

RESOLUTION NO. 43-2020 OF THE CITY OF LAKE WORTH BEACH, FLORIDA, PROVIDING FOR RATES, FEES AND CHARGES, AND REGULATIONS FOR ALL ELECTRICITY SOLD BY THE CITY OF LAKE WORTH BEACH, FLORIDA FOR USE OF ELECTRIC LIGHT AND POWER SYSTEM FOR FISCAL YEAR 2020-2021; REPEALING ALL RESOLUTIONS IN CONFLICT HEREWITH; PROVIDING FOR SEVERABILITY; PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of Lake Worth Beach, Florida, is authorized and required to fix uniform and adequate rates for its service; and

WHEREAS, an evaluation of the level of electric system rates established that no changes to the rates from Fiscal Year 2019-2020 are needed; and

WHEREAS, with the City's installation of electric vehicle charging stations throughout the City, a new rate, the Electric Vehicle Charging Level II rate, must be created and which will only be assessed to those users of the City's electric vehicle charging stations; and,

WHEREAS, the City Commission has determined that all of the rates set forth herein are just and equitable and serve a valid public purpose.

NOW, THEREFORE, BE IT RESOLVED BY THE COMMISSION OF THE CITY OF LAKE WORTH BEACH, FLORIDA as follows:

Section 1. Definitions: For the purpose of this resolution, the following terms, phrases, words, and their derivations shall have the meaning given herein. When not inconsistent with the context, words used in the present tense include the future, words in the plural in the present tense include the future, words in the plural include the singular, and words in the singular include the plural.

- A. "Shall" is always mandatory and not merely directory.
- B. "Net Metering Accounts" are those customer accounts with the City's Electric Utility where the customer has applied to the City's Electric Utility; installed a Customer-Owned Renewable Generation System (as defined in the Net Metering Program Rules and Regulations); executed a City Interconnection Agreement; has been approved by the Electric Utility for interconnection with the City's electric system; and, remains in compliance with the City's Net Metering Program. All rates applicable to Net Metering Accounts are governed by Resolution No. 45-2019 (as may be amended from time to time).
- C. "Purchased Power Cost Adjustment (PCA)" The cost of electricity is affected by the price of fuel and the purchase price of power supply. The PCA is an adjustment charge caused by an increased or decreased in the cost to purchase or supply power to customers. It is shown on the customer's bill as a credit or a surcharge to the price per kilowatt-hour. The customer's utility bill may have a credit, as the cost of power supply decreases, or it may have a surcharge when the costs increase.

Section 2. The following schedules shall be the rates charged and the regulations imposed by the City of Lake Worth Beach, Florida, on all electric power sold by the City of Lake Worth Beach, Florida for lighting, heating and power purposes, to wit:

A. Regular Residential Electric (Schedule R-S)

1. Designation: Regular Residential Electric
2. Applicable: For domestic electric purposes in private residences and individually metered apartments. Residential rates shall apply for electric energy used in commonly-owned facilities in condominiums and cooperative apartment buildings, subject to the following criteria:
 - a. 100% of the energy is used exclusively for the co-owners' benefit.
 - b. None of the energy is used in any endeavor which sells or rents a commodity or provides service for a fee.
 - c. Each point of delivery will be separately metered and billed.
 - d. A responsible legal entity is established as the customer to whom the City of Lake Worth Beach can render its bills for said service.
 - e. A cooperative or condominium requesting residential rates shall apply for the rate and establish the above criteria.
3. Limitations: Auxiliary and stand-by generation or resale of the electric energy not permitted hereunder. Recognized rooming houses, tourist homes and dwellings accommodating more than four paying guests supplied through a single meter will not be served under this schedule.
4. Service: Single phase, 60 cycles at available standard voltage. Three phase service may be furnished but only under special arrangements and at the option of the City of Lake Worth Beach.
5. Monthly Rates:
 - a. Customer Charge: A fixed charge based on the cost of preparing and delivering a bill, which will be applied to each electric account receiving a bill. \$10.53 per month.
 - b. Energy Charge per kWh

	First 1,000 KWH's	Excess
Base Energy-kWh	0.05148	0.0788
Fuel	0.03578	0.0390
Capacity	0.01020	0.0102
Total	0.09746	0.1280

6. The rates listed above include all administrative charges from the City of Lake Worth Beach.
7. Purchased Power Cost Adjustment Charge:
 - A. Purchased Power Cost Adjustment Charge will be applied as set forth below.
8. Outside City Limits Surcharge: A surcharge for electric use outside the City of Lake Worth Beach, Florida, municipal limits shall be charged as set forth below.
9. Minimum Bill: The minimum bill for electric use shall be charged at \$31.40 per month.

- B. Regular Commercial Service (Schedule C-S)
1. Designation: Regular Commercial Electric.
 2. Applicable: For commercial, industrial, and governmental use within the territory served by the Electric Distribution System of the City of Lake Worth Beach, as available and at the option of the City.
 3. Limitations: For consumers who own renewable energy facilities (such as wind, solar power or home fuel cells), resale of the electric energy is not permitted hereunder.
 4. Service: Single or three phase, 60 cycles and at any available standard voltage, at the option of the City of Lake Worth Beach.
 5. Monthly Rates:
 - a. Customer Charge: A fixed charge based on the cost of preparing and delivering a bill which will be applied to each electric account receiving a bill. \$16.66 per month.
 - b. Charge per kWh.

	All kWhs
Base Energy - kWh	0.0704
Fuel	0.03578
Capacity	0.0102
Total	0.11638

6. The rates listed above includes all administrative charges from the City of Lake Worth Beach.
 7. Purchased Power Cost Adjustment Charge: A Purchased Power Cost Adjustment Charge will be applied as set forth below.
 8. Outside City Limits Surcharge: A surcharge for electric use outside the City of Lake Worth Beach, Florida, municipal limits shall be charged as set forth below.
 9. Minimum Bill: The minimum bill for electric use shall be \$50.00 per month.
- C. Demand Commercial Service (Schedule CD-S)
1. Designation: Demand Commercial Electric
 2. Applicable: For customers who qualifies for service under Schedule C-S above and has a peak demand of 18 kW or greater for three (3) consecutive months:
 3. Limitations: Auxiliary or stand-by service or resale not permitted hereunder.
 4. Service: Single or three phase, 60 cycles and at any available standard voltage, at the option of the City of Lake Worth Beach.
 5. Monthly Rates:
 - a. Customer Charge: A fixed charge based on the cost of preparing and delivering a bill, which will be applied to each electric account receiving a bill. \$120.00 per month.
 - b. Charge per KWH

	All kWhs	Demand - KW
Base Energy-kWh	0.0355	\$ 14.48
Fuel	0.0289	
Capacity	0.0102	
Total	0.0746	\$14.48

6. The rates listed above include all administrative charges from the City of Lake Worth Beach.
7. Billing Demand: The maximum 15 minute measured demand in the month, subject to power factor adjustment.
8. Power Factor Adjustment: When demand is measured with a kW meter and customer's power factor in any month is below 95% the measured demand may be adjusted to 95% power factor.
9. Purchased Power Cost Adjustment Charge:
 - A. Purchased Power Cost Adjustment Charge will be applied as set forth below.
10. Outside City Limits Surcharge: A surcharge for electric use outside the City of Lake Worth Beach, Florida, municipal limits shall be charged as set forth below.
11. Minimum Bill: The minimum bill for electric use shall be \$140.00 per month.

D. Regular Time of Use Commercial Service (Schedule CT-S)

1. Designation: Time of Use Commercial Service
2. Applicable: For commercial, industrial, and governmental use within the territory served by the Electric Distribution System of the City of Lake Worth Beach, as available and at the option of the City.
3. Limitations: For consumers who own renewable energy facilities (such as wind, solar power or home fuel cells), resale of the electric energy is not permitted hereunder.
4. Service: Single or three phase, 60 cycles and at any available standard voltage, at the option of the City of Lake Worth Beach.
5. Monthly Rates:
 - a. Customer Charge: A fixed charge based on the cost of preparing and delivering a bill which will be applied to each electric account receiving a bill. \$28.97 per month.
 - b. Energy Charge:
 - i. Off Peak \$0.0846 per kWh
 - ii. On Peak \$0.2651 per kWh
 - iii. Determination of Off-Peak Period: October – May: The off-peak period is defined as the hours between 1:00 p.m. and 6:00 a.m., Monday through Friday and all day Saturday and Sunday. In addition, the following holidays will also be considered off-peak: New Year's Day, Memorial Day, Thanksgiving Day, and Christmas Day. June – September: The off-peak period is defined as the hours between 7:00 p.m. and 2:00 p.m., Monday through Friday and all day Saturday and Sunday. In addition, the following holidays will also be considered off-peak: Independence Day and Labor Day. All other hours are considered on peak hours.

6. Term of Contract: One year and thereafter until terminated at the option of either party by the giving of not less than thirty (30) days advance written notice of the effective date of termination.
 7. Purchased Power Cost Adjustment Charge: A Purchased Power Cost Adjustment Charge will be applied as set forth below.
 8. Outside City Limits Surcharge: A surcharge for electric use outside the City of Lake Worth Beach, Florida, municipal limits shall be charged as set forth below.
 9. Minimum Bill: The minimum bill for electric use shall be \$50.00 per month.
- E. Time of Use Demand Commercial Service (Schedule CDT-S)
1. Designation: Time of Use Demand Commercial Service
 2. Applicable: For commercial, industrial, and governmental use within the territory served by the Electric Distribution System of the City of Lake Worth Beach, as available and at the option of the City.
 3. Limitations: For consumers who own renewable energy facilities (such as wind, solar power or home fuel cells), resale of the electric energy is not permitted hereunder.
 4. Service: Single or three phase, 60 cycles and at any available standard 416 voltage, at the option of the City of Lake Worth Beach.
 5. Monthly Rates:
 - a. Customer Charge: A fixed charge based on the cost of preparing and delivering a bill which will be applied to each Electric account receiving a bill. \$130.32 per month.
 - b. Energy Charge:
 - i. Off Peak \$0.0627 per kWh
 - ii. On Peak \$0.2432 per kWh
 - iii. Demand Charge: \$7.39 per kW.
 - iv. Billing Demand: The maximum 15 minute measured demand in the month, subject to power factor adjustment.
 - v. Power Factor Adjustment: When demand is measured with a kW 438 meter and customer's power factor in any month is below 95% the measured demand may be adjusted to 95% power factor.
 - vi. Determination of Off-Peak Period: October – May: The off-peak period is defined as the hours between 1:00 p.m. and 6:00 a.m., Monday through Friday and all day Saturday and Sunday. In addition, the following holidays will also be considered off-peak: New Year's Day, Memorial Day, Thanksgiving Day, and Christmas Day.
 - vii. June – September: The off-peak period is defined as the hours between 7:00 p.m. and 2:00 p.m., Monday through Friday and all day Saturday and Sunday. In addition, the following holidays will also be considered off-peak: Independence Day and Labor Day. All other hours are considered on peak hours.
 6. Term of Contract: One year and thereafter until terminated at the option of either party by the giving of not less than thirty (30) days advance written notice of the effective date of termination.
 7. Purchased Power Cost Adjustment Charge: A Purchased Power Cost Adjustment Charge will be applied as set forth below.
 8. Outside City Limits Surcharge: A surcharge for electric use outside the City of Lake Worth Beach, Florida, municipal limits shall be charged as set forth below.
 9. Minimum Bill: The minimum bill for electric use shall be \$140.00 per month.

F. Electric Vehicle Charging Level II (Schedule EV2-S)

1. Designation: Electric Vehicle Charging Level II
2. Applicable: For City owned public electric vehicle Level II charging stations.
 - a. None of the energy is used in any endeavor which sells or rents a commodity or provides service for a fee.
 - b. Each point of delivery will be separately metered and billed.
 - c. Limitations: Auxiliary and stand-by generation or resale of the electric energy not permitted hereunder.
3. Energy Charge per kWh

	All KWH's
Base Energy-kWh	0.05148
Fuel	0.03578
Capacity	0.0102
Total	0.09746

4. The rates listed above include all administrative charges from the City of Lake Worth Beach.
5. Purchased Power Cost Adjustment Charge:
 - A. Purchased Power Cost Adjustment Charge will be applied as set forth below.
6. Outside City Limits Surcharge: A surcharge for electric use outside the City of Lake Worth Beach, Florida, municipal limits shall be charged as set forth below.

G. Private Area Lighting (Schedule L-P)

1. Designation: Private Area Lighting
2. Applicable: For year-round outdoor security lighting of yards, driveways, walkways, parking lots, parks, and other areas, under the following conditions:
 - a. Lights to be served hereunder shall be at locations that are easily and economically accessible to the City of Lake Worth Beach equipment and personnel for construction and maintenance.
 - b. Original location of lighting fixtures shall be by mutual agreement and shall not be located so as to create a public nuisance.
 - c. Any relocation requested by customer after installation shall be made at customer's expense. All new lighting units provided under this Schedule shall be the high pressure sodium vapor (conservation lighting) type.
3. Limitations:
 - a. Auxiliary and stand-by generation or resale of the electric energy not permitted hereunder.
 - b. The City of Lake Worth Beach, while exercising reasonable diligence at all times to furnish service hereunder, does not guarantee continuous lighting and will not be liable for damages for any interruption, deficiency or failure of service and reserves the right to interrupt service at any time for necessary repairs to lines or equipment.

4. Service: Service includes lamp renewals, energy from approximately dusk each day until approximately dawn the following day and maintenance of facilities. The City of Lake Worth Beach will replace all burned out lamps and will maintain its facilities during regular daytime working hours as soon as practicable following notification by the customer that such work is necessary. The City of Lake Worth Beach shall be permitted to enter the customer's premises at all reasonable times for the purpose of inspecting, maintaining, installing and removing any or all of its equipment and facilities. Single phase, 60 cycles at available standard voltage. Three phase service may be furnished but only under special arrangements and at the option of the City of Lake Worth Beach.
5. Term of Service: Not less than one (1) year.
6. Monthly Rates: A fixed monthly charge based on the number of units installed shall be charged based on the following schedule.
 - a. Standard Lighting:

Description Unit Cost per Month 175 Watt (7,000 Lumen) \$11.63

Mercury-Vapor Existing Pole Street Light Unit on	
400 Watt (20,500 Lumen) Mercury-Vapor Street Light Unit on Existing Pole	\$18.24
1,000 Watt (55,000 Lumen) Mercury-Vapor Street Light Unit on Existing Pole Conservation Lighting: Description 100 Watt (9,500 Lumen) High Pressure Sodium Vapor Street Light Unit on Existing Pole	\$35.89 unit cost per month \$9.46
250 Watt (27,500 Lumen) High Pressure Sodium Vapor Street Light Unit on Existing Pole	\$13.58
360 Watt High Pressure Sodium Vapor Street Light Unit on Existing Pole	\$16.24
400 Watt (50,000 Lumen) High Pressure Sodium Vapor Street Light Unit on existing pole Appurtenances: Description Wood Pole and span of Overhead Conductors or Pole used only for Light	\$16.33 unit cost per month \$2.55
Concrete Pole and Span of Overhead Conductors or Pole used only for Light	\$3.82
Underground Conductors up to 150 feet	\$1.27
Underground Conductors from 150 feet to 300 feet	\$2.55

7. Purchased Power Cost Adjustment Charge: A Purchased Power Cost Adjustment Charge will be applied as set forth below.
8. Outside City Limits Surcharge: A surcharge for electric use outside the City of Lake Worth Beach, Florida, municipal limits shall be charged as set forth below

H. Street Lighting (Schedule L-S)

1. Designation: Street Lighting
2. Applicable: For lighting of public right-of ways. All new lighting units provided under this Schedule shall be the high pressure sodium vapor (conversation) type.
3. Limitations:
 - a. Auxiliary and stand-by generation or resale of the electric energy not permitted hereunder.

- b. The City of Lake Worth Beach, while exercising reasonable diligence at all times to furnish service hereunder, does not guarantee continuous lighting and will not be liable for damages for any interruption, deficiency or failure of service and reserves the right to interrupt service at any time for necessary repairs to lines or equipment.
- c. Should the City of Lake Worth Beach be required by the customer to replace the street light(s) with a light (or lights) of another type or rating, then the customer may be required to pay the estimated labor, vehicle use and other direct costs involved in replacing the fixtures.
- 4. Service: Service includes lamp renewals, energy from approximately dusk each day until dawn the following day and maintenance of City of Lake Worth Beach owned street lighting systems.
- 5. Term of Service: For not less than ten (10) years for City of Lake Worth Beach facilities or customer will be required to pay depreciated cost of installed facilities plus cost of removal.
- 6. Monthly Rates:
 - a. A fixed monthly charge based on the number of units installed shall be charged based on the following schedule.
 - b. Conservation Lighting:

Description Unit Cost per Month

100 Watt (9,500 Lumen) High Pressure Sodium Vapor Street Light Unit on Existing Pole	\$7.48
150 Watt (27,500 Lumen) High Pressure Sodium Vapor Street Light Unit on Existing Pole	\$8.89
250 Watt (27,500 Lumen) High Pressure Sodium Vapor Street Light Unit on Existing Pole	\$11.68
360 Watt High Pressure Sodium Vapor Street Light Unit on Existing Pole	\$14.47
400 Watt (50,000 Lumen) High Pressure Sodium Vapor Street Light Unit on existing pole	\$16.28

- c. Appurtenances:

Description Unit Cost per Month

Wood Pole and span of Overhead Conductors \$2.55 or Pole used only for Light
 Concrete Pole and Span of Overhead Conductors \$3.82 or Pole used only for Light
 Underground Conductors up to 150 feet \$1.27
 Underground Conductors from 150 feet to 300 feet \$2.55

- 7. Purchased Power Cost Adjustment Charge:
 - A. Purchased Power Cost Adjustment Charge will be applied as set forth below.
- 8. Outside City Limits Surcharge:
 - A. Surcharge for electric use outside the City of Lake Worth Beach, Florida, municipal limits shall be charged as set forth below.

Section 3. Purchased Power Cost Adjustment (PCA): A Purchased Power Cost Adjustment Charge (PCA) shall be established each month for energy sales during that month as follows:

$$\frac{A+B+C+D}{X(1+F)} \times E$$

where:

A = The actual purchased power costs for the month and includes power supply from all sources including St. Lucie, Stanton, Purchase Power and generating fuel & transmission

B = Purchased Power cost paid in customer rates for month, which is equal to (PCA from last month plus base power costs) divided by 1 plus system loss estimate (7 percent) times MWh's of purchased power (Purchased power includes power supply & transmission from all resources)

C = Projected power supply cost for up to next twelve months

D = Projected power supply costs recovered in base rates remainder of year, which is equal to the projected purchased power in MWh's times base rate divided by 1 plus system losses (estimated at 7 percent)

E = The projected sales over remainder of year equal to projected MWh's of purchased power divided by 1 plus system losses (estimated at 7 percent)

F = The contribution factor to the General Fund of the City.

The base power cost included in the base rates is \$ 81.80 per MWh.

The purchased power cost adjustment charge will be reconciled periodically but at a minimum of once a year and trued up between estimated billing units defined as MWh's of purchased power divided by 1 plus system losses and actual billing units.

The calculation of the purchased power cost adjustment will be lagging by two months. For example, the power supply for the month of September will be charged to customers beginning in November that year.

Section 4. Surcharge For Service Outside The Municipal Limits: With respect to any residents, premises and/or users outside the corporate limits of the City of Lake Worth Beach, Florida, where such residents, premises and/or users now or hereafter have or use electrical utility service with the electrical system of the City of Lake Worth Beach, they shall be charged a rate for the electricity they use equal to the charge established for service to the residents, premises and/or users within the City of Lake Worth Beach, Florida, plus any applicable taxes or fees that are required in the Code of Ordinances or Resolutions of the specific jurisdiction in which those accounts reside. Such taxes and fees are collected by the City of Lake Worth Beach and remitted directly to the appropriate County or Municipal entity.

Section 5. Nothing in this resolution shall prohibit the City of Lake Worth Beach from entering into an agreement to provide electricity and electric utility services to or within any unit of government or governmental subdivision with terms and conditions other than contained herein.

Section 6. All resolutions or parts of resolutions in conflict herewith are expressly repealed.

Section 7. If any provision of this resolution or the application thereof to any person or circumstance is held invalid, the invalidity shall not affect other provisions or applications

of the resolution, which can be given effect without the invalid provision or application, and to this end the provisions of this resolution are declared severable.

Section 8. This resolution shall be in effect for billings issued on or after October 1, 2020.

The passage of this resolution was moved by _____, seconded by _____, and upon being put to a vote, the vote was as follows:

- Mayor Pam Triolo
- Vice Mayor Andy Amoroso
- Commissioner Scott Maxwell
- Commissioner Omari Hardy
- Commissioner Herman Robinson

The Mayor thereupon declared this resolution duly passed and adopted this _____ day of September 2020.

LAKE WORTH BEACH CITY COMMISSION

By: _____
Pam Triolo, Mayor

ATTEST:

Deborah M. Andrea, CMC, City Clerk