ORDINANCE NO. 18 - _____

AN ORDINANCE AMENDING TITLE 8 (PUBLIC UTILITIES), CHAPTER 1 (ELECTRICITY), ARTICLE C (ELECTRIC SERVICE RATES), SECTION 4 (SCHEDULE OF RATES) OF THE NAPERVILLE MUNICIPAL CODE

BE IT ORDAINED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF NAPERVILLE, DUPAGE AND WILL COUNTIES, ILLINOIS, in exercise of its home rule powers that:

SECTION 1: Title 8 (Public Utilities), Chapter 1 (Electricity), Article C (Electric Service Rates), Section 4 (Schedule of Rates) of the Naperville Municipal Code is hereby amended by adding the underlined language as follows:

8-1C-4: - SCHEDULE OF RATES:

1. through 5. * * *

6. Residential Rates (RS):

6.1. Residential Description: This rate class shall be available to any customer using DPU-E electric service for residential purposes or to a customer whose entire heating requirements are supplied under this rate by permanently installed electric heating facilities. Multi-family residential electric service under this Subsection will be furnished only to single premises. In multi-family residences, the common areas shall be billed to the property owner as a separate customer.

6.2. Combined Residence And Business: Where a residence and a business are combined into a single premises, electric service will not be furnished under this Subsection for the whole premises unless the primary electric demand is to be used for residential purposes.

6.2.1. In all other cases, electric service shall be billed at the general service rate and the Facility Installation Charge (FIC) shall be paid before electric service is provided.

6.2.2. Electric service provided through ancillary electric meter(s) at such premises shall be billed at the general service rate.

6.3. Residential Flat Rate Charges:

6.3.1. Flat Rate Description: These rates are available to all residential customers. They are referred to as "flat" rates because each kilowatt hour (kWh) is charged at the same price no matter when it is used. The customer bill may rise or fall depending on the amount of energy consumed, but the rate remains at the same flat amount throughout the entire billing period.

6.3.2. Minimum Charge: The minimum bill in any billing period shall be the customer charge, as set forth in Section 8-1C-4:1.9 hereof.

6.3.3. Energy Charges: The following rate schedule outlines the flat rates for residential customers. These rates are subject to any applicable Municipal and State taxes for each billing period.

DPU-E RATE SCHEDULE 1: FLAT RESIDENTIAL RATES

Bill Rate Code	Rate Name	Standard/ Optional	Description of Rate	Units	~~May~~ Jan 1, 201~~5~~8 Value	~~Feb~~ Jan 1, 201~~6~~9 Value	Jan 1, 201~~7~~20 Value	Jan 1, 201~~8~~21 Value
RS	Flat Residential Rate	Standard	This the standard rate for all energy used, charged per kilowatt hour (kWh) consumed.	$/kWh	~~$0.1004~~ $0.1135	~~$0.1080~~ $0.1112	~~$0.1107~~ $0.1090	~~$0.1135~~ $0.1068
FRN	Flat Residential Net Metering Rate	Net Option	The Flat Residential Net Metering rate relates energy credit you would receive when you have renewable energy sources at home, such as solar panels on your roof.	$/-kWh	~~-$0.1004~~ -$0.1135	~~-$0.1080~~ -$0.1112	~~-$0.1107~~ -$0.1090	~~-$0.1135~~ -$0.1068
FRC	Flat Residential Forward Energy Rate	Sub Option	This rate is an option available for customers who charge Electric Vehicle/Plugin Hybrid Electric Vehicle (EV/PHEV) or other approved energy storage devices.	$/kWh	~~$0.1004~~ $0.1135	~~$0.1080~~ $0.1112	~~$0.1107~~ $0.1090	~~$0.1135~~ $0.1068

7. * * *

8. General Service Rates (GS):

8.1. General Service Description: This rate class shall be available to any nonresidential customer including educational, governmental and religious institutions, water and wastewater pumping facilities, governmental facilities

owned by the City of Naperville, public street or highway traffic signal lighting systems, and nonresidential customers with electric heating.

8.2. The Department of Public Utilities - Electric (DPU-E) will perform an annual analysis of the level of electrical power (kW) delivered to all general service customers. This analysis will be performed in January of each year. Based on these findings, general service customers' meters at a specific location where any of the meters at that location exceed a demand level of fifty (50) kW in any month over the course of the previous twelve (12) months will be moved to the general service Level 2 rate category. Conversely, general service customer meters that show an analyzed demand level less than fifty (50) kW in all months over the course of the previous twelve (12) months will be moved to the general service Level 1 rate category.

8.2.1. Any new customer with a projected peak demand of seventy-five (75) kW or more will be placed in the GS2 category, and will be re-evaluated with other customers as described in Subsection 8-1C-4-8.2 above.

8.3. General Service Flat Rate Charges:

8.3.1. Flat Rate Description: These rates are available to all general service customers. They are referred to as "flat" rates because each kilowatt hour (kWh) is charged at the same price no matter when it is used. The customer bill may rise or fall depending on the amount of energy consumed, but the rate remains at the same flat amount throughout the entire billing period.

8.3.2. Minimum Charge: The minimum bill in any billing period shall be the customer charge set forth in Section 8-1C-4:1.9 hereof.

8.3.3. Demand And/Or Energy Charges: The following rate schedule outlines the flat rates for general service customers. These rates are subject to any applicable Municipal and State taxes for each billing period.

DPU-E RATE SCHEDULE 2: FLAT GENERAL SERVICE RATES

Bill Rate Code	Rate Name	Standard/ Optional	Description of Rate	Units	~~May~~ Jan 1, 2015~~8~~ Value	~~Feb~~ Jan 1, 2016~~9~~ Value	Jan 1, 201~~7~~20 Value	Jan 1, 201~~8~~21 Value
FGS	Flat General Service Rate 1 (GS1)	Standard/ Selected based on kW	This rate is available for commercial customers and it is the standard rate for all energy used, charged per kilowatt hour consumed (kWh).	$/kWh	~~$0.1007~~ $0.1147	~~$0.1085~~ $0.1124	~~$0.1115~~ $0.1102	~~$0.1147~~ $0.1080
FGT	Flat General Service Rate 2 (GS2)	Selected based on kW	This is a standard commercial customer rate for all energy used, charged per kilowatt hour consumed (kWh).	$/kWh	~~$0.0469~~ $0.0498	~~$0.0510~~ $0.0488	~~$0.0504~~ $0.0478	~~$0.0498~~ $0.0469
FGM	Flat General Service Net Metering Rate 2 (GS2)	Net Option	This rate relates to the energy credit you would receive when you have renewable energy sources at your business such as solar panels, wind generators etc. at projected demand of greater than fifty (50) kW	$/-kWh	~~N/A~~ -$0.0498	~~-$0.0510~~ -$0.0488	~~-$0.0504~~ -$0.0478	~~-$0.0498~~ -$0.0469
FGD	Flat General Service Demand Rate 2 (GS2)	Selected based on kW	Demand charges cover the costs of keeping equipment available to provide enough energy to meet the highest requirements of the customer any time during the month.	$/kWd	~~$20.3901~~ $23.00	~~$22.0000~~ $22.54	~~$22.5000~~ $22.09	~~$23.0000~~ $21.65
FGN	Flat General Service Net Metering Rate	Net Option	This rate relates to the energy credit you would receive when you have renewable energy sources at your business such as solar panels, wind generators etc.	$/-kWh	~~-$0.1007~~ -$0.1147	~~-$0.1085~~ -$0.1124	~~-$0.1115~~ -$0.1102	~~-$0.1147~~ -$0.1080

FGC	Flat General Service Forward Energy Rate	Sub Option	This rate is an option available for customers who charge Electric Vehicle/Plugin Hybrid Electric Vehicle (EV/PHEV) or other approved energy storage devices.	$/kWh	~~$0.1007~~ $0.1147	~~$0.1085~~ $0.1124	~~$0.1115~~ $0.1102	~~$0.1147~~ $0.1080
FGI	Flat General Service Infrastructure Availability Charge (IAC)	Optional	The Flat General Service Infrastructure Availability Charge relates to an alternative negotiated option with the City to pay required permit fees applicable to the availability of the electric infrastructure capacity to support a customer energy demand.	$/kWh	$0.0100	$.0100	$.0100	$.0100

8.4. * * *

9. Primary Metering Rates (PM):

9.1. Primary Metering Description: This rate class shall be available to any nonresidential customer who meets the following criteria. Customers who were billed at the primary metering class prior to November 1, 1995 may continue billing pursuant to this rate.

9.1.1. Where electricity is supplied between four thousand one hundred sixty (4,160) volts and twelve thousand five hundred (12,500) volts and is metered at the DPU-E electric energy source conductors or at the electric energy conductors entering the customer's premises;

9.1.2. Where the customer's minimum kilowatt (kW) demand is greater than seven hundred fifty (750) kW during any billing period over the course of the previous twelve (12) billing periods; and

9.1.3. Where the customer furnishes, installs and maintains any and all transformers and other facilities necessary to reduce the primary voltage of each such electric energy conductor to a lower voltage for the customer's use.

9.2. A Standby Capacity Charge shall be applied to all Primary Metering customers who are approved by DPU-E to use cogeneration and have a valid Parallel Operation and Energy Purchase Agreement. The Standby Capacity Charge is

utilized by DPU-E to recover costs incurred to have capacity available to meet customer peak demand when needed. The standby capacity (kW) is determined by the customer's previous three-year rolling average, and is calculated for each calendar year and the monthly standby capacity charge rate is five dollars and eighty-three cents per kilowatt ($5.83/kW) for Primary Metering. The monthly billing demand shall be based on customer's contribution to the Utility's wholesale peak billing demand from the Illinois Municipal Electric Agency (IMEA) and shall be provided at wholesale demand rates plus losses on kW units coincident with the Utility's peak. Rates for energy provided by the utility equal the wholesale rate from IMEA plus losses on kWh units purchased. If Primary cogeneration customer no longer has cogeneration facilities on-site or a valid Parallel Operation and Energy Purchase Agreement with the City of Naperville DPU-E, they will be charged according to the Primary Metering Flat Rate Schedule in Section 8-1C-4:9.3.3 hereof.

9.3. Primary Metering Flat Rate Charges:

9.3.1. Flat Rate Description: These rates are available to all primary metering customers. They are referred to as "flat" rates because each kilowatt hour (kWh) is charged at the same price no matter when it is used. The customer bill may rise or fall depending on the amount of energy consumed, but the rate remains at the same flat amount throughout the entire billing period.

9.3.2. Minimum Charge: The minimum bill in any billing period shall be the customer charge set forth in Section 8-1C-4:1.9 hereof.

9.3.3. Demand And Energy Charges: The following rate schedule outlines the flat rates for primary metering customers. These rates are subject to any applicable Municipal and State taxes for each billing period.

DPU-E RATE SCHEDULE 4: FLAT PRIMARY METERING RATES

Bill Rate Code	Rate Name	Standard/ Optional	Description of Rate	Units	~~May~~ Jan 1, 2015~~5~~8 Value	~~Feb~~ Jan 1, 2016~~6~~9 Value	Jan 1, 2017~~20~~20 Value	Jan 1, 2018~~21~~21 Value
FPS	Flat Primary Metering Rate	Standard	This rate is the set rate for energy (kWh) supplied to the customer's transformer primary side. The customer is responsible for maintaining onsite electrical facilities, including transformers.	$/kWh	~~$0.0462~~ $0.0485	~~$0.0504~~ $0.0475	~~$0.0495~~ $0.0466	~~$0.0485~~ $0.0456
FPD	Flat Primary Metering Demand Rate	Standard	Demand charges cover the costs of keeping equipment available to provide enough energy to meet the highest requirements of the customer any time during the month.	$/kWd	~~$20.0719~~ $24.00	~~$21.5000~~ $23.52	~~$22.7500~~ $23.05	~~$24.0000~~ $22.59
FPN	Flat Primary Net Metering Rate (renewable energy sources)	Net Option	This rate relates to the energy credit you would receive when you have renewable energy sources at your business such as solar panels, wind generators etc.	$/-kWh	~~-$0.0462~~ -$0.0498	~~-$0.0504~~ -$0.0475	~~-$0.0495~~ -$0.0466	~~-$0.0485~~ -$0.0456
FPC	Flat Primary Metering Forward Energy Rate	Sub Option	This rate is an option available for customers who charge Electric Vehicle/Plugin Hybrid Electric Vehicle (EV/PHEV) or other approved energy storage devices.	$/kWh	~~$0.0462~~ $0.0498	~~$0.0504~~ $0.0475	~~$0.0495~~ $0.0466	~~$0.0485~~ $0.0456
FPG	Flat Primary Co-Generation Metering Rate	Co-gen Option	This is the rate of energy (kWh) delivered to the electric grid by customer cogeneration equipment. Cogeneration is defined as an energy source which utilizes a non-renewable fuel, such as natural gas, to produce electric energy.	$/-kWh	Average cost with IMEA for 12-month contract, will be reviewed and modified every May 01.			

TP8	Standby Primary Metering Energy Rate	Standby-Co-gen Option	This is a cogeneration customer rate for all energy used, charged per kilowatt hour consumed (kWh)	$/kWh	Average cost from IMEA for previous calendar year plus losses of 2.5%, and will be reviewed and modified every January 01.
TP9	Standby Primary Metering Demand Rate	Standby-Co-gen Option	This is a cogeneration customer rate charged for all kW demand coincident with Utility's peak demand	$/kWd	Average cost from IMEA for previous calendar year plus losses of 2.5%, and will be reviewed and modified every January 01.

9.4. * * *

10. Transmission Metering Rates (TM):

10.1. Transmission Metering Description: This rate shall be available to any nonresidential customer where:

10.1.1. The primary voltage of electricity supplied is equal to or greater than thirty-four thousand five hundred (34,500) volts and is metered at the DPU-E electric energy source conductors or at the electric energy conductors entering the customer's premises;

10.1.2. The customer's minimum kilowatt (kW) demand is greater than seven hundred fifty (750) kW during any billing period over the course of the previous twelve (12) billing periods; and

10.1.3. Where the customer furnishes, installs and maintains any and all transformers and other facilities necessary to reduce the primary voltage of each such electric energy conductor to a lower voltage for the customer's use.

10.2. A Standby Capacity Charge shall be applied to all Transmission Metering customers who are approved by DPU-E to use cogeneration and have a valid Parallel Operation and Energy Purchase Agreement. The Standby Capacity Charge is utilized by DPU-E to recover costs incurred to have capacity available to meet customer peak demand when needed. The standby capacity (kW) is determined by the customer's previous three-year rolling average, and is calculated for each calendar year and the monthly standby capacity charge rate is two dollars and seventy-one cents per kilowatt ($2.71/kW) for Transmission Metering. The monthly billing demand shall be based on customer's contribution to the Utility's wholesale peak billing demand from the Illinois Municipal Electric Agency (IMEA) and shall be provided at wholesale demand rates plus losses on kW units coincident with the Utility's peak. Rates for energy provided by the utility equal the wholesale rate from IMEA plus losses on kWh units purchased. If Transmission cogeneration customer no longer has cogeneration facilities on-site or a valid Parallel Operation and Energy Purchase Agreement with the City of Naperville DPU-E, they will be charged according to the Transmission Metering Flat Rate Schedule in Section 8-1C-4:10.3.3 hereof.

10.3. Transmission Metering Flat Charges:

10.3.1. Flat Rate Description: These rates are available to all transmission metering customers. They are referred to as "flat" rates because each kilowatt hour (kWh) is charged at the same price no matter when it is used. The customer bill may rise or fall depending on the amount of energy consumed, but the rate remains at the same flat amount throughout the entire billing period.

10.3.2. Minimum Charge: The minimum bill in any billing period shall be the customer charge set forth in Section 8-1C-4:1.9 hereof.

10.3.3. Demand And Energy Charges: The following rate schedule outlines the flat rates for transmission metering customers. These rates are subject to any applicable Municipal and State taxes for each billing period.

DPU-E RATE SCHEDULE 6: FLAT TRANSMISSION METERING RATES

Bill Rate Code	**Rate Name**	**Standard/ Optional**	**Description of Rate**	**Units**	**~~May~~ Jan 1, 201~~5~~8 Value**	**~~Feb~~ Jan 1, 201~~6~~9 Value**	**Jan 1, 20~~17~~20 Value**	**Jan 1, 20~~18~~21 Value**
FTS	Flat Transmission Metering Rate	Standard	This is the flat rate for energy (kWh) supplied to a specified customer's Point of Delivery.	$/kWh	~~$0.0456~~ $0.0548	~~$0.0508~~ $0.0537	~~$0.0529~~ $0.0526	~~$0.0548~~ $0.0516
FTD	Flat Transmission Metering Demand Rate	Standard	This demand rate measures the highest monthly energy demand (kW) achieved by a customer.	$/kWd	~~$15.9303~~ $18.00	~~$16.5000~~ $17.64	~~$17.2500~~ $17.29	~~$18.0000~~ $16.94
FTN	Flat Transmission Net Metering Rate	Net Option	This rate relates to the energy credit you would receive when you have renewable energy sources at your business such as solar panels, wind generators etc.	$/-kWh	~~-$0.0456~~ -$0.0548	~~-$0.0508~~ -$0.0537	~~-$0.0529~~ -$0.0526	~~-$0.0548~~ -$0.0516
FTC	Flat Transmission Metering Forward Energy Rate	Sub Option	This rate is an option available for customers who charge Electric Vehicle/Plugin Hybrid Electric Vehicle (EV/PHEV) or other approved energy storage devices.	$/kWh	~~$0.0456~~ $0.0548	~~$0.0508~~ $0.0537	~~$0.0529~~ $0.0526	~~$0.0548~~ $0.0516
FTG	Flat Transmission Co-Generation Metering Rate	Co-gen Option	This is the rate of energy (kWh) delivered to the electric grid by customer cogeneration equipment. Cogeneration is	$/-kWh	Average cost with IMEA for 12-month contract, will be reviewed and modified every May 01.			

			defined as an energy source which utilizes a non-renewable fuel, such as natural gas, to produce electric energy.		
TT8	Standby Transmission Metering Energy Rate	Standby-Co-gen Option	This is a cogeneration customer rate for all energy used, charged per kilowatt hour consumed (kWh)	$/kWh	Average cost from IMEA for previous calendar year plus losses of 0.5%, and will be reviewed and modified every January 01.
TT9	Standby Transmission Metering Demand Rate	Standby-Co-gen Option	This is a cogeneration customer rate for all kW demand coincident with Utility's peak demand	$/kWd	Average cost from IMEA for previous calendar year plus losses of 0.5%, and will be reviewed and modified every January 01.

10.4. through 12. * * *

13. Outdoor Metered Lighting Rate (OLR):

13.1. Outdoor Metered Lighting Description: This rate is available to any customer using any outdoor metered lighting system, including, without limitation, street lighting on state and county roadways, subdivision entrances and decorative lighting and educational institutions or organized park districts operating outdoor athletic field lighting after sunset with a minimum kilowatt (kW) demand greater than fifty (50) kW during any billing period over the course of the previous twelve (12) billing periods.

13.2. Charges:

13.2.1. Energy Charges: The following rate schedule outlines the flat rates for outdoor metered lighting. These rates are subject to any applicable Municipal and State taxes for each billing period.

13.2.2. Minimum Charge: The minimum bill during any billing period shall be the customer charge set forth in Section 8-1C-4:1.9 hereof.

DPU-E RATE SCHEDULE 8: OUTDOOR METERED LIGHTING RATE

Bill Rate Code	**Rate Name**	**Standard/ Optional**	**Description of Rate**	**Units**	**~~May~~ Jan 1, 201~~5~~8 Value**	**~~Feb~~ Jan 1, 201~~6~~9 Value**	**Jan 1, 201~~7~~20 Value**	**Jan 1, 201~~8~~21 Value**
OLR	Outdoor Metered Lighting Rate	Standard	This is the standard rate for all energy used by occasional outdoor lighting (such as parks, parking lots, etc.), charged per kilowatt	$/kWh	~~$0.1088~~ $0.1156	~~$0.1172~~ $0.1133	~~$0.1164~~ $0.1110	~~$0.1156~~ $0.1088

			hour (kWh) consumed.					

13.3. Charge For Additional Facilities:

13.3.1. If the installation or placement of outdoor metered lighting units requested by the customer requires DPU-E to extend its distribution facilities beyond the existing electrical distribution system, DPU-E shall furnish, install, own, and maintain the additional facilities that will be necessary to provide such lighting.

13.3.2. In such cases, DPU-E will bill the customer a charge equal to DPU-E's actual costs for any such modification to the existing electrical distribution system. Such a charge shall be in addition to the applicable customer charge as stated in this Subsection 8-1C-4.

13.3.3. This additional charge shall be billed to the customer in twenty-four (24) equal installments during the term of the contract.

SECTION 2: This Ordinance shall be in full force and effect upon its passage and approval.

PASSED this _____ day of _____, 2018.

AYES:

NAYS:

ABSENT:

APPROVED this _____ day of _____, 2018.

_____
Steve Chirico
Mayor

ATTEST:

_____
Pam Gallahue, Ph.D.
City Clerk