

ORDINANCE NO. 2017-\_\_\_\_\_

AN ORDINANCE OF THE CITY OF DENTON, TEXAS AMENDING THE SCHEDULE OF RATES FOR ELECTRIC SERVICE CONTAINED IN ORDINANCE NO. 2016-272; AMENDING THE PROVISIONS OF THE RESIDENTIAL SERVICE RATE (SCHEDULE RES); AMENDING THE PROVISIONS OF THE RESIDENTIAL RENEWABLE ENERGY SERVICE RIDER (SCHEDULE RG); AMENDING THE PROVISIONS OF THE RESIDENTIAL PREPAID SERVICE RATE (SCHEDULE RPP); AMENDING THE PROVISIONS OF THE RESIDENTIAL TIME OF USE RATE (SCHEDULE RTOU); AMENDING THE PROVISIONS OF THE GENERAL SERVICE SMALL RATE (SCHEDULE GSS); AMENDING THE PROVISIONS OF THE GENERAL SERVICE MEDIUM RATE (SCHEDULE GSM); AMENDING THE PROVISIONS OF THE GENERAL SERVICE LARGE RATE (SCHEDULE GSL); AMENDING THE PROVISIONS OF THE GENERAL SERVICE TIME OF USE RATE (SCHEDULE TGS); AMENDING THE PROVISIONS OF THE LOCAL GOVERNMENT SMALL RATE (SCHEDULE G2); AMENDING THE PROVISIONS OF THE LOCAL GOVERNMENT RATE (SCHEDULE G1); AMENDING THE PROVISIONS OF THE WEEKEND SERVICE RATE (SCHEDULE WK); AMENDING THE PROVISIONS OF THE ATHLETIC FIELD RATE (SCHEDULE AF); AMENDING THE PROVISIONS OF THE STREET LIGHTING RATE (SCHEDULE LS); AMENDING THE PROVISIONS OF THE TRAFFIC LIGHTING RATE (SCHEDULE LT); AMENDING THE PROVISIONS OF THE UNMETERED SCHOOL ZONE/CROSSING FLASHERS RATE (SCHEDULE UFL); AMENDING THE PROVISIONS OF THE UNMETERED TRAFFIC LIGHTING RATE (SCHEDULE ULT); AMENDING THE PROVISIONS OF THE UNMETERED SECURITY CAMERA RATE (SCHEDULE USC); AMENDING THE PROVISIONS OF THE UNMETERED WI-FI DEVICES RATE (SCHEDULE UWF); AMENDING THE PROVISIONS OF THE OTHER LIGHTING RATE (SCHEDULE LO); AMENDING THE PROVISIONS OF THE NON STANDARD STREET LIGHTING RATE (SCHEDULE DSL); AMENDING THE PROVISIONS OF THE TEMPORARY SERVICE RATE (SCHEDULE T1); AMENDING THE PROVISIONS OF THE ECONOMIC GROWTH RIDER (SCHEDULE EGR); AMENDING THE PROVISIONS OF THE GREENSENSE INCENTIVE PROGRAM (SCHEDULE GIP); AMENDING THE PROVISIONS OF THE ENERGY COST ADJUSTMENT RATE (SCHEDULE ECA); AMENDING THE PROVISIONS OF THE RENEWABLE COST ADJUSTMENT RATE (SCHEDULE RCA); AMENDING THE PROVISIONS OF THE TRANSMISSION COST RECOVERY FACTOR RATE (SCHEDULE TCRF); AMENDING THE PROVISIONS OF THE DISTRIBUTED GENERATION FROM RENEWABLE SOURCES RIDER (SCHEDULE DGR); AMENDING THE PROVISIONS OF THE INDEPENDENT WHOLESALE GENERATOR RATE (SCHEDULE IWG); AMENDING THE PROVISIONS OF THE COMMERCIAL RENEWABLE ENERGY SERVICE RIDER (SCHEDULE CGR); AMENDING THE PROVISIONS OF THE SPECIAL FACILITIES RIDER (SCHEDULE SFR); AMENDING THE PROVISIONS OF THE DARK FIBER RATE (SCHEDULE DFR); AMENDING THE PROVISIONS OF THE POLE ATTACHMENT FEE (SCHEDULE PAF); ADDING THE PROVISIONS OF THE BANNER INSTALL FEE (SCHEDULE BIF); ADDING THE PROVISIONS OF THE WIRELESS NODE ATTACHMENTS RATE (SCHEDULE WNA); ADDING THE PROVISIONS OF THE WIRELESS NODE UNMETERED RATE (SCHEDULE WNU); PROVIDING FOR A REPEALER; PROVIDING FOR A SEVERABILITY CLAUSE; AND PROVIDING FOR AN EFFECTIVE DATE.

THE COUNCIL OF THE CITY OF DENTON HEREBY ORDAINS:

SECTION 1. The Schedule of Rates for electrical services as provided for in Chapter 26 of the City of Denton Code of Ordinances, is amended to read as follows:

**ELECTRIC RATE SCHEDULES**

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## **SCHEDULE RES**

### **RESIDENTIAL SERVICE**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to any Customer for all electric service used for residential purposes in an individual private dwelling or an individually metered apartment, supplied at one point of delivery and measured through one meter. This Rate is not applicable to resale service in any event, or to temporary, standby, or supplementary service.

#### **NET MONTHLY RATE**

(1) Facility Charge

Single-Phase	\$ 8.67/bill
Three-Phase	\$17.33/bill

plus;

(2) Usage Charge

Winter (Billing months of November through April):

Tier 1: First 600 kWh	6.84¢/kWh
Tier 2: Additional kWh	4.55¢/kWh

Summer (Billing months of May through October):

Tier 1: All kWh	6.84¢/kWh
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plus;

(3) Energy Cost Adjustment Charge

See Schedule ECA

plus;

(4) Transmission Cost Recovery Factor

See Schedule TCRF

#### **MINIMUM BILLING**

For each billing period, the Customer shall be obligated to pay the following charges as a minimum, whether or not any energy was actually used:

Single-Phase	Facility Charge
Three-Phase	Facility Charge

## USAGE CHARGE

Billing for the Usage Charge shall be based on actual kWh consumption during the billing period.

Winter (Billing months of November through April):

$$\text{Usage Charge} = \begin{array}{l} \text{kWh in Tier 1} \times \text{Tier 1 Rate per kWh} \\ \text{kWh in Tier 2} \times \text{Tier 2 Rate per kWh, if applicable} \end{array}$$

Summer (Billing months of May through October):

$$\text{Usage Charge} = \text{All kWh} \times \text{Tier 1 Rate per kWh}$$

## TYPE OF SERVICE

The City will supply single-phase service (or three-phase service if available at the point of delivery) at sixty (60) cycles and at any standard voltages available from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

## PAYMENT

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE RG**

### **RESIDENTIAL RENEWABLE ENERGY SERVICE RIDER**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to any Customer for all electric service used for residential purposes in an individual private dwelling or an individually metered apartment, supplied at one point of delivery and measured through one meter. This Rider is not applicable to resale service in any event, or to temporary, standby, or supplementary service.

In light of additional costs associated with the Residential Renewable Energy Service Rider and to mitigate potential risk to ratepayers, any participant in the Residential Renewable Energy Service Rider must be, at the time this Rider is applied for and continuing while such Rider is in effect, a Customer in good standing of all Denton Municipal Utilities, including solid waste services. Unless legal review procedures have been invoked in good faith regarding the obligation, a Customer in good standing for the purpose of this Rider is defined as a Customer not owing any unpaid utility or solid waste debt obligation that is over forty-five (45) days past due to the City during the previous twelve (12) months.

#### **NET MONTHLY RATE**

(1) Facility Charge

Single-Phase	\$ 8.67/bill
Three-Phase	\$17.33/bill

plus;

(2) Usage Charge

Winter (Billing months of November through April):

Tier 1: First 600 kWh	6.84¢/kWh
Tier 2: All Additional kWh	4.55¢/kWh

Summer (Billing months of May through October):

Tier 1: All kWh	6.84¢/kWh
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plus;

(3) Renewable Cost Adjustment Charge

See Schedule RCA

plus;

(4) Transmission Cost Recovery Factor

See Schedule TCRF

## TERM

Customers wishing to receive Renewable Energy Service must sign a Residential Renewable Energy Agreement and commit to accept this service for a minimum term of six (6) months. At the end of each six (6) month period, a Customer's Renewable Energy Service will be extended for another six (6) month period unless that Customer provides a written request to terminate that service to the City of Denton Customer Service Department fifteen (15) days prior to the end of the then-current six (6) month participation period.

## MINIMUM BILLING

For each billing period, the Customer shall be obligated to pay the following charges as a minimum, whether or not any energy was actually used:

Single-Phase  
Three-Phase

Facility Charge  
Facility Charge

## USAGE CHARGE

Billing for the Usage Charge shall be based on actual kWh consumption during the billing period.

Winter (Billing months of November through April):

Usage Charge =            kWh in Tier 1 × Tier 1 Rate per kWh  
                                     kWh in Tier 2 × Tier 2 Rate per kWh, if applicable

Summer (Billing months of May through October):

Usage Charge =            All kWh × Tier 1 Rate per kWh

## TYPE OF SERVICE

The City will supply single-phase service (or three-phase service if available at the point of delivery) at sixty (60) cycles and at any standard voltages available from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

## PAYMENT

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE RPP**

### **RESIDENTIAL PREPAID SERVICE**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to any Customer for prepaid electric service used for residential purposes in an individual private dwelling or an individually metered apartment, supplied at one point of delivery and measured through one meter. This Rate is not applicable to resale service in any event, or to temporary, standby, or supplementary service.

Residential Prepaid Service may initially not be available in all areas.

#### **NET MONTHLY RATE**

(1) Facility Charge

Single-Phase	\$16.02/bill
Three-Phase	\$23.64/bill

plus;

(2) Usage Charge

Winter (Billing months of November through April):

Tier 1: First 600 kWh	6.84¢/kWh
Tier 2: Additional kWh	4.55¢/kWh

Summer (Billing months of May through October):

Tier 1: All kWh	6.84¢/kWh
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plus;

(3) Energy Cost Adjustment Charge

See Schedule ECA

plus;

(4) Transmission Cost Recovery Factor

See Schedule TCRF

#### **MINIMUM BILLING**

For each billing period, the Customer shall be obligated to pay the following charges as a minimum, whether or not any energy was actually used:

Single-Phase	Facility Charge
Three-Phase	Facility Charge

## USAGE CHARGE

Billing for the Usage Charge shall be based on actual kWh consumption during the billing period.

Winter (Billing months of November through April):

$$\begin{aligned}\text{Usage Charge} = & \quad \text{kWh in Tier 1} \times \text{Tier 1 Rate per kWh} \\ & \quad \text{kWh in Tier 2} \times \text{Tier 2 Rate per kWh, if applicable}\end{aligned}$$

Summer (Billing months of May through October):

$$\text{Usage Charge} = \quad \text{All kWh} \times \text{Tier 1 Rate per kWh}$$

## TYPE OF SERVICE

The City will supply single-phase service (or three-phase service if available at the point of delivery) at sixty (60) cycles and at any standard voltages available from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

## PAYMENT

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.



## **SCHEDULE RTOU**

### **RESIDENTIAL TIME OF USE**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to any Customer for all electric service used for residential purposes in an individual private dwelling or an individually metered apartment, supplied at one point of delivery and measured through one meter. Customers electing this Rate must remain on this Rate for a minimum of twelve (12) continuous billing months. This Rate is not applicable to resale service in any event, or to temporary, standby, or supplementary service.

In light of additional costs associated with the Residential Time Of Use Rate and to mitigate potential risk to ratepayers, any participant in the Residential Time Of Use Rate must be, at the time this Rate is applied for and continuing while such Rate is in effect, a Customer in good standing of all Denton Municipal Utilities, including solid waste services. Unless legal review procedures have been invoked in good faith regarding the obligation, a Customer in good standing for the purpose of this Rate is defined as a Customer not owing any unpaid utility or solid waste debt obligation that is over forty-five (45) days past due to the City during the previous twelve (12) months.

Residential Time Of Use may initially not be available in all areas.

#### **NET MONTHLY RATE**

(1) Facility Charge

Single-Phase	\$ 8.67/bill
Three-Phase	\$17.33/bill

plus;

(2) Usage Charge

Winter (Billing months of November through April):

Tier 1: First 600 kWh	6.84¢/kWh
Tier 2: Additional kWh	4.55¢/kWh

Summer (Billing months of May through October):

Tier 1: All kWh	6.84¢/kWh
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plus;

(3) Energy Cost Adjustment Charge

Super-Peak Hours	See Schedule ECA
On-Peak Hours	See Schedule ECA
Off-Peak Hours	See Schedule ECA

plus;

(4)	Transmission Cost Recovery
Factor	See Schedule
TCRF	

MINIMUM BILLING

For each billing period, the Customer shall be obligated to pay the following charges as a minimum, whether or not any energy was actually used:

Single-Phase	Facility Charge
Three-Phase	Facility Charge

DEFINITION OF SUPER-PEAK HOURS

The City's super-peak hours, for the purpose of this rate schedule, are designated as being from 3:00 P.M. to 8:00 P.M. each day, for the months of June through September. The City's super-peak hours may be changed from time to time.

DEFINITION OF ON-PEAK HOURS

The City's on-peak hours, for the purpose of this rate schedule, are designated as being from 7:00 A.M. to 3:00 P.M. and 8:00 P.M. to 10:00 P.M. each day, for the months of June through September. The City's on-peak hours for the months of October through May include all hours. The City's on-peak hours may be changed from time to time.

DEFINITION OF OFF-PEAK HOURS

The City's system off-peak hours, for the purpose of this rate schedule, shall be all hours not designated as on-peak hours or super-peak hours for the months of June through September.

Off-Peak	On-Peak	Super-Peak	On-Peak
<b>22:01 – 07:00</b>	<b>07:01 – 15:00</b>	<b>15:01 – 20:00</b>	<b>20:01 – 22:00</b>
<b>10:01 PM – 7:00 AM</b>	<b>7:01 AM – 3:00 PM</b>	<b>3:01 PM – 8:00 PM</b>	<b>8:01 PM – 10:00 PM</b>

## USAGE CHARGE

Billing for the Usage Charge shall be based on actual kWh consumption during the billing period.

Winter (Billing months of November through April):

$$\text{Usage Charge} = \begin{array}{l} \text{kWh in Tier 1} \times \text{Tier 1 Rate per kWh} \\ \text{kWh in Tier 2} \times \text{Tier 2 Rate per kWh, if applicable} \end{array}$$

Summer (Billing months of May through October):

$$\text{Usage Charge} = \text{All kWh} \times \text{Tier 1 Rate per kWh}$$

## TYPE OF SERVICE

The City will supply single-phase service (or three-phase service if available at the point of delivery) at sixty (60) cycles and at any standard voltages available from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

## PAYMENT

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE GSS**

### **GENERAL SERVICE SMALL**

(Effective 10/01/17)

#### **APPLICATION**

The General Service Small (GSS) Rate is applicable to any commercial or industrial customer having a maximum demand of less than 21.0 kW in each of the previous twelve (12) months for all electric service supplied at one point of delivery and measured through one meter. If the demand in any month is equal to or exceeds 21.0 kW, billing will be made under the Rate Schedule GSM and the Customer must remain on the GSM Rate for a minimum of twelve (12) billing periods. This Rate is not applicable to resale service in any event, or to temporary, standby, or supplementary service.

#### **NET MONTHLY RATE**

(1) Facility Charge		
	Single-Phase	\$16.60/bill
	Three-Phase	\$22.17/bill
plus;		
(2) Usage Charge		
	Tier 1: First 2,500 kWh	8.52¢/kWh
	Tier 2: Additional kWh	4.46¢/kWh
plus;		
(3)	Energy Cost Adjustment Charge	See Schedule ECA
plus;		
(4)	Transmission Cost Recovery Factor	See Schedule TCRF

#### **MINIMUM BILLING**

For each billing period, the Customer shall be obligated to pay the following charges as a minimum, whether or not any energy was actually used:

Single-Phase	Facility Charge
Three-Phase	Facility Charge

## USAGE CHARGE

Billing for the Usage Charge shall be based on actual kWh consumption during the billing period.

$$\text{Usage Charge} = \begin{array}{l} \text{kWh in Tier 1} \times \text{Tier 1 Rate per kWh} \\ \text{kWh in Tier 2} \times \text{Tier 2 Rate per kWh, if applicable} \end{array}$$

## TYPE OF SERVICE

The City will supply single-phase service (or three-phase service if available at the point of delivery) at sixty (60) cycles and at any standard voltages available from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

## PAYMENT

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE GSM**

### **GENERAL SERVICE MEDIUM**

(Effective 10/01/17)

#### **APPLICATION**

The General Service Medium (GSM) Rate is applicable to any commercial or industrial customer having a maximum demand that meets or exceeds 21.0 kW in any one of the previous twelve (12) months but less than 250 kVA in each of the previous twelve (12) months for all electric service supplied at one point of delivery and measured through one meter. This Rate is not applicable to resale service in any event, or to temporary, standby, or supplementary service.

#### **NET MONTHLY RATE**

plus;	(1)	Facility Charge	
		Single-Phase	\$16.60/bill
		Three-Phase	\$22.17/bill
plus;	(2)	Demand Charge	\$4.78/kW (all kW)
	(3)	Usage Charge	
plus;		Tier 1: First 6,000 kWh	5.23¢/kWh
		Tier 2: Additional kWh	4.32¢/kWh
plus;	(4)	Energy Cost Adjustment Charge	See Schedule ECA
	(5)	Transmission Cost Recovery Factor	See Schedule TCRF

#### **MINIMUM BILLING**

For each billing period, the Customer shall be obligated to pay the following charges as a minimum, whether or not any energy was actually used:

- plus;
- (1) The Facility Charge
  - (2) The Demand Charge

## DETERMINATION OF DEMAND

The demand used in calculating the Demand Charge for the billing period shall be the greater of: (1) the actual monthly kW demand as measured during the fifteen (15) minute period of maximum use each month; or (2) seventy percent (70%) of the maximum monthly actual demand for any month during the previous billing months of May through October in the twelve (12) months ending with the current month.

## USAGE CHARGE

Billing for the Usage Charge shall be based on actual kWh consumption during the billing period.

$$\begin{aligned} \text{Usage Charge} = & \quad \text{kWh in Tier 1} \times \text{Tier 1 Rate per kWh} \\ & \quad \text{kWh in Tier 2} \times \text{Tier 2 Rate per kWh, if applicable} \end{aligned}$$

## PRIMARY SERVICE DISCOUNT

Customers who receive service at secondary voltage (GM1) shall receive no Usage Charge discount. Customers utilizing City owned and operated facilities and transformation equipment and who are metered at primary voltage (GM2) shall receive a Usage Charge discount of 0.1¢/kWh. Customers who own, operate, and maintain all facilities necessary to receive three-phase primary voltage service and all transformation facilities required for conversion to utilization voltage (GM3) shall receive a Usage Charge discount of 0.3¢/kWh. The City shall own, operate and maintain all metering facilities, either at primary or secondary voltage.

## TYPE OF SERVICE

The City will supply single-phase service (or three-phase service if available at the point of delivery) at sixty (60) cycles and at any standard voltages available from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

## PAYMENT

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE GSL**

### **GENERAL SERVICE LARGE**

(Effective 10/01/17)

#### **APPLICATION**

The General Service Large (GSL) Rate is applicable to any commercial or industrial customer having a minimum actual demand of 250 kVA for all electric service supplied at one point of delivery and measured through one meter. Customers other than commercial and industrial may be allowed service under this Rate, subject to the minimum billing provision. Customers who elect to discontinue service under this Rate are ineligible for service under this Rate for twelve (12) months. This Rate is not applicable to resale service in any event, or to temporary, standby, or supplementary service.

#### **NET MONTHLY RATE**

plus;	(1)	Facility Charge	\$69.06/bill
	(2)	Demand Charge	\$10.80/kVA (Minimum of 250 kVA billed)
plus;	(3)	Usage Charge	
		Tier 1: First 200,000 kWh	2.45¢/kWh
		Tier 2: Additional kWh	1.40¢/kWh
plus;	(4)	Energy Cost Adjustment Charge	See Schedule ECA
	(5)	Transmission Cost Recovery Factor	See Schedule TCRF

#### **MINIMUM BILLING**

For each billing period, the Customer shall be obligated to pay the following charges as a minimum, whether or not any energy was actually used:

- |       |     |                     |
|-------|-----|---------------------|
| plus; | (1) | The Facility Charge |
|       | (2) | The Demand Charge   |



### DETERMINATION OF DEMAND

The demand used in calculating the Demand Charge for the billing period shall be the greater of: (1) the actual monthly kVA demand as measured during the fifteen (15) minute period of maximum use each month; or (2) 250 kVA; or (3) seventy percent (70%) of the maximum monthly kVA actual demand for any month during the previous billing months of May through October in the twelve (12) month period ending with the current month.

### USAGE CHARGE

Billing for the Usage Charge shall be based on actual kWh consumption during the billing period.

$$\text{Usage Charge} = \begin{array}{l} \text{kWh in Tier 1} \times \text{Tier 1 Rate per kWh} \\ \text{kWh in Tier 2} \times \text{Tier 2 Rate per kWh, if applicable} \end{array}$$

### PRIMARY SERVICE DISCOUNT

Customers who receive service at secondary voltage (GL1) shall receive no Usage Charge Discount. Customers utilizing City owned and operated facilities and transformation equipment and who are metered at primary voltage (GL2) shall receive a Usage Charge Discount of 0.1¢/kWh. Customers who own, operate, and maintain all facilities necessary to receive three-phase primary voltage service and all transformation facilities required for conversion to utilization voltage (GL3) shall receive a Usage Charge Discount of 0.3¢/kWh. The City shall own, operate and maintain all metering facilities, either at primary or secondary voltage.

### TYPE OF SERVICE

The City will supply single-phase service (or three-phase service if available at the point of delivery) at sixty (60) cycles and at any standard voltages available from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

### PAYMENT

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE TGS**

### **GENERAL SERVICE TIME OF USE**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to any Customer having a minimum demand of 250 kVA for all electric service supplied at one point of delivery and measured through one meter, with the City providing all facilities necessary to receive primary voltage service. Customers electing this Rate must remain on this Rate for a minimum of twelve (12) continuous billing months. This Rate is not applicable to resale service in any event, or to temporary, standby, or supplementary service.

In light of additional costs associated with the General Service Time Of Use Rate and to mitigate potential risk to ratepayers, any participant in the General Service Time Of Use Rate must be, at the time this Rate is applied for and continuing while such Rate is in effect, a Customer in good standing of all Denton Municipal Utilities, including solid waste services. Unless legal review procedures have been invoked in good faith regarding the obligation, a Customer in good standing for the purpose of this Rate is defined as a Customer not owing any unpaid utility or solid waste debt obligation that is over forty-five (45) days past due to the City during the previous twelve (12) months.

#### **NET MONTHLY RATE**

plus;	(1)	Facility Charge	\$80.54/bill
plus;	(2)	On-Peak Demand Charge	\$13.76/kVA
plus;	(3)	Off-Peak Demand Charge	\$2.72/kVA
plus;	(4)	Usage Charge	0.82¢/kWh
plus;	(5)	Energy Cost Adjustment Charge	See Schedule ECA
	(6)	Transmission Cost Recovery Factor	See Schedule TCRF

### MINIMUM BILLING

For each billing period, the Customer shall be obligated to pay the following charges as a minimum, whether or not any energy was actually used:

- (1) The Facility Charge  
plus;
- (2) The On-Peak Demand Charge  
plus;
- (3) The Off-Peak Demand Charge

### DEFINITION OF ON-PEAK HOURS

The City's on-peak hours, for the purpose of this rate schedule, are designated as being from 2:00 P.M. to 7:00 P.M. each Monday through Friday, for the months of June through September excluding Independence Day and Labor Day. The City's on-peak hours may be changed from time to time.

### DEFINITION OF OFF-PEAK HOURS

The City's off-peak hours, for the purpose of this rate schedule, shall be all hours not designated as on-peak hours.

### DETERMINATION OF ON-PEAK DEMAND

The demand used in calculating the On-Peak Demand Charge for the billing period shall be the greater of: (1) the kVA actual demand supplied during the fifteen (15) minute period of maximum use each month during on-peak hours as recorded by the City's demand meter, or (2) one hundred percent (100%) of the actual maximum on-peak demand similarly determined during the billing months of June through September in the twelve (12) months immediately preceding the current month. The On Peak Demand Charge will be applied to each billing period.

### DETERMINATION OF OFF-PEAK DEMAND

The demand used in calculating the Off-Peak Demand Charge for the billing period shall be the actual kVA demand supplied during the fifteen (15) minute period of maximum use during off-peak hours each month as recorded by the City's demand meter. The Off-Peak Demand Charge will be applied to each billing period.

### DETERMINATION OF DEMAND BILLING FOR CUSTOMERS WITH NO PEAK DEMAND HISTORY DURING OFF-PEAK MONTHS

If the Customer is new or does not have a history of on-peak use for June through September, and elects to accept service on the TGS Rate, the Customer's billed demand shall be the off-peak demand billed at the GSL Demand Rate. The off-peak demand will be billed every month at the GSL Rate

until the Customer establishes a separate on-peak and off-peak demand during an on-peak month. At this time, both on-peak and off-peak demand will then begin billing at the TGS Rate.

#### PRIMARY SERVICE DISCOUNT

Customers who receive service at secondary voltage (TG1) shall receive no Usage Charge Discount. Customers utilizing City owned and operated facilities and transformation equipment and who are metered at primary voltage (TG2) shall receive a Usage Charge Discount of 0.1¢/kWh. Customers, who own, operate and maintain all facilities necessary to receive three-phase primary voltage service and all transformation facilities required for conversion to utilization voltage (TG3) shall receive a Usage Charge Discount of 0.3¢/kWh. The City shall own, operate and maintain all metering facilities, either at primary or secondary voltage.

#### USAGE CHARGE

Billing for the Usage Charge shall be based on actual kWh consumption during the billing period.

$$\text{Usage Charge} = \text{All kWh} \times \text{Rate per kWh}$$

#### TYPE OF SERVICE

The City will supply single-phase service (or three-phase service if available at the point of delivery) at sixty (60) cycles and at any standard voltages available from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

#### PAYMENT

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE G2**

### **LOCAL GOVERNMENT SERVICE SMALL**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to any local City, County or School District having a maximum demand of less than 21.0 kW in each of the previous twelve (12) months for all electric service supplied at one point of delivery and measured through one meter. If the demand in any month equals or exceeds 21.0 kW, billing will be made under the Rate Schedule G1 and the Customer must remain on the G1 Rate for a minimum of twelve (12) billing periods. This Rate is not applicable to resale service in any event, or to temporary, standby or supplementary service.

#### **NET MONTHLY RATE**

(1)	Facility Charge	
	Single-Phase	\$16.66/bill
	Three-Phase	\$22.24/bill
plus;		
(2)	Usage Charge	7.79¢/kWh
plus;		
(3)	Energy Cost Adjustment Charge	See Schedule ECA
plus;		
(4)	Transmission Cost Recovery Factor	See Schedule TCRF

#### **MINIMUM BILLING**

For each billing period, the Customer shall be obligated to pay the following charges as a minimum, whether or not any energy was actually used:

- (1) Facility Charge

#### **USAGE CHARGE**

Billing for the Usage Charge shall be based on actual kWh consumption during the billing period.

$$\text{Usage Charge} = \text{All kWh} \times \text{Rate per kWh}$$

### TYPE OF SERVICE

The City will supply single-phase service (or three-phase service if available at the point of delivery) at sixty (60) cycles and at any standard voltages available from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

### PAYMENT

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE G1**

### **LOCAL GOVERNMENT SERVICE**

(Effective 10/01/17)

#### **APPLICATION**

The Local Government Service (G1) Rate is applicable to any local City, County, or School District having a maximum demand that equals or exceeds 21.0 kW in any one of the previous twelve (12) months but less than 250 kVA in each of the previous twelve (12) months for all electric service supplied at one point of delivery and measured through one meter. This Rate is not applicable to resale service in any event, or to temporary, standby, or supplementary service.

#### **NET MONTHLY RATE**

(1)	Facility Charge	
	Single-Phase	\$16.61/bill
	Three-Phase	\$22.19/bill
plus;		
(2)	Demand Charge	\$8.18/kW
plus;		
(3)	Usage Charge	3.70¢/kWh
plus;		
(4)	Energy Cost Adjustment Charge	See Schedule ECA
plus;		
(5)	Transmission Cost Recovery Factor	See Schedule TCRF

#### **MINIMUM BILLING**

For each billing period, the Customer shall be obligated to pay the following charges as a minimum, whether or not any energy was actually used:

- |       |                 |
|-------|-----------------|
| (1)   | Facility Charge |
| plus; |                 |
| (2)   | Demand Charge   |

### DETERMINATION OF DEMAND

The demand used in calculating the Demand Charge for the billing period shall be the greater of: (1) The actual kW demand supplied during the fifteen (15) minute period of maximum use during the current month as determined by the City's demand meter; or (2) not less than fifty percent (50%) of the highest monthly actual demand determined during the billing months of May through October in the twelve (12) months immediately preceding the current month.

### USAGE CHARGE

Billing for the Usage Charge shall be based on actual kWh consumption during the billing period.

$$\text{Usage Charge} = \text{All kWh} \times \text{Rate per kWh}$$

### TYPE OF SERVICE

The City will supply single-phase service (or three-phase service if available at the point of delivery) at sixty (60) cycles and at any standard voltages available from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

### PAYMENT

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.



## **SCHEDULE WK**

### **WEEKEND SERVICE**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to any commercial and industrial user whose maximum demand load occurs during the period from Thursday at 12 midnight through Sunday at 12 midnight and does not experience a demand load during the period from Sunday 12 midnight through Thursday 12 midnight that exceeds eighty percent (80%) of the maximum demand load. Customers who violate the eighty percent (80%) requirement more than four (4) times during the month, or more than twice on the same day of the week, during the months of June through September, are ineligible for service under this Rate for twelve (12) months. This Rate is not applicable to resale service in any event, or to temporary, standby or supplementary service except in conjunction with applicable rider.

#### **NET MONTHLY RATE**

(1)	Facility Charge	
	Single-Phase	\$21.87/bill
	Three-Phase	\$27.34/bill
plus;		
(2)	Demand Charge	\$7.66/kW (First 20 kW not billed)
plus;		
(3)	Usage Charge	
	Tier 1: First 2,500 kWh	8.50¢/kWh
	Tier 2: Next 3,500 kWh	4.46¢/kWh
	Tier 3: Additional kWh	3.28¢/kWh
plus;		
(4)	Energy Cost Adjustment Charge	See Schedule ECA
plus;		
(5)	Transmission Cost Recovery Factor	See Schedule TCRF

#### **MINIMUM BILLING**

- (1) Facility Charge
- plus;
- (2) Demand Charge

### DETERMINATION OF DEMAND

The demand used in calculating the Demand Charge for the billing period shall be the greater of: (1) the actual kW demand supplied during the fifteen (15) minute period of maximum use during the current billing period as determined by the City's demand meter less 20 kW; or (2) zero (0).

### USAGE CHARGE

Billing for the Usage Charge shall be based on actual kWh consumption during the billing period.

$$\begin{aligned} \text{Usage Charge} = & \text{kWh in Tier 1} \times \text{Tier 1 Rate per kWh} \\ & \text{kWh in Tier 2} \times \text{Tier 2 Rate per kWh, if applicable} \\ & \text{kWh in Tier 3} \times \text{Tier 3 Rate per kWh, if applicable} \end{aligned}$$

### TYPE OF SERVICE

The City will supply single-phase service (or three-phase service if available at the point of delivery) at sixty (60) cycles and at any standard voltages available from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

### PAYMENT

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE AF**

### **ATHLETIC FIELD**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to all electric service metered at one point for use to light specified areas for athletic events. This Rate is not applicable to resale service in any event, or to temporary, standby, or supplementary service except in conjunction with applicable rider.

#### **NET MONTHLY RATE**

plus;	(1)	Facility Charge	
		Single-Phase	\$22.75/bill
		Three-Phase	\$34.11/bill
plus:	(2)	Demand Charge	
		Summer (Billing months of June through September):	
		Peak (2:00 PM - 7:00 PM)	\$6.06/kW
		Off Peak (All Other Hours)	\$1.44/kW
		Winter (Billing months of October through May):	
		All hours	\$1.44/kW
plus;	(3)	Usage Charge	
		Summer (Billing months of June through September):	
		Peak (2:00 PM to 7:00 PM)	9.77¢/kWh
		Off Peak (All Other Hours)	4.89¢/kWh
		Winter (Billing months of October through May):	
		All hours	4.89¢/kWh
plus;	(4)	Energy Cost Adjustment Charge	See Schedule ECA
	(5)	Transmission Cost Recovery Factor	See Schedule TCRF

## MINIMUM BILLING

For each billing period, the Customer shall be obligated to pay the following charges as a minimum, whether or not any energy was actually used:

Single-Phase  
Three-Phase

Facility Charge  
Facility Charge

## DETERMINATION OF DEMAND

The demand used in calculating the Demand Charge for the billing period shall be the actual kW demand supplied during the fifteen (15) minute period of maximum use during the current billing period as determined by the City's demand meter.

## USAGE CHARGE

Billing for the Usage Charge shall be based on actual kWh consumption during the billing period.

Summer (Billing months of June through September):

$$\begin{aligned} \text{Usage Charge} = & \quad \text{kWh during Peak} \times \text{Peak Rate per kWh} \\ & \quad \text{kWh during Off Peak} \times \text{Off Peak Rate per kWh} \end{aligned}$$

Winter (Billing months of October through May):

$$\text{Usage Charge} = \quad \text{All kWh} \times \text{Rate per kWh}$$

## TYPE OF SERVICE

The City will supply single-phase or three-phase service at sixty (60) cycles and at any standard voltages available from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

## PAYMENT

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE LS**

### **STREET LIGHTING**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to all street lighting owned and maintained by the City.

#### **NET MONTHLY RATE**

(1) Facility Charge

<u>Rate</u>	<u>Luminaire Type</u>	<u>Facility Charge</u>
LSA	100 W Sodium	\$6.08/bill
LSB	250 W Sodium	\$8.62/bill
LSC	400 W Sodium	\$10.86/bill
LSD	100 W LED	\$6.08/bill
LSE	250 W LED	\$8.62/bill
LSF	400 W LED	\$10.86/bill

plus;

(2) Energy Cost Adjustment Charge

(Current ECA per Schedule ECA) × (Bulb Wattage Factor where the following Bulb Wattage Factors apply);

<u>Rate</u>	<u>Luminaire Type</u>	<u>Bulb Wattage Factor</u>
LSA	100 W Sodium Vapor	48 kWh
LSB	250 W Sodium Vapor	105 kWh
LSC	400 W Sodium Vapor	159 kWh
LSD	100 W Equivalent LED	25 kWh
LSE	250 W Equivalent LED	96 kWh
LSF	400 W Equivalent LED	148 kWh

#### **TYPE OF SERVICE**

The City will supply single-phase, sixty (60) cycle service at 120, 240, or 480 volts from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

#### **PAYMENT**

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE LT**

### **TRAFFIC LIGHTING**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to State and Local Government agencies that operate and maintain their own traffic signals.

#### **NET MONTHLY RATE**

plus;	(1) Usage Charge	6.64¢/kWh
plus;	(2) Energy Cost Adjustment Charge	See Schedule ECA
	(3) Transmission Cost Recovery Factor	See Schedule TCRF

#### **USAGE CHARGE**

Billing for the Usage Charge shall be based on actual kWh consumption during the billing period.

$$\text{Usage Charge} = \text{All kWh} \times \text{Rate per kWh}$$

#### **TYPE OF SERVICE**

The City will supply single-phase, sixty (60) cycle service at 120 or 240 volts from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

#### **PAYMENT**

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE UFL**

### **UNMETERED SCHOOL ZONE/CROSSING FLASHERS**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to local government agencies that operate and maintain their own unmetered school zone/crossing flashers.

#### **NET ANNUAL RATE**

plus;	(1) Usage Charge	6.64¢/kWh
plus;	(2) Energy Cost Adjustment Charge	See Schedule ECA
	(3) Transmission Cost Recovery Factor	See Schedule TCRF

#### **USAGE CHARGE**

Billing for the Usage Charge shall be based on historical recorded annual kWh consumption. The total billed usage divided by number of school zone/crossing flashers will determine the average kWh usage. This average consumption will be billed for each school zone/crossing flasher once every twelve (12) months at the end of the fiscal year. Any accounts that are added during the year will be billed on prorated consumption.

Usage Charge = All kWh  $\times$  Rate per kWh

Annual Usage = 48 kWh per account

#### **TYPE OF SERVICE**

The City will supply single-phase, sixty (60) cycle service at 120 or 240 volts from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

#### **PAYMENT**

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE ULT**

### **UNMETERED TRAFFIC LIGHTING**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to Local Government agencies that operate and maintain their own unmetered traffic signals.

#### **NET ANNUAL RATE**

plus;	(1) Usage Charge	6.64¢/kWh
plus;	(2) Energy Cost Adjustment Charge	See Schedule ECA
	(3) Transmission Cost Recovery Factor	See Schedule TCRF

#### **USAGE CHARGE**

Billing for the Usage Charge shall be based on historical recorded annual kWh consumption. The total billed usage divided by number of lighted intersections will determine the average kWh usage. This average consumption will be billed for each lighted intersection once every twelve (12) months at the end of the fiscal year. Any accounts that are added during the year will be billed on prorated consumption.

Usage Charge = All kWh × Rate per kWh

Annual Usage = 904 kWh per account

#### **TYPE OF SERVICE**

The City will supply single-phase, sixty (60) cycle service at 120 or 240 volts from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

#### **PAYMENT**

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.



## **SCHEDULE USC**

### **UNMETERED SECURITY CAMERA**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to Local Government agencies that operate and maintain their own unmetered security cameras.

#### **NET ANNUAL RATE**

plus;	(1) Facility Charge	\$17.82
plus;	(2) Usage Charge	6.64¢/kWh
plus;	(3) Energy Cost Adjustment Charge	See Schedule ECA
	(4) Transmission Cost Recovery Factor	See Schedule TCRF

#### **USAGE CHARGE**

Billing for the Usage Charge shall be based on technical information of installed equipment. This calculated consumption will be billed for each camera once every twelve (12) months at the end of the fiscal year. Any accounts that are added during the year will be billed on prorated consumption.

Usage Charge = annual kWh per camera × kWh Rate

Annual Usage = 300 kWh per camera per account

#### **TYPE OF SERVICE**

The City will supply single-phase, sixty (60) cycle service at 120 or 240 volts from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

#### **PAYMENT**

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE UWF**

### **UNMETERED WI-FI DEVICES**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to local government agencies that operate and maintain their own unmetered Wi-Fi devices.

#### **NET ANNUAL RATE**

plus;	(1) Facility Charge	\$17.82
plus;	(2) Usage Charge	6.64¢/kWh
plus;	(3) Energy Cost Adjustment Charge	See Schedule ECA
	(4) Transmission Cost Recovery Factor	See Schedule TCRF

#### **USAGE CHARGE**

Billing for the Usage Charge shall be based on technical information of installed equipment. This calculated consumption will be billed for each device once every twelve (12) months at the end of the fiscal year. Any accounts that are added during the year will be billed on prorated consumption.

Usage Charge = annual kWh per device × kWh Rate

Annual Usage = 300 kWh per device per account

#### **TYPE OF SERVICE**

The City will supply single-phase, sixty (60) cycle service at 120 or 240 volts from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

#### **PAYMENT**

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE LO**

### **OTHER LIGHTING**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to Texas Department of Transportation unmetered and metered safety lighting systems and continuous lighting systems as those terms are defined in Texas Administrative Code, Title 43, Part 1, Chapter 25, Subchapter A, Rule §25.11.

#### **DEFINITION**

The following definitions apply to this Schedule LO:

Hours of Operation per Billing Period = 333 hours

Bulb Wattage is the rated wattage of the luminaire bulb

#### **NET MONTHLY RATE LOA (Unmetered Lighting)**

plus;	(1)	Usage Charge	6.64¢/kWh
	(2)	Energy Cost Adjustment Charge	(Current ECA per Schedule ECA) x (Bulb Wattage/1000) x (Hours of Operation per Billing Period)

#### **USAGE CHARGE LOA (Unmetered Lighting)**

Billing for the Usage Charge shall be based on estimated kWh consumption during the billing period.

Usage Charge = (kWh Rate x Bulb Wattage/1000) x (Hours of Operation per Billing Period)

#### **NET MONTHLY RATE LOB (Metered Lighting)**

plus;	(1)	Usage Charge	6.64¢/kWh
	(2)	Energy Cost Adjustment Charge	See Schedule ECA

### USAGE CHARGE LOB (Metered Lighting)

Billing for the Usage Charge shall be based on actual kWh consumption during the billing period.

$$\text{Usage Charge} = \text{All kWh} \times \text{Rate per kWh}$$

### TYPE OF SERVICE

The City will supply single-phase, sixty (60) cycle service at 120 or 240 volts from the City's distribution system through one standard transformation. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

### PAYMENT

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE DD**

### **SECURITY LIGHTING**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to any Customer within the area served by the City's electric distribution system for outdoor area lighting when such lighting facilities are operated as an extension of the City's distribution system.

#### **NET MONTHLY RATE**

(1) Facility Charge

<u>Rate</u>	<u>Luminaire Type</u>	<u>Facility Charge</u>
DSA	100 W Sodium Vapor	\$ 9.61/bill
DSB	250 W Sodium Vapor	\$12.71/bill
DSC	400 W Sodium Vapor	\$15.32/bill
DHA	250 W Metal Halide	\$14.95/bill
DHB	400 W Metal Halide	\$17.82/bill

plus;

(2) Energy Cost Adjustment Charge

(Current ECA per Schedule ECA) × (Monthly Bulb Wattage Factor where the following Bulb Wattage Factors apply);

<u>Rate</u>	<u>Luminaire Type</u>	<u>Bulb Wattage Factor</u>
DSA	100 W Sodium Vapor	48 kWh
DSB	250 W Sodium Vapor	105 kWh
DSC	400 W Sodium Vapor	159 kWh
DHA	250 W Metal Halide	105 kWh
DHB	400 W Metal Halide	159 kWh

#### **TYPE OF SERVICE**

The City shall furnish, install, maintain and deliver electric service to automatically controlled, metal halide or sodium vapor lighting fixtures conforming to the City's standards and subject to its published rules and regulations.

Where necessary for proper illumination or where existing poles are inadequate, the City will install or cause to be installed, one (1) wood pole with the necessary lighting hardware and overhead conductor for each installed light, at a distance not to exceed eighty (80') feet from existing lines, at no charge to the Customer. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where the eighty (80') feet distance limit is

exceeded or service of the type desired by the Customer is otherwise not available at the point of service.

#### TERM OF CONTRACT

A two (2) year contract shall be agreed to and signed by each Customer desiring Security Lighting Service authorizing fixed monthly charges, which may be reviewed annually, and to be applied to the Customer's monthly municipal utilities bill. In the event that a Customer requests the removal of the unit or discontinuance of the service prior to completion of two (2) years, the remainder of the contract period shall become due and payable. After the end of the initial two (2) year contract, service shall continue on a month-to-month basis and may be canceled by either party upon thirty (30) days' notice.

#### PAYMENT

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE DDL**

### **DOWNTOWN DECORATIVE LIGHTING**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to any Customer requesting service on the perimeter of the historic County Courthouse Square located in downtown Denton and served by the City's existing electric distribution system for outdoor area lighting at said location.

#### **NET MONTHLY RATE**

(1)	Facility Charge	\$4.78/bill
plus;		
(2)	Energy Cost Adjustment	(Current ECA per Schedule ECA) × (350 kWh per Customer)

#### **TYPE OF SERVICE**

The City shall furnish, install, maintain and deliver electric service to automatically controlled lighting fixtures conforming to the City's standards and subject to its published rules and regulations. The service is provided between dusk and midnight. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

#### **PAYMENT**

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

#### **FACILITY CHARGE**

The Facility Charge shall be assessed on each bill rendered.

## **SCHEDULE DSL**

### **NON-STANDARD STREET LIGHTING**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to street lighting owned and maintained by the Customer. Availability of this service is contingent on the existence of an executed Special Facilities Rider between the legally responsible party and the City under which the legally responsible party accepts all responsibilities, both legal and financial, related to operation and maintenance of the subject lights, including but not limited to payment of all applicable energy charges.

#### **NET MONTHLY RATE**

plus; (1) Facility Charge \$9.18/bill

(2) Usage Charge 6.64¢/kWh

plus; Usage Charge = (kWh Rate) x (Bulb Wattage Factor)

(3) Energy Cost Adjustment Charge

(Current ECA per Schedule ECA) × (Monthly Bulb Wattage Factor where the following Bulb Wattage Factors apply);

<u>Rate</u>	<u>Luminaire Type</u>	<u>Bulb Wattage Factor</u>
DLSA	100 W Sodium Vapor	48 kWh
DLSB	250 W Sodium Vapor	105 kWh
DLSC	400 W Sodium Vapor	159 kWh
DLHA	250 W Metal Halide	105 kWh
DLHB	400 W Metal Halide	159 kWh

Other – For any lamp types installed by the Customer that are not included in the list above, a Bulb Wattage Factor will be determined for each unique type.

#### **TYPE OF SERVICE**

The City shall deliver single-phase, sixty (60) cycle service at 120 or 240 volts to the site for non-standard streetlight fixtures supplied by the Customer, and installed by the City in accordance with Municipal Code requirements. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.



### ADDITIONAL SERVICE CHARGES

If the City is required to maintain the privately owned lights to ensure public safety, the owner of the lights may be subject to additional service charges. The additional service charges shall be the actual cost of performing any work required to perform the necessary maintenance including but not limited to:

Labor	Regular time or overtime labor hourly rates in effect at the time the work is performed for all personnel performing the work. Labor charges shall be based on a one (1) hour minimum with all additional time above the minimum to be measured to the nearest one-quarter hour.
Transportation	To be billed by hours or miles, as applicable, according to the estimated cost of operating the required equipment.
Material	Any material needed to repair and/or maintain facilities will be billed at City Warehouse cost plus twenty five percent (25%).
Administrative Fee	Ten percent (10%) of the total labor, transportation, and material costs.

### PAYMENT

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE T1**

### **TEMPORARY SERVICE**

(Effective 10/01/17)

#### **APPLICATION**

Applicable when a Customer requests electric service on a short term or temporary basis where a Customer has received a permit from the City's Building Inspections Department. This Rate is not applicable after the certificate of occupancy or building final inspection has been issued.

#### **NET MONTHLY RATE**

(1)	Facility Charge	
	Single-Phase	\$16.61/bill
	Three-Phase	\$22.19/bill
plus;		
(2)	Usage Charge	8.54¢/kWh
plus;		
(3)	Energy Cost Adjustment Charge	See Schedule ECA
plus;		
(4)	Transmission Cost Recovery Factor	See Schedule TCRF

#### **MINIMUM BILLING**

For each billing period, the Customer shall be obligated to pay the following charges as a minimum, whether or not any energy was actually used:

Single-Phase	Facility Charge
Three-Phase	Facility Charge

#### **USAGE CHARGE**

Billing for the Usage Charge shall be based on actual kWh consumption during the billing period.

$$\text{Usage Charge} = \text{All kWh} \times \text{Rate per kWh}$$

## TYPE OF SERVICE

The City will supply single-phase service at sixty (60) cycles at a standard secondary voltage available at the site. Additional contractual arrangements between the City and the Customer, subject to the Special Facilities Rider, may be required where service of the type desired by the Customer is not available at the point of service.

## ADDITIONAL TEMPORARY SERVICE CHARGES

Labor	Regular time or overtime labor hourly rates in effect at the time the work is performed for all personnel performing the work. Labor charges shall be based on a one (1) hour minimum with all additional time above the minimum to be measured to the nearest one-quarter hour.
Transportation	To be billed by hours or miles, as applicable, according to the estimated cost of operating the required equipment.
Material	Material that cannot be salvaged shall be billed at the City's Warehouse cost plus twenty five percent (25%), plus applicable sales tax. At the time a temporary service is removed or converted, any loss of the installed material due to negligence or willful action by the Customer will be billed separately to the Customer at replacement cost plus twenty five percent (25%), plus applicable sales tax.
Administrative Fee	Ten percent (10%) of the total labor, transportation, and material costs.

## PAYMENT

The due date for the payment of the bill for utility services shall not be less than ten (10) business days after issuance.

## **SCHEDULE EGR**

### **ECONOMIC GROWTH RIDER**

(Effective 10/01/17)

#### **PURPOSE**

The purpose of this Rider is to facilitate local economic growth and expand the ad valorem tax base of the City.

#### **AVAILABILITY**

This Rider is available to the Customers who:

- (1) Receive service from Rate Schedules GSL or TGS; and
- (2) Pay City ad valorem tax; and
- (3) Receive no electric service discounts other than those specifically defined in the GSL or TGS Rate Schedules.

#### **APPLICATION**

This Rider is available to electric service supplied at any one location. It is for firm electric service applicable to new and existing customers as described below, over a five (5) year period. This Rider is available to the following classes of customers:

- (1) New Customers whose electric service represents demand not previously served by the City at any location in the City's service area in the last twelve (12) months, where such metered demand will be in excess of 1,000 kVA and customer load factor must be greater than the Denton Municipal Electric ("DME") system load factor, as estimated and mutually agreed upon by the DME General Manager and the Customer.
- (2) Existing Customers served under Rate Schedules GSL or TGS who increase their prior existing metered demand by 1,000 kVA and customer load factor must be greater than the DME system load factor. This increase shall be verified by sub-metering (at the Customer's expense) the additional load. If sub-metering is not possible, at the discretion of the DME General Manager, the increase may be verified by comparing a three-month rolling average of the new level of demand to the prior demand averaged for corresponding months. During periods in which this verification method cannot be applied, the General Manager and the Customer may develop a mutually agreed-upon formula to estimate the base and additional demand levels.

In light of additional costs associated with the Economic Growth Rider and to mitigate potential risk to ratepayers, any participant in the Economic Growth Rider must be, at the time this Rider is applied

for and continuing while such Rider is in effect, a Customer in good standing of all Denton Municipal Utilities, including solid waste services. Unless legal review procedures have been invoked in good faith regarding the obligation, a Customer in good standing for the purpose of this Rider is defined as a Customer not owing any unpaid utility or solid waste debt obligation that is over forty-five (45) days past due to the City during the previous twelve (12) months.

#### NET MONTHLY RATE

The Customer shall be charged under the appropriate applicable rate schedules with the exception that the monthly billing demand (for the GSL Rate) or system demand and on-peak demand (for the TGS Rate) will be adjusted in accordance with the following table:

<u>Time Period</u>	<u>Reduction to Billing Demand</u>
First Year	50%
Second Year	40%
Third Year	30%
Fourth Year	20%
Fifth Year	10%

#### CONTRACT PERIOD

The term of the contract will be for five (5) years.

## **SCHEDULE GIP**

### **GREENSENSE INCENTIVE PROGRAM**

(Effective 10/01/17)

#### **PROGRAM SUMMARY**

The objective of the GreenSense Incentive Program (“Program”) is to reduce energy demand and consumption by promoting energy conservation, thereby reducing the utility bills of City Customers, reducing the peak load of Denton Municipal Electric’s (“DME”) electric system, reducing emissions in the state, and promoting energy conservation. The Program offers incentives, in the form of credits on the electric service bills of City retail customers. Cash incentives may be paid to retail customers for the installation of photovoltaic applications.

In light of additional costs associated with the GreenSense Incentive Program and to mitigate potential risk to ratepayers, any participant in the GreenSense Incentive Program must be, at the time this program is applied for and continuing while such program is in effect, a Customer in good standing of all Denton Municipal Utilities, including solid waste services. Unless legal review procedures have been invoked in good faith regarding the obligation, a Customer in good standing for the purpose of this Program is defined as a Customer not owing any unpaid utility or solid waste debt obligation that is over forty-five (45) days past due to the City during the previous twelve (12) months.

Program applicants will be able to qualify for multiple incentives simultaneously, unless specified in the individual guidelines. A separate application may be necessary for each incentive. The Program will be in effect each fiscal year beginning on October 1, until the allotted funding is depleted or until cancellation of the program by the City. At the time the funds are depleted, no additional applications for participation will be accepted until the next fiscal year.

Qualifying applicants must receive electric service from the City. The program guidelines and payment provisions are subject to change by the City without prior notice. The City may, at any time, discontinue the Program without prior notice. The current program guidelines may be found in the GreenSense Incentive Program Manual located at [www.cityofdenton.com](http://www.cityofdenton.com).

## **SCHEDULE ECA**

### **ENERGY COST ADJUSTMENT**

(Effective 10/01/17)

The Energy Cost Adjustment (ECA) Rate shall be set by the City Council. The ECA Rate shall be reviewed on a quarterly basis and adjusted as defined below to recover the variable cost of energy delivered to Customers and to maintain Denton Municipal Electric (“DME”) in a financially sound position.

### **ENERGY COST ADJUSTMENT BALANCING ACCOUNT CALCULATION**

The ECA Balancing Account shall be calculated using the following formula:

$$\text{ECA Balancing Account} = (\text{Actual plus projected ECA revenue}) - (\text{Projected Energy Cost})$$

Where:

$$\text{Projected Energy Cost} = (\text{Actual plus projected cumulative cost of fuel}) + (\text{Actual plus projected cumulative variable purchased energy cost}).$$

The DME General Manager or his/her designee shall calculate the ECA Balancing Account monthly. In the event that the ECA Balancing Account calculated during the last month of each fiscal quarter (December, March, June, and September) is over/under collected by \$5,000,000 or more during the next quarter, the DME General Manager or his/her designee may recommend to the PUB any actions required to maintain DME in a financially sound position. Final approval on the required actions will be made by City Council.

### **ENERGY COST ADJUSTMENT CALCULATION**

$$\text{ECA} = [(\text{Projected Energy Cost}) + (\text{ECA Balancing Account})] / (\text{Projected kWh sales})$$

### **ENERGY COST ADJUSTMENT CHARGE**

The Energy Cost Adjustment Charge shall be based on actual kWh consumption during the billing period.

$$\text{Energy Cost Adjustment Charge} = \text{kWh} \times \text{ECA Rate}$$

Residential Time-Of-Use (Schedule RTOU):

$$\text{Super-Peak ECA Charge} = \text{kWh} \times [\text{ECA} + (\text{ECA} \times 53.5\%)]$$

$$\text{On-Peak ECA Charge} = \text{kWh} \times \text{ECA Rate}$$

$$\text{Off-Peak ECA Charge} = \text{kWh} \times [\text{ECA} - (\text{ECA} \times 48.8\%)]$$

### DEFINITION OF SUPER-PEAK HOURS

The City's super-peak hours, for the purpose of this Rate, are designated as being from 3:00 P.M. to 8:00 P.M. each day, for the months of June through September. The City's super-peak hours may be changed from time to time.

### DEFINITION OF ON-PEAK HOURS

The City's on-peak hours, for the purpose of this Rate, are designated as being from 7:00 A.M. to 3:00 P.M. and 8:00 P.M. to 10:00 P.M. each day, for the months of June through September. The City's on-peak hours for the months of October through May include all hours. The City's on-peak hours may be changed from time to time.

### DEFINITION OF OFF-PEAK HOURS

The City's system off-peak hours, for the purpose of this Rate, shall be all hours not designated as on-peak hours or super-peak hours for the months of June through September.

Off-Peak	On-Peak	Super-Peak	On-Peak
<b>22:01 – 07:00</b> <b>10:01 PM – 7:00 AM</b>	<b>07:01 – 15:00</b> <b>7:01 AM – 3:00 PM</b>	<b>15:01 – 20:00</b> <b>3:01 PM – 8:00 PM</b>	<b>20:01 – 22:00</b> <b>8:01 PM – 10:00 PM</b>



## **SCHEDULE RCA**

### **RENEWABLE COST ADJUSTMENT**

(Effective 10/01/17)

The Renewable Cost Adjustment (RCA) Rate shall be set by the City Council. The RCA Rate shall be reviewed on a quarterly basis and adjusted as defined below to recover the cost of renewable energy delivered to customers. Renewable energy cost includes the Energy Cost Adjustment Charge (see Schedule ECA) plus the cost of Renewable Energy Credits (“REC”) purchased.

### **RENEWABLE COST ADJUSTMENT BALANCING ACCOUNT CALCULATION**

The RCA Balancing Account shall be calculated using the following formula:

$$\text{RCA Balancing Account} = (\text{Actual plus projected RCA revenue}) - (\text{Projected Renewable Energy Cost})$$

Where:

$$\text{Projected Renewable Energy Cost} = (\text{Actual plus projected cumulative ECA cost}) + (\text{Actual plus projected REC cost})$$

During the last month of each fiscal year quarter (December, March, June, and September), the Denton Municipal Electric (“DME”) General Manager or his/her designee shall calculate the RCA Balancing Account. In the event that the RCA Balancing Account calculated during the last month of each fiscal quarter is over/under collected by \$100,000 or more during the next quarter, the DME General Manager or his/her designee may recommend to the PUB any actions required to maintain DME in a financially sound position. Final approval on the required actions will be made by City Council.

### **RENEWABLE COST ADJUSTMENT CALCULATION**

$$\text{RCA} = \text{ECA} + [(\text{Projected Renewable Energy Cost}) / (\text{Projected kWh sales})]$$

Where:

$$\text{Projected Renewable Energy Cost} = \text{Actual} + \text{projected REC cost}$$

### **RENEWABLE COST ADJUSTMENT CHARGE**

The Renewable Cost Adjustment Charge shall be based on actual kWh consumption during the billing period.

$$\text{Renewable Cost Adjustment Charge} = \text{kWh} \times \text{RCA Rate}$$

Residential Time-Of-Use (Schedule RTOU):

$$\text{Super-Peak RCA Charge} = \text{kWh} \times [\text{RCA} + (\text{RCA} \times 53.5\%)]$$

$$\text{On-Peak RCA Charge} = \text{kWh} \times \text{RCA Rate}$$

$$\text{Off-Peak RCA Charge} = \text{kWh} \times [\text{RCA} - (\text{RCA} \times 48.8\%)]$$

#### DEFINITION OF SUPER-PEAK HOURS

The City's super-peak hours, for the purpose of this Rate, are designated as being from 3:00 P.M. to 8:00 P.M. each day, for the months of June through September. The City's super-peak hours may be changed from time to time.

#### DEFINITION OF ON-PEAK HOURS

The City's on-peak hours, for the purpose of this Rate, are designated as being from 7:00 A.M. to 3:00 P.M. and 8:00 P.M. to 10:00 P.M. each day, for the months of June through September. The City's on-peak hours for the months of October through May include all hours. The City's on-peak hours may be changed from time to time.

#### DEFINITION OF OFF-PEAK HOURS

The City's system off-peak hours, for the purpose of this Rate, shall be all hours not designated as on-peak hours or super-peak hours for the months of June through September.

Off-Peak	On-Peak	Super-Peak	On-Peak
<b>22:01 – 07:00</b> <b>10:01 PM – 7:00 AM</b>	<b>07:01 – 15:00</b> <b>7:01 AM – 3:00 PM</b>	<b>15:01 – 20:00</b> <b>3:01 PM – 8:00 PM</b>	<b>20:01 – 22:00</b> <b>8:01 PM – 10:00 PM</b>

## **SCHEDULE TCRF**

### **TRANSMISSION COST RECOVERY FACTOR**

(Effective 10/01/17)

The Transmission Cost Recovery Factor (TCRF) Rate shall be set by the City Council. The TCRF Rate shall be reviewed on a quarterly basis and adjusted as defined below to recover the costs of transmission service within the boundaries of the Electric Reliability Council of Texas (“ERCOT”) region which are billed and charged to Denton Municipal Electric (“DME”). Transmission rates included in the TCRF shall be the net Transmission Cost of Service (“TCOS”) billed to DME as calculated, which net TCOS is also billed and distributed to all ERCOT utilities by ERCOT; as such TCOS rates are approved by the Public Utility Commission of Texas (“PUCT”).

### **TRANSMISSION COST RECOVERY FACTOR BALANCING ACCOUNT CALCULATION**

The TCRF shall be calculated using the following formula:

TCRF Annual Billing = (Actual monthly net TCOS billing amounts charged by ERCOT transmission service providers to DME) + (Projected increases or decreases PUCT-approved TCOS billing amount charges to ERCOT utilities)

During the last month of each fiscal year quarter (December, March, June, and September), the DME General Manager or his/her designee shall calculate the TCRF Balancing Account. The TCRF billed amount will be calculated quarterly and adjusted accordingly by annualizing the PUCT-approved TCOS billing amounts for the current calendar year. The total TCRF Annual Billing shall be allocated to the City’s various rate classes based on projected kWh sales for that rate class. The TCRF charge will be developed by the City for each applicable customer billing schedule herein, based on projected kWh sales for billing schedules without a demand component and on monthly peak kW for billing schedules with a demand component.

### **TRANSMISSION COST RECOVERY FACTOR CALCULATION**

TCRF rate class allocation amount = [(TCRF annual billing) x (Projected rate class kWh usage)] / (Total projected usage for all rate classes).

### **TRANSMISSION COST RECOVERY FACTOR CHARGE**

The Transmission Cost Recovery Factor Charge shall be based on projected kWh consumption for each rate class:

RATE

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Residential	kWh	x	TCRF Rate
General Service Small	kWh	x	TCRF Rate
General Service Medium	kW	x	TCRF Rate
General Service Large	kVA	x	TCRF Rate
General Service Time Of Use	kVA	x	TCRF Rate
Local Government Service Small	kWh	x	TCRF Rate
Local Government Service	kW	x	TCRF Rate
Weekend Service	kW	x	TCRF Rate
Temporary Service	kWh	x	TCRF Rate
Athletic Field	kWh	x	TCRF Rate
Traffic Lighting	kWh	x	TCRF Rate
Unmetered Traffic Lighting	kWh	x	TCRF Rate
Unmetered School Zone/Crossing	kWh	x	TCRF Rate
Unmetered Security Camera	kWh	x	TCRF Rate
Unmetered Wi-Fi Devices	kWh	x	TCRF Rate
Wireless Node Attachments	kWh	x	TCRF Rate
Wireless Node Unmetered	kWh	x	TCRF Rate

## **SCHEDULE DGR**

### **DISTRIBUTED GENERATION FROM RENEWABLE SOURCES RIDER**

(Effective 10/01/17)

#### **APPLICATION**

This Rider is available to any retail Customer receiving electric service under a City electric rate schedule who owns and operates an on-site generating system powered by a renewable resource capable of producing power, and which is interconnected with the Denton Municipal Electric (“DME”) electric system. Renewable energy technology is any technology that exclusively relies on an energy source that is naturally regenerated over a short time and derived directly or indirectly from the sun or wind. A renewable energy technology does not rely on energy resources derived from fossil fuels, waste products from fossil fuels, or waste products from inorganic sources. This Rider applies to a Customer-owned generating system that primarily offsets all or part of the Customer’s electric service provided by the City. If the Customer-owned generating system’s primary purpose is to sell energy to the grid and not offset the Customer’s consumption, special arrangements and a contract may be necessary.

In light of additional costs associated with the Distributed Generation From Renewable Sources Rider and to mitigate potential risk to ratepayers, any participant in the Distributed Generation From Renewable Sources Rider must be, at the time this Rider is applied for and continuing while such Rider is in effect, a Customer in good standing of all Denton Municipal Utilities, including solid waste services. Unless legal review procedures have been invoked in good faith regarding the obligation, a Customer in good standing for the purpose of this Rider is defined as a Customer not owing any unpaid utility or solid waste debt obligation that is over forty-five (45) days past due to the City during the previous twelve (12) months.

#### **CONDITIONS OF SERVICE**

All charges, character of service, and terms and conditions of the electric rate schedule under which the Customer receives service shall apply except as expressly altered by this Rider.

The Customer shall comply with the City’s current technical requirements for distributed generation interconnection. The Customer shall obtain approval from the City before the Customer energizes the Customer’s on-site generating system or interconnects it with the DME electric system. The Customer shall submit to DME a completed interconnection application form and signed Agreement for Interconnection and Parallel Operation of Distributed Generation. The minimum term of an agreement under this Rider is one year, extended automatically unless terminated by either party with sixty (60) days advance written notice.

The Customer is responsible for the costs of interconnecting with the DME electric system, including transformers, service lines, or other equipment determined necessary by the City for safe installation and operation of the Customer’s equipment with the DME electric system. The Customer is responsible for any costs associated with required inspections and permits.

## METERING

Metering under this Rider shall be performed by a single meter capable of registering the flow of electricity in two directions (delivered by the DME electric system to the Customer, and delivered to the DME electric system by the Customer's system) to determine the Customer's net energy flow.

## RATE

Beginning in the billing period after a Customer receives approval from the City, to interconnect the Customer's on-site generating system; all energy generated by the Customer's system and delivered to the DME electric system will be considered renewable energy. The Customer shall be billed for all energy delivered by the City to the Customer under the approved rates.

For any generation delivered by the Customer's system to the City's system up to the amount of energy delivered by DME to the Customer, the City shall credit the Customer's account for the energy generated as follows:

$$\text{Generation Credit} = [(\text{kWh delivered from the Customer's approved system}) \times (\text{Customer's base electric service rate})] + [(\text{kWh delivered from the Customer's approved system}) \times (\text{RCA Rate})]$$

For all energy delivered by the Customer's system to the DME system that exceeds the amount of energy delivered by DME to the Customer, the City shall credit the Customer's account for the energy generated as follows:

$$\text{Excess Generation Credit} = (\text{kWh delivered from the Customer's system}) \times \text{RCA Rate (see Schedule RCA)}.$$

Any Billing Period Credit shall be applied to the utility charges due from the Customer to the City for the billing period.

## INDEMNIFICATION

The Customer operating the renewable distributed generation system indemnifies the City and holds the City harmless for all damages and injuries to the City, the Customer, or others arising out of Customer's use, ownership or operation of Customer's distributed generation facilities in parallel with the City's system. Customer is solely responsible for providing adequate protection for operating in parallel with the City's system in such a manner that faults or other disturbances on the City's system do not cause damage to the Customer's distributed generation equipment.

## **SCHEDULE IWG**

### **INDEPENDENT WHOLESALE GENERATOR**

(Effective 10/01/17)

#### **APPLICATION**

The Independent Wholesale Generator (IWG) Rate is applicable to non-renewable generating installations of ten (10) MW or less interconnected to and operating in parallel with the City's distribution system, for the sole purpose of delivering the net output (gross output minus auxiliary load and step up transformer losses) of said generating installation to the Electric Reliability Council of Texas ("ERCOT") transmission grid for sale in the ERCOT wholesale power market. The City will interconnect the IWG pursuant to the terms of the Agreement for Interconnection and Parallel Operation of Independent Wholesale Generation. Other services or special requirements for interconnection of a specific generating facility not included in the Agreement for Interconnection and Parallel Operation of Independent Wholesale Generation, requested by the Customer, or required by the City may be provided pursuant to negotiation and agreement by both the Customer and the City. The provision of said additional services or requirements shall be recorded in the form of an addendum to the standard Agreement for Interconnection and Parallel Operation of Independent Wholesale Generation.

#### **TERMS AND CONDITIONS OF SERVICE**

At a minimum, the Customer shall comply with the City's current technical requirements for independent wholesale generation interconnection specified in the standard Agreement for Interconnection and Parallel Operation of Distributed Generation. The Customer may not begin construction of its facilities until an Agreement for Interconnection and Parallel Operation of Distributed Generation has been signed by both the Customer and the City. The Customer shall obtain approval from DME before the Customer begins operation of its generating system or interconnects it with the City's electric system. The Customer is responsible for any costs associated with required City inspections and permits.

#### **PRE-INTERCONNECTION STUDIES**

The City may, at its sole discretion perform pre-interconnection studies the City deems appropriate, which may include, but are not restricted to, a service study, coordination study, emissions impact study, and utility system impact study. In instances where such studies are deemed necessary, the scope of such studies shall be based on the characteristics of the particular IWG generation system to be interconnected, the City's distribution system at the specified proposed location(s), and environmental characteristics of the Denton County area. Such studies will also determine whether the electric interconnection can be made consistent with safe and reliable operation of the City's distribution system. The cost of such analysis will be the responsibility of the Customer. A cost estimate will be provided and agreed to by the IWG Customer prior to the City performing the studies.

## SYSTEM MODIFICATIONS

The Customer will be required to install, operate, and maintain in good order and repair, and without cost to the City, all facilities required by the City for the safe operation of the IWG system in parallel with the City's electric system. The Customer's IWG system shall be installed, operated, and maintained by the Customer at all times in conformity with good electrical practice and shall comply with the National Electric Code, the National Electric Safety Code, any applicable local codes and any applicable DME service standards included in the DME Agreement for Interconnection and Parallel Operation of Independent Wholesale Generation

Any modifications or additions to the City's electrical system caused by the addition of the Customer's IWG system will be solely at the Customer's expense. However, the Customer will not acquire any ownership in these facilities. The modifications and additions may include, but are not restricted to, the upgrading of transformer insulation levels and lightening arrester ratings, the replacement of circuit breakers due to increased fault current levels, additional protective relaying and any additional metering. Further, DME may require that a communications channel(s) be installed at the Customer's expense as part of the relay protection, remote control, remote metering, SCADA telemetry, and/or direct voice contact between DME and the Customer.

## NET MONTHLY RATE

The Customer shall be subject to special contract arrangements and the rate charges to the Customer shall consist of at a minimum, a monthly Facility Charge plus a monthly Distribution Delivery Charge and a monthly Distribution Line Loss Charge. Additional Service Charges may apply. These charges shall be calculated as follows:

### MINIMUM BILLING

#### Facility Charge:

The Customer shall pay the City a monthly Facility Charge sufficient to compensate the City for its investment in special facilities dedicated exclusively to providing the Customer service and/or that are necessary to ensure that the quality of service provided to other Customers is not adversely affected pursuant to the requirements of the SYSTEM MODIFICATION provisions set forth above. The minimum monthly Facility Charge shall be \$69.06.

#### Distribution Delivery Charge:

The Customer shall pay the City a monthly distribution delivery charge equal to \$2.06 times the Customer's delivery demand. The Customer's delivery demand shall be the greatest of the Customer's maximum 15 minute net capacity output as measured at the Customer's IWG site, the minimum billing kW shall be as established in the DME Agreement for Interconnection and Parallel Operation of Independent Wholesale Generation, or 1,500 kW.



Distribution Line Loss Charge:

The Customer shall pay the City a monthly Distribution Line Loss Charge equal to the applicable monthly Energy Cost Adjustment (“ECA”) Charge (see Schedule ECA) times monthly energy losses. Monthly energy losses shall be calculated as the metered monthly kilowatt-hour output of the Customer’s IWG generating unit(s) as measured at the Customer’s IWG site times five percent (5%).

ADDITIONAL SERVICE CHARGES

Generator Auxiliary Load Standby Charge:

The Customer shall pay the City’s General Service Large Rate for any electric service used by the Customer to serve generator auxiliary load as a result of demand and energy requirements placed upon the City resulting from planned or forced outage of the Customer’s IWG generation unit(s).

Electric Service to Structures and Other Facilities Other than Generator Auxiliary Load:

All charges, character of service, and terms and conditions of the applicable City electric rate schedule(s) under which the Customer receives City electric service for structures or other facilities not specifically supplying auxiliary service directly to its generating unit(s) shall apply except as expressly altered by this Rate.

## **SCHEDULE CGR**

### **COMMERCIAL RENEWABLE ENERGY SERVICE RIDER**

(Effective 10/01/17)

This Rider defines the manner by which commercial customers may purchase predetermined 1,000 kWh blocks of energy or one hundred percent (100%) of actual energy consumption from renewable resources by substituting the Renewable Cost Adjustment Charge (see Schedule RCA) in lieu of the Energy Cost Adjustment (see Schedule ECA) specified in their applicable rate schedule.

#### **APPLICATION**

This Rider is applicable to any non-residential customer receiving service under rate schedules GSS, GSM, GSL, G1, TGS, or WK at one point of delivery and measured through one meter. This Rider is not applicable to resale service in any event, or to temporary, standby, or supplementary service.

In light of additional costs associated with the Commercial Renewable Energy Service Rider and to mitigate potential risk to ratepayers, any participant in the Distributed Commercial Renewable Energy Service Rider must be, at the time this Rider is applied for and continuing while such Rider is in effect, a Customer in good standing of all Denton Municipal Utilities, including solid waste services. Unless legal review procedures have been invoked in good faith regarding the obligation, a Customer in good standing for the purpose of this Rider is defined as a Customer not owing any unpaid utility or solid waste debt obligation that is over forty-five (45) days past due to the City during the previous twelve (12) months.

#### **NET MONTHLY RATE**

A Customer eligible for service under this Rider may elect to purchase renewable energy at the Renewable Cost Adjustment Charge, determined in accordance with Schedule RCA. Said Customer may elect to purchase 1,000 kWh blocks of energy at the RCA Rate, with the remainder of the Customer's energy use charged at the ECA Rate or to purchase all energy used at the RCA Rate. All other charges contained in the Customer's applicable rate schedule shall continue to apply, as specified in said schedule. Said Customer's energy charge shall be calculated as follows.

Either:

Total Energy Charge =  $[(Y \times 1000 \text{ kWh}) \times \text{RCA}] + \{[(\text{Total Energy Used}) - (Y \times 1000 \text{ kWh})] \times \text{ECA}\}$

Where:

Customer has elected to purchase a portion of its energy consumption at the RCA and:

Y= Number of 1000 kWh RCA blocks elected by said Customer

Or:

Total Energy Charge = Total Energy Used x RCA

Where:

Customer has elected to purchase its entire energy consumption at the RCA

### TERMS OF SERVICE

To exercise the energy supply choice made available by this Rider, an eligible Customer must enter into a separate written agreement with the City that specifies either a specific number of 1,000 kWh energy blocks to be purchased at the Renewable Cost Adjustment Charge or specifies that one hundred percent (100%) of said Customer's monthly energy consumption is to be purchased at the Renewable Cost Adjustment Charge. The minimum term for a Schedule CGR agreement shall be twelve (12) months.

This Rider replaces the Energy Cost Adjustment Charge for participating customers.

## **SCHEDULE SFR**

### **SPECIAL FACILITIES RIDER**

(Effective 10/01/17)

- (1) All service shall be offered from available facilities. If a Customer's service characteristics require facilities and devices not normally and readily available at the location where the Customer requests service, the total cost incurred by the City for all facilities installed, buried, relocated and/or removed shall be the responsibility of the Customer and subject to a contract entered into between the City and the Customer. This contract shall be signed by both parties prior to the City providing service to the Customer.
- (2) Any contract under this rider is subject to the following approvals:
  - (a) If the total value of the contract is less than \$100,000, the contract may be approved by the City Manager, or his designee. If a contract under this subsection is not approved by the City Manager, or his designee, then it must be recommended for approval by the Public Utilities Board and approved by the City Council.
  - (b) If the total value of the contract is equal to or greater than \$100,000, the contract must be recommended for approval by the Public Utilities Board and approved by the City Council.

## **SCHEDULE DFR**

### **DARK FIBER** (Effective 10/01/17)

#### **APPLICATION**

Service is available to any Customer to the extent there is any excess capacity respecting the Denton Municipal Electric's ("DME") fiber optic cable facilities, within the area served by DME's distribution system, for the purpose of point-to-point dark fiber optic cable connectivity intended for the transport of high-speed data.

#### **NET MONTHLY RATE**

plus;	(1)	Fiber Mileage Charge	\$400 per fiber pair/mile, per month; and
	(2)	Building Presence Charge	\$180 per location, per month
		Total Fiber Rate	\$580 per fiber pair/mile, per month, per location

#### **RATE GUIDELINES**

- (1) The minimum quantity of fiber to be leased shall be one (1) fiber pair. All fiber pairs furnished to the Customer shall consist of two (2) fibers.
- (2) The minimum Fiber Mileage Charge is for one (1) fiber pair/mile.
- (3) After the first mile, Fiber Mileage Charge will be charged in increments of the nearest one-tenth (0.1) mile.
- (4) All costs associated with ingress to a Customer's location from the City right-of-way shall be billed directly to the Customer, and are not included in the Fiber Mileage Charge and the Building Presence Charge and shall be paid to the City within fifteen (15) calendar days from the date of issuance of the bill.
- (5) The Fiber Mileage Charge calculation is based upon the actual fiber pair distance along the DME distribution system rights-of-way. The Fiber Mileage Charge is not based upon any other method of calculation. The Fiber Mileage Charge is not based upon any distance determination, such as the distance the crow flies, or from point-to-point.
- (6) The Fiber Mileage Charge distance shall be capped at two (2) times the direct point-to-point distance.
- (7) DME dark fiber usage by the Customer cannot conflict with existing private fiber and/or communications company usage in any specific area.
- (8) All costs associated for new point-to-point fiber spot networks where DME does not already have fiber installed are to be borne up-front by the Customer; including installation costs, testing cost and any right-of-way or easement procurement costs.

## DISCOUNTS

Special discounts will be applied for fiber pairs to the same location, and for fiber pairs for long-term contracts in the amounts as shown in the table below. The discount applicable to a Customer shall not be a cumulative total of all the discounts offered. The discount any Customer is entitled to shall be the largest single discount applicable to that Customer's service.

Discount Type	Discount		Discount Type	Discount
<u>Term of Lease</u>	<b>%</b>		<u>Number of Fibers</u>	<b>%</b>
5-7 Years	30%		1-2 Fibers /Mileage Charge	0%
8-10 Years	45%		3-6 Fibers/ Mileage Charge	9.7%
			7-12 Fibers/Mileage Charge	19%
			12 or more Fibers/Mileage Charge	28.7%

## TYPE OF SERVICE

The City shall furnish, install, maintain, and deliver only point-to-point dark fiber connectivity for the purpose of transporting high-speed data with a maximum loss of no more than 9.0 dB.

## PAYMENT

Bills are due when rendered and become past due if not paid within fifteen (15) calendar days from date of issuance.

## TERM OF LEASE CONTRACT

All dark fiber lease contracts shall be for a minimum term of five (5) years.

## **SCHEDULE PAF**

### **POLE ATTACHMENT FEE**

(Effective 10/01/17)

#### **APPLICATION**

This Rate is available to a licensee who desires to access designated poles or conduits owned by the City for the purpose of installing and maintaining their facilities and associated equipment to provide services to the public. An agreement between such entity and the City shall be executed separate from, but will reference, the following rate schedule:

#### **NET ANNUAL RATE**

	(1)	Annual Pole Attachment (“APA”)	\$15.57 per attachment
plus;	(2)	On-Pole Conduit Rate	\$15.57 per linear foot
plus;	(3)	In-Ground Conduit Rate	Rate specified pursuant to Schedule SFR
plus;	(4)	Riser Rate	\$160 per riser
plus;	(5)	Miscellaneous Attachments	\$100 per miscellaneous attachment

Note: Annual Rates (2) and (3) listed above are not available on all poles nor in all areas across the City.

#### **APPLICATION PROCESSING COSTS**

(1)	Application Filing Fee (per submittal)	\$100 per application
(2)	Per pole cost (review & inspection)	\$25.00 per pole
(3)	Per pole cost (mileage)	\$5.00 per pole

All application processing costs are non-refundable.

If an application being processed is identified as inaccurate or with errors, the licensee will need to resubmit the application and pay the application filing fee again.

## MISCELLANEOUS

- |     |   |                                 |
|-----|---|---------------------------------|
| (1) | The City or City Contractor Performing Analysis | \$225 per pole                  |
| (2) | Unauthorized Attachment Penalty                 | \$1,000 per attachment per pole |
| (3) | Undefined Work or Expense                       | Rate pursuant to Schedule SFR   |

## MAKE READY COSTS

Licensees will be required to pay for any work done or contracted by the City, including but not limited to make ready work and any installed, used or maintained facilities in violation of the Agreement that the licensee has not corrected. The City will invoice licensee, and licensee must pay, for identified expenses as needed before any work will begin and shall include all reasonable fully loaded material (including any applicable overhead), labor, engineering, transportation and administrative costs.

## PAYMENT

Bills are due when rendered and become past due if not paid within fifteen (15) calendar days from date of issuance.



## **SCHEDULE BIF**

### **BANNER INSTALL FEE**

(Effective 10/01/17)

#### **APPLICATION**

Applicable to any person who has completed an application and received approval from the City to have a banner installed on facilities owned by the City for the purpose of marketing and publicizing community events shall be assessed a fee based on the following schedule:

#### **NET ANNUAL RATE**

(1)	Over the Street Banner Install	\$100.00 per banner
(2)	Pole One Time Banner Install	\$15.00 per banner
(3)	Pole Seasonal Banner Install	\$27.00 per banner

#### **TERMS AND CONDITIONS OF SERVICE**

Persons requesting the City install an Over the Street Banner must provide DME with a banner that is no more than three (3) feet tall by thirty-five (35) feet in length with six (6) feet of rope. All Over the Street Banners must be made out of mesh only (fish net type material). A sample of the banner material is recommended for approval. The City's Building Inspections Department requires an application and permit fee of sixty (60) dollars for installation of an Over the Street Banner which needs to be completed prior to contacting Denton Municipal Electric ("DME").

Persons requesting the City install a Pole Banner must provide DME with a banner that is no more than thirty (30) inches tall by eighty (80) inches in length with openings of two (2) inches. Pole Banners are required to be made of weather beater or vinyl material only. The appropriate application for each type of banner must be completed prior to installation and returned to a representative of DME's Operations and Maintenance Division along with applicable fees listed above, a digital image of the banner, and location requests. DME's designee will determine install locations depending on availability. Any banners that promote sponsors or advertisement are strictly prohibited.

#### **PAYMENT**

Payment is required to the City at the time the banners are given for installation. Permit fees, when applicable, are due to Building Inspections in order to reserve specific dates.

## **SCHEDULE WNA**

### **WIRELESS NODE ATTACHMENTS**

(Effective 10/01/17)

#### **APPLICATION**

This Rate is available to a licensee who desires to access designated poles owned by the City for the purpose of installing and maintaining their wireless nodes and associated equipment to provide services to the public. An agreement between such entity and the City shall be executed separate from, but will reference, the following rate schedule:

#### **NET ANNUAL RATE**

	(1)	Facility Charge	\$17.82/node
plus;	(2)	Usage Charge	6.64¢/kWh
plus;	(3)	Energy Cost Adjustment Charge	See Schedule ECA
plus;	(4)	Transmission Cost Recovery Factor	See Schedule TCRF

#### **USAGE CHARGE**

Billing for the Usage Charge shall be based on actual kWh consumption during the billing period.

$$\text{Usage Charge} = \text{All kWh per device} \times \text{Rate per kWh}$$

#### **MISCELLANEOUS**

(1)	Unauthorized Attachment Penalty	\$1,000 per attachment
(2)	Undefined Work or Expense	Rate pursuant to Schedule SFR

#### **MAKE READY COSTS**

Licensees will be required to pay for any work done or contracted by the City, including but not limited to make ready work and any installed, used or maintained facilities in violation of the Agreement that the licensee has not corrected. The City will invoice licensee, and licensee must pay, for identified expenses as needed before any work will begin and shall include all reasonable fully loaded material (including any applicable overhead), labor, engineering, transportation and administrative costs.

## PAYMENT

Bills are due when rendered and become past due if not paid within fifteen (15) calendar days from date of issuance.

## **SCHEDULE WNU**

### **WIRELESS NODE UNMETERED**

(Effective 10/01/17)

#### **APPLICATION**

This Rate is available to a licensee who desires to access designated poles owned by the City for the purpose of installing and maintaining their wireless nodes and associated equipment to provide services to the public. An agreement between such entity and the City shall be executed separate from, but will reference, the following rate schedule:

#### **NET ANNUAL RATE**

	(1)	Facility Charge	\$17.82/node
plus;	(2)	Usage Charge	6.64¢/kWh
plus;	(3)	Energy Cost Adjustment Charge	See Schedule ECA
plus;	(4)	Transmission Cost Recovery Factor	See Schedule TCRF

#### **USAGE CHARGE**

Billing for the Usage Charge shall be based on technical information of installed equipment provided by licensee. This calculated consumption will be billed for each device once every twelve (12) months at the end of the fiscal year. Any accounts that are added during the year will be billed on prorated consumption.

Usage Charge = Annual kWh per device × Rate per kWh

Annual Usage = 2,000 kWh per device per account (or calculated consumption based on technical information provided by licensee)

#### **MISCELLANEOUS**

(1)	Unauthorized Attachment Penalty	\$1,000 per attachment
(2)	Undefined Work or Expense	Rate pursuant to Schedule SFR

### MAKE READY COSTS

Licensees will be required to pay for any work done or contracted by the City, including but not limited to make ready work and any installed, used or maintained facilities in violation of the Agreement that the licensee has not corrected. The City will invoice licensee, and licensee must pay, for identified expenses as needed before any work will begin and shall include all reasonable fully loaded material (including any applicable overhead), labor, engineering, transportation and administrative costs.

### PAYMENT

Bills are due when rendered and become past due if not paid within fifteen (15) calendar days from date of issuance.

SECTION 2. The City Manager, or his designee, is authorized to expend funds to authorize credits to Customers on their electric service bills and further to authorize cash incentives for the installation of photovoltaic systems in accordance with the form and type set forth in Schedule GIP, as the installation of energy efficient upgrades is in the best interest of the City, as such will reduce energy demand and consumption, reduce the peak load of the City's electric system, reduce emissions in the state, and promote energy conservation, which are all public purposes of the City.

SECTION 3. All ordinances or parts of ordinances in force when the provisions of this ordinance became effective which are inconsistent, or in conflict with the terms or provisions contained in this ordinance are hereby repealed to the extent of any such conflict.

SECTION 4. If any section, subsection, paragraph, sentence, clause, phrase or word in this ordinance, or application thereof to any person or circumstances is held invalid by any court of competent jurisdiction, such holding shall not affect the validity of the remaining portions of this ordinance, and the City Council of the City of Denton, Texas, hereby declares it would have enacted such remaining portions despite any such invalidity.

SECTION 5. This ordinance and the rates herein adopted shall become effective, charged, and applied to all electric services rendered by the City, and all energy usage by Customers of the City effective with the first billing issued on and after October 1, 2017; and a copy of said rates shall be maintained on file in the Office of the City Secretary of the City of Denton, Texas.

PASSED AND APPROVED this the \_\_\_\_\_ day of \_\_\_\_\_, 2017.

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CHRIS WATTS, MAYOR

ATTEST:  
JENNIFER WALTERS, CITY SECRETARY

By: \_\_\_\_\_

APPROVED AS TO LEGAL FORM:  
AARON LEAL, INTERIM CITY ATTORNEY

By:  \_\_\_\_\_