge shall be the estimated actual cost of such service as determined by the electrical utility.
 - b. Initial installation charge, additional apartments or services on the same service line, whether new or existing, each ... \$5.00
 - c. Temporary service: Temporary service charge shall be the estimated actual cost of such service as determined by the electric utility.
 - d. Service replacements as the result of additional demand: Installation charge shall be the estimated actual cost of such service as determined by the electric utility.
- 4. *City and other service areas.* Available to customers having a three-phase demand meter and providing for customer's access to meter real time energy and demand values. Initial charge for installation of a KYZ contact assembly...\$170.00

C. Fuel adjustment and rates for service outside limits.

- 1. Bulk Power Cost Base (BPCB). See Section 1.A.1.f.
- 2. Bulk Power Cost Adjustment (BPCA). See Section 1.A.1.g.
- 3. Bulk Power Cost True-Up (BPC1). See Section 1.A.1.h.
- 4. Rate Stabilization Account (RSA). See Section 1.A.1.i.
- 5. Calculation of BPCA. See Section 1.A.1.j.

6. Rates for service outside limits. The rates to be charged and collected by the city for electric energy furnished by the City to customers outside of its corporate limits shall be such as are fixed by the City, to be applicable within certain designated areas, or upon a schedule adopted for such specific extensions as may be constructed by the City or by contract with any person taking electric energy from the City through their own or through the City's distribution system.

D. Testing of meters; payment of costs; special readings.

Upon written notice a meter will be tested by the City and in the event the meter when tested is found to be not more than two (2) percent fast, the expense of the test shall be paid by the customer at a cost of ten dollars (\$10.00); otherwise, the expense of the test will be borne by the City and billing adjustments for a period not to exceed six (6) months will be made. Special meter readings requested by the customer will be made upon application and upon payment of ten dollars (\$10.00) to the City.

Section 2. All Resolutions in conflict with this resolution are hereby repealed.

Section 3. This resolution shall take effect March 1, 2018.

AUTHENTICATED this _____ day of _____, A.D., 2018.

William C. Latham,
MAYOR

Laurie Scott,
CITY CLERK



BEACHES ENERGY
SERVICES

MEMORANDUM

TO: George D. Forbes
City Manager

FROM: Allen Putnam
Director of Beaches Energy Services

DATE: January 24, 2018

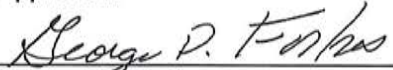
SUBJECT: Bulk Power Cost Adjustment

The bulk power cost adjustment will be decreased from 3.384 cents per kilowatt hour to 2.984 cents per kilowatt hour, effective March 1st, 2018, for all kilowatt hours billed after this date.

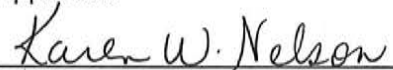
The decrease is due to the decrease in power cost rates billed to us from the Florida Municipal Power Agency. This change will decrease the kilowatt hour cost of power for our customers.

If any additional information is necessary, please let me know.

Approved:

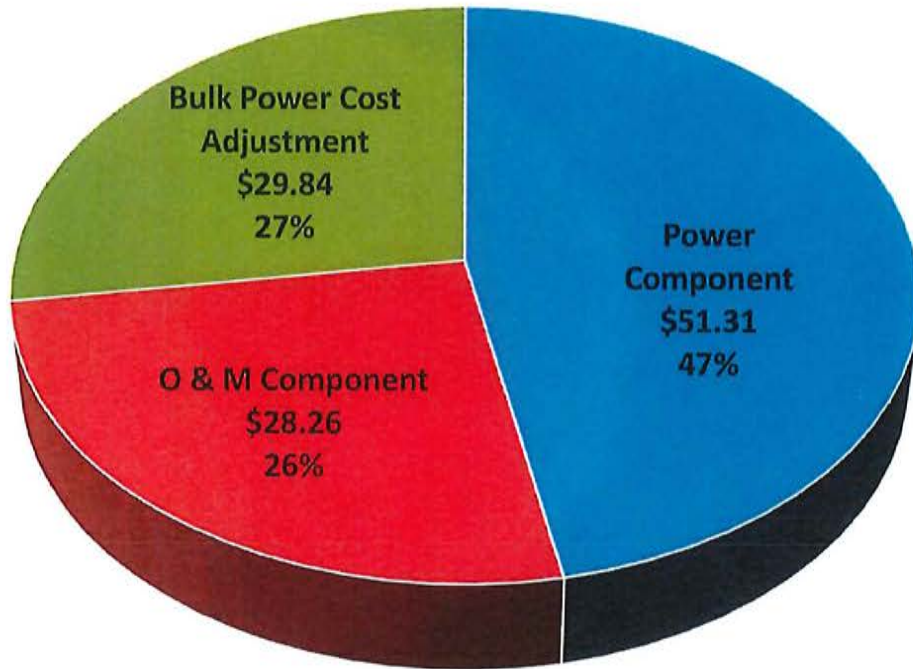

George D. Forbes,
City Manager

Approved:


Karen W. Nelson,
Chief Financial Officer

Cc: Debbie Dineen, Utility Billing Supervisor
Caroline Jenkins, Utilities Accountant

Beaches Energy Services
Billed Power Rates Effective 3-1-2018
Total Billed: 0.10941 (\$109.41 per 1,000 kwh)



	<i>per 1,000</i>	<i>per kwh</i>
Power Component	\$51.31	0.05131
O & M Component	\$28.26	0.02826
Bulk Power Cost Adjustment	\$29.84	0.02984
Total Energy Billed per 1,000 kwh	\$109.41	0.10941
Customer Charge	\$4.50	0.00450
Total Billed Power Charges	\$113.91	0.11391

City of
Jacksonville Beach
City Hall
11 North Third Street
Jacksonville Beach
FL 32250
Phone: 904.247.6274
Fax: 904.270.1642

www.jacksonvillebeach.org

MEMORANDUM

TO: George D. Forbes, City Manager
FROM: Karen Nelson, CFO
SUBJECT: Resolution No. 2003-2018 Revising Electric Rates
DATE: January 24, 2018

ACTION REQUESTED

Adopt Resolution No. 2003-2018 revising the electric rates for Beaches Energy Services.

BACKGROUND

For the past several years, Beaches Energy Services has been diligently rebuilding our electric distribution system to improve customer service and reliability. Periodically we have adjusted the operations and maintenance portion of our rates to reflect operating costs. Since March of 2010, the total rate charged to the customer has decreased by \$21 per 1,000-kilowatt hours. We accomplished this reduction by decreasing the bulk power cost adjustment to reflect decreases in the cost of power purchased for resale by Beaches Energy Services.

Due to a recent internal rate review, staff is proposing to increase the non-fuel portion of the energy rate by \$1.00 per thousand kilowatt-hours to offset the increase in operating costs and planned capital improvements.

At the same time, we will reduce the bulk power cost adjustment by \$4.00 per thousand kilowatt-hours, which will equate to a net dollar decrease of \$3.00 per 1,000-kilowatt hours. After this change, the cumulative reduction in electric rates since 2010 will be \$24 per 1,000-kilowatt hours. This represents an average decrease of \$288 annually per residential customer, and much more for commercial customers depending upon their usage.

The chart below shows the change a residential customer would pay for 1,000-kilowatt hours of electricity.



Memo to George D. Forbes
Electric Rates Revision
January 24, 2018

Page 2

Rate Component	<i>Before Change</i>	<i>After Change</i>
Residential Base Charge	\$4.50	\$4.50
KWh Base Charge	\$78.57	\$79.57
Bulk Power Cost Adjustment	\$33.84	\$29.84
Total Rate Billed per 1,000 kwh	\$116.91	\$113.91

RECOMMENDATION

Adopt Resolution No. 2003-2018 revising electric rates for Beaches Energy Services.