

ORDINANCE NO. 16 – 170

AN ORDINANCE AMENDING TITLE 8 (PUBLIC UTILITIES), CHAPTER 1 (ELECTRICITY), ARTICLE B (SERVICE RULES AND POLICIES) SECTION 3 (BIDDING OR SELLING OF SYSTEM DEMAND RESPONSE), ARTICLE C (ELECTRIC SERVICE RATES) SECTION 4 (SCHEDULE OF RATES) AND TITLE 6 (ZONING REGULATIONS), CHAPTER 15 (SMALL WIND AND SOLAR RENEWABLE ENERGY SYSTEMS), SECTION 3 (GENERAL REQUIREMENTS) OF THE NAPERVILLE MUNICIPAL CODE TO ALLOW NORTH CENTRAL COLLEGE TO HAVE A CURTAILMENT SERVICE PROVIDER WITH RESPECT TO DEMAND RESPONSE PROGRAMS

WHEREAS, the City of Naperville established a Renewable Energy Grant Program to assist residential, commercial, educational, non-profit, and institutional utility customers in Naperville who are interested in renewable energy and green technologies; and

WHEREAS, in the 2016 Renewable Energy Grant Program year, the City's 2016 Renewable Energy Grant Program, the City received a grant application from North Central College; and

WHEREAS, the grant application sought an award for North Central College in the amount of \$50,000 for North Central Colleges' purchase and installation of a roof-mounted 538.56 kW 1,632 panel photovoltaic solar array and energy storage system to be located at its residential/recreational building located at 440 S. Brainard Street, Naperville; and

WHEREAS, on June 7, 2016, the Naperville City Council approved the grant award for North Central College; and

WHEREAS, the energy produced by the roof mounted solar panels and energy storage unit at North Central College require a specific rate needed for customers over 50kW;

THEREFORE, 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 B (Service Rules and Policies), Section 3 (Bidding or Selling of System Demand Response), of the Naperville Municipal Code is hereby amended by adding the underlined language as follows:

8-1B-1 through 8-1B-2

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8-1B-3: **BIDDING OR SELLING OF SYSTEM DEMAND RESPONSE:**

(a) * * *

(b) * * *

(b-1) Additional Curtailment Service Provider(s) Authorized for Specific Customer, Locations, or Projects: The following additional entities are hereby approved, authorized and permitted to operate as a Curtailment Service Provider with respect to the demand response resources for a specific customer, locations or projects within or connected to the City's electric distribution system and are authorized to offer and sell demand response products from such resources into programs and markets of PJM Interconnection, L.L.C. or its duly authorized successor:

<u>Customer/Location</u>	<u>Project</u>	<u>CSP</u>
<u>North Central College</u>	<u>Frequency Response</u>	<u>Intelligent Generation, LLC</u>
<u>440 S. Brainard Street</u>	<u>Energy Storage System</u>	

(c) * * *

(d) Exception To General Prohibition: Notwithstanding the general prohibition stated in Subsection (a) above, to the extent that any customer is deemed eligible to participate in the IMEA Demand Response Program pursuant to applicable policies, rules and regulations of PJM, the Federal Regulatory Energy Commission ("FERC"), the IMEA and the City, or to the extent an entity is listed in Subsection b-1 above as an Additional Curtailment Service Provider for a Specific Customer, Location or Project, such participation is hereby specifically authorized. The City Council of the City of Naperville hereby authorizes and empowers the City Manager, or his designee, to administer the participation of any demand response resources from within the City's electric utility system in the IMEA Demand Response Program and to develop necessary forms for participation in the program by end user customers and execute any and all documents reasonably necessary or required in connection with such administration.

(e) * * *

SECTION 2: 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:**

8-1C-4.1. Development of Rates:

8.3.8.3.3. Demand And/Or Energy Changes: 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 1, 2015 Value	Feb 1, 2016 Value	Jan 1, 2017 Value	Jan 1, 2018 Value
*	*	*	*	*	*	*	*	*
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	\$0.0510	\$0.0504	\$0.0498
FGM	<u>Flat General Service Net Metering Rate 2 (GS2)</u>	<u>Net Option</u>	<u>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</u>	<u>\$/kWh</u>	<u>N/A</u>	<u>-\$0.0510</u>	<u>-\$0.0504</u>	<u>-\$0.0498</u>
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	\$/kWd	\$20.3901	\$22.0000	\$22.5000	\$23.0000

			customer any time during the month.					
*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*

8.4. General Service Time-Of-Use (TOU) Rate Charges: Reserved. * *

SECTION 3: Title 6 (Zoning Regulations), Chapter 15 (Small Wind and Solar Renewable Energy Systems), Section 3 (General Requirements), and Subsection 5 (Interconnection with Department of Public Utilities – Electric) of the Naperville Municipal Code is hereby amended by adding the underlined language as follows:

6-15-3: GENERAL REQUIREMENTS: The requirements set forth in this Section shall govern the construction and/or installation of all renewable energy systems governed by this Chapter.

1. through 4. * * *

5. Interconnection with Department of Public Utilities – Electric:

5.1. * * *

5.1(a): The purchase of energy for a specific customer with a projected demand of fifty (50) kW or less said customer shall be placed on net metering rate equal to the Department of Public Utility - Electric's Rate Schedule 2, bill rate code FGN of Title 8 of the Naperville Municipal Code.

5.1(b): The purchase of energy for a specific customer with a projected demand more than fifty (50) kW said customer shall receive energy credit per kWh equal to the Department of Public Utility - Electric's Rate Schedule 2, bill rate code FGM of Title 8 of the Naperville Municipal Code.

5.1(c): The purchase of energy from the Department of Public Utility- Electric: a specific customer with a projected demand of more than fifty (50) kW shall pay energy per kWh and demand per kW as defined in Department of Public Utility - Electric's Rate Schedule 2, bill rate code FGT, and FGD of Title 8 of the Naperville Municipal Code.

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SECTION 4: This Ordinance shall be in full force and effect upon its passage and approval.

PASSED this 18th day of October, 2016.

AYES: COYNE, GALLAHER, GUSTIN, HINTERLONG, KRUMMEN,
OBARSKI, CHIRICO, ANDERSON

RECUSED: BRODHEAD

NAYS: NONE

ABSENT: NONE

APPROVED this 19th day of October, 2016.

Steve Chirico
Mayor

ATTEST:

Pam Gallahue, Ph.D.
City Clerk