



# **ELECTRIC SERVICE TARIFFS**

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## **GENERAL RULES APPLICABLE TO TARIFFS AND FEES**

### **Application of Tariffs**

The tariffs of TCEC set out the conditions under which electric service is available.

### **Selection of Tariff**

TCEC has designed its tariffs for each class of service. Movement between the tariffs is determined by the electrical requirements of the Member. If a Member changes the requirements or the purpose of the service, TCEC shall change the service to the appropriate tariff.

### **Residence and In-Home Business**

Residences in which space is occasionally used for the conduct of business by a person residing therein shall be served under the standard residential tariff.

### **Irrigation Service**

Irrigation tariffs apply when the Member uses the service of TCEC for purpose of lifting groundwater to irrigate a tract of land to raise a crop.

The irrigation tariff does not apply to pumping water for residential, livestock, or commercial use.

### **Carbon Tax Adjustment**

The tariffs of TCEC shall be subject to an increase or decrease in proportion to the amount of Carbon Tax and/or any taxes in lieu of a Carbon Tax TCEC may be required to pay.

### **Tax Adjustment**

The tariffs of TCEC shall be subject to an increase or decrease in proportion to the amount of Gross Receipt Taxes and/or any other taxes (not including carbon taxes) TCEC may be required to pay.

### **Power Factor Adjustment**

The Member agrees to maintain, as nearly as possible, a 100% power factor. When TCEC deems it necessary, the demand (kW) for billing purposes may be adjusted to correct for a power factor (leading or lagging) lower than ninety-five percent (95%).

Such adjustments shall be made by increasing the total billing by one percent (1%) or fraction thereof for each one percent (1%) or fraction thereof by which the (leading or lagging) power factor is less than ninety-five percent (95%).

TCEC shall recalculate the power factor adjustment when the Member has implemented measures to improve an inadequate power factor. TCEC may periodically check the power factor. For purposes of calculation, the adjustment shall be the power factor as measured by TCEC.

### **Harmonic Distortion**

The Member agrees to maintain harmonic distortion at a level equal to or less than industry standards. TCEC shall use the appropriate IEEE Standard to determine the industry standard for harmonic distortion and the level at which the penalty begins to apply. The electric bill shall be adjusted to correct for harmonic distortion.

If harmonic distortion is found, the Member shall immediately comply with the appropriate IEEE Standard for harmonic distortion. Should the Member refuse to comply, TCEC shall terminate service until Member complies with the applicable IEEE standard.

## **Standby Service**

Standby Service is available to any Member and shall be billed under the applicable industrial tariff provided that the tariff clearly recognizes the investment of TCEC and provides a tariff of return equivalent to that of the other tariffs.

## TARIFFS

### Residential Service – Tariffs 10 and 11

Tariffs 10 and 11 are available in all areas served by TCEC. These tariffs are available exclusively for Residences regardless of required transformer size.

These tariffs are not available to a Residence that is also regularly used for business or commercial services except as permitted herein. The determination of the applicability of this tariff is solely at the discretion of TCEC.

Electric service under these tariffs shall be used for domestic purposes in private Residences and separately metered individual apartments when all service is supplied at one point of common coupling, measured through one meter, and where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served.

These Tariffs are available for Residences that have a granary, workshop, etc. served from the same meter so long as no single motor is greater than ten (10) horsepower. Those Residences that have a granary, workshop, etc. with a motor greater than ten (10) horsepower will be served under the applicable General Service tariff.

#### Protective Control Equipment

The Member shall install and maintain the devices necessary to adequately protect the equipment and process of the Member during periods of abnormal service conditions or the failure of part or all of the service supply. Reverse phase relays, loss of phase relays, circuit breakers, or similar devices, are required for all multi-phase services to protect the installation in case of phase reversal or phase failure.

#### Type of Service

Single-phase and three-phase, 60 Hertz, at available secondary voltages.

#### Monthly Tariff

##### Service Availability Charge

Single-phase (Tariff 10)	\$ 22.50
Three-phase (Tariff 11)	\$ 30.00

<u>Energy Charge per kWh</u>	\$ 0.1095
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<u>Power Cost Adjustment</u>	As Calculated
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#### Minimum Monthly Charge

The minimum monthly charge shall be the Service Availability Charge.

#### Billing Adjustments

Power Cost Adjustment (PCA-1), Carbon Tax Adjustment, and Tax Adjustment(s)

#### Terms of Payment

The monthly bill shall be rendered at the above tariff. A late payment penalty of one-and-one-half percent (1.5%) shall be added to the monthly bill if not paid within twenty (20) days after the date of mailing.

## Residential Time of Use Service – Tariffs 61 and 62 (Pilot)

Tariffs 61 and 62 are available in all areas served by TCEC as a pilot. These tariffs are available exclusively for Residences regardless of required transformer size.

These tariffs are not available to a Residence that is also regularly used for business or commercial services except as permitted herein. The determination of the applicability of this tariff is solely at the discretion of TCEC.

Electric service under these tariffs shall be used for domestic purposes in private Residences and separately metered individual apartments when all service is supplied at one point of common coupling, measured through one meter, and where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served.

These Tariffs are available for Residences that have a granary, workshop, etc. served from the same meter so long as no single motor is greater than ten (10) horsepower. Those Residences that have a granary, workshop, etc. with a motor greater than ten (10) horsepower will be served under the applicable General Service tariff.

### Protective Control Equipment

The Member shall install and maintain the devices necessary to adequately protect the equipment and process of the Member during periods of abnormal service conditions or the failure of part or all of the service supply. Reverse phase relays, loss of phase relays, circuit breakers, or similar devices, are required for all multi-phase services to protect the installation in case of phase reversal or phase failure.

### Type of Service

Single-phase and three-phase, 60 Hertz, at available secondary voltages.

### Monthly Tariff

#### Service Availability Charge

Single-phase (Tariff 61)	\$ 22.50
Three-phase (Tariff 62)	\$ 30.00

#### Energy Charge per kWh

On Peak kWh Charge	\$0.3250
Off Peak kWh Charge	\$0.0850

On Peak Hours are defined as the hours beginning at 3 p.m. and ending at 8 p.m. during the usage months of June, July and August. Off Peak Hours are all other hours during the year.

#### Power Cost Adjustment

As Calculated

### Minimum Monthly Charge

The minimum monthly charge shall be the Service Availability Charge.

### Billing Adjustments

Power Cost Adjustment (PCA-1), Carbon Tax Adjustment, and Tax Adjustment(s)

## Terms of Payment

The monthly bill shall be rendered at the above tariff. A late payment penalty of one-and-one-half percent (1.5%) shall be added to the monthly bill if not paid within twenty (20) days after the date of mailing.



## General Service - Tariffs 12 and 13

Tariffs 12 and 13 are available to non-residential accounts in all areas served by TCEC. These accounts must be supplied at one point of common coupling and measured through one meter.

Domestic water wells, livestock water wells, small agricultural, small businesses, and other services which are not residential are examples of accounts that qualify for this tariff.

These Tariffs are not applicable to temporary, breakdown, standby, supplementary, resale, shared service, or to service for which a specific tariff is provided.

Connection to motors greater than ten (10) horsepower must be approved by TCEC prior to installation.

### Protective Control Equipment

The Member shall install and maintain the devices necessary to adequately protect the Member's equipment and process during periods of abnormal service conditions or the failure of part or all of the service supply. Reverse phase relays, loss of phase relays, circuit breakers, or similar devices, are required for all multi-phase services to protect the installation in case of phase reversal or phase failure.

### Type of Service

Single-phase and three-phase, 60 Hertz, at available secondary voltages.

### Monthly Tariff

#### Service Availability Charge

Single-phase (Tariff 12)	\$ 22.50
Three-phase (Tariff 13)	\$ 30.00

<u>Energy Charge: per kWh</u>	\$ 0.1220
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<u>Power Cost Adjustment</u>	As Calculated
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### Minimum Monthly Charge

The minimum monthly charge shall be the Service Availability Charge.

### Billing Adjustments

Power Cost Adjustment (PCA-1), Carbon Tax Adjustment, Tax Adjustment(s), and Power Factor Adjustment

### Terms of Payment

The monthly bill shall be rendered at the above tariff. A late payment penalty of one-and-one-half percent (1.5%) shall be added to the monthly bill if not paid within twenty (20) days after the date of mailing.

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## **Irrigation Power Service - Tariffs 14, 16, and 18**

Tariffs 14, 16, and 18 for Irrigation Power Service are available in all areas served by TCEC. Irrigation Power Service is applicable to accounts where the Member is using an electric motor to lift ground water for the purpose of irrigation.

Minimum motor size of twenty-five (25) horsepower is required to qualify for this tariff. Smaller motors shall be served on the appropriate General Service tariff. Availability of Irrigation Power Service is subject to approval of TCEC.

### **Protective Control Equipment**

The Member shall install and maintain the devices necessary to adequately protect the Member's equipment and process during periods of abnormal service conditions or the failure of part or all of the service supply. Reverse phase relays, loss of phase relays, circuit breakers, or similar devices, are required for all multi-phase services to protect the installation in case of phase reversal or phase failure.

### **Type of Service**

Single-phase and three-phase, 60 Hertz, at available secondary voltages.

### **Monthly Tariff**

#### **Demand Charge (Tariff 14)**

Tariff per kW per On-Peak month (Billing Months of July, August, and September)	\$ 7.00
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#### **Energy Charge per kWh (Tariffs 14, 16, and 18)**

On-Peak Energy (Billing Months of July, August, and September)	\$0.1010
Off-Peak Energy (Billing Months of October through June)	\$0.0860
Power Cost Adjustment	As Calculated

### **Voluntary Load Control Discount**

The following optional discounts are available to irrigation Members who sign up to voluntarily participate in load control prior to the 1st day of April each year. Once an optional discount is selected, it is locked in for the On-Peak months during the selection year.

#### **Time-of-Day Irrigation (Tariff 16)**

The demand charge under this option is \$4.00 per kW per On-Peak month. The \$3.00 per kilowatt demand discount is available during On-Peak months for volunteering to refrain from operating irrigation equipment during the hours of 10:00 am through 10:00 pm each day of the On-Peak season. Under this tariff, irrigation shall only be allowed during the hours of 10:00 pm and 10:00 am.

#### **Day-of-Week Irrigation (Tariff 18)**

The demand charge under this option is \$5.00 per kW per On-Peak month. The \$2.00 per kilowatt demand discount is available during On-Peak months for volunteering to refrain from operating irrigation equipment one day per week between the hours of 10 a.m. to 10 p.m. during the On-Peak season. The off-day per week shall be scheduled by TCEC prior to the On-Peak season. The off-day shall not change without approval of TCEC and thirty (30) days' notice to the Member.

## **Penalty for Not Complying with Agreement**

Any Member receiving service under a discount tariff (Tariffs 16 or 18) that operates in violation of the time limits of such tariff shall lose the right to be billed under such tariff. Additionally, the bill shall be recalculated and billed at the applicable non-discount tariff (Tariff 14) for the entire year. Further, such Member shall not be allowed to participate under any discount tariff (Tariffs 16 or 18) without specific approval by the Board of Trustees.

## **Minimum Charge**

The minimum annual charge for tariffs 14, 16, and 18 shall be the demand and energy charge or an amount equivalent to \$12.00 per connected horsepower (nameplate rating), whichever is greater. The annual minimum charge is in lieu of the monthly Service Availability Charge in the other tariffs.

## **Determination of Billing Demand**

The billing demand shall be the maximum demand (kW) established by the Member for any period of fifteen (15) consecutive minutes during the billing months of July, August, and September, (usage months of June, July, and August) as indicated or recorded by the demand meter and adjusted for power factor as indicated below.

## **Billing Adjustments**

Power Cost Adjustment (PCA-1), Carbon Tax Adjustment, Tax Adjustment(s), and Power Factor Adjustment

## **Terms of Payment**

The monthly bill shall be rendered at the above tariff. A late payment penalty of one-and-one-half percent (1.5%) shall be added to the monthly bill if not paid within twenty (20) days after the date of mailing.

## Oil and/or Natural Gas Service - Tariffs 15, 30, and 31

Tariffs 15, 30, and 31 for oil and/or natural gas service are available in all areas served by TCEC. These accounts must be supplied at one point of common coupling and measured through one meter.

These Tariffs are for the extraction of oil or natural gas products. These Oil and/or Gas Service Tariffs are not applicable to pipeline pumping, natural gas compression or other accounts for moving oil and natural gas products.

### Protective Control Equipment

The Member shall install and maintain the devices necessary to adequately protect the Member's equipment and process during periods of abnormal service conditions or the failure of part or all of the service supply. Reverse phase relays, loss of phase relays, circuit breakers, or similar devices, are required for all multi-phase services to protect the installation in case of phase reversal or phase failure.

### Type of Service

Single-phase or three-phase, 60 Hertz, at any of TCEC's standard voltages.

### Monthly Tariff

#### Service Availability Charge

Tariff 15	\$125.00
Single-phase (Tariff 30)	\$ 30.00
Three-phase (Tariff 31)	\$ 40.00

#### Demand Charge (per Billing kW per month)

Tariff 15	\$ 13.40
Single-phase (Tariff 30)	\$ 13.65
Three-phase (Tariff 31)	\$ 13.65

#### Energy Charge per kWh

Tariff 15 (First 400 kWh per kW of billing demand)	\$0.0850
Tariff 15 (Excess kWh over 400 kWh per kW of billing demand)	\$0.0650
Single-phase (Tariff 30)	\$0.0992
Three-phase (Tariff 31)	\$0.0992

#### Power Cost Adjustment

As Calculated

### Tariff 15 Qualification

Qualifying for Tariff 15 requires an average demand (kW) on a single meter to be 1500 kW or greater on a twelve (12) month rolling basis.

### Determination of Billing Demand (kW)

The billing demand shall be the maximum demand (kW) established by the Member for any period of fifteen (15) consecutive minutes during the month for which the bill is rendered as indicated or recorded by the demand meter and adjusted for power factor as provided below. However, in computing charges for electric service under this tariff, no bill for any month shall be based on less than sixty-five percent (65%) of the highest maximum demand established during the previous billing months of May through September.

## Minimum Monthly Charge

The minimum monthly charge shall not be less than:

Tariff 15	\$125.00 per month
Tariff 30 – Single-phase	\$70.00 per month
Tariff 31 – Three-phase	\$77.50 per month

## Primary Service Discount – Tariffs 15 and 31

A discount of two percent (2%) shall be allowed for power delivered to the Member at distribution voltage when the following conditions are met:

- A service capacity requirement of 1 MW or greater; and
- The Member takes service at TCEC's available distribution line voltage; and
- The Member installs, owns or leases, operates, and maintains all equipment on the Member's side of the point of common coupling. The point of common coupling shall be the point of attachment to the distribution line of TCEC.
- See a complete overview of Primary Metered Service under Cooperative's Service Obligations.

The discount applies only to the energy components of the tariff.

## Service Provisions

The point of common coupling shall be at the meter unless otherwise specified in a Facilities Extension Agreement. All wiring, underground or pole lines, and other electric equipment on the load side of the point of common coupling shall be owned and maintained by the Member.

## Billing Adjustments

Power Cost Adjustment (PCA-1), Carbon Tax Adjustment, Tax Adjustment(s) and Power Factor Adjustment

## Terms of Payment

The monthly bill shall be rendered at the above tariff. A late payment penalty of one-and-one-half percent (1.5%) shall be added to the monthly bill if not paid within twenty (20) days after the date of mailing.

## Oil and/or Natural Gas Service Time of Use - Tariffs 65, 66, and 67 (Pilot)

Tariffs 65, 66, and 67 for oil and/or natural gas service are available in all areas served by TCEC as a pilot. These accounts must be supplied at one point of common coupling and measured through one meter.

These Tariffs are for the extraction of oil or natural gas products. These Oil and/or Gas Service Tariffs are not applicable to pipeline pumping, natural gas compression or other accounts for moving oil and natural gas products.

### Protective Control Equipment

The Member shall install and maintain the devices necessary to adequately protect the Member's equipment and process during periods of abnormal service conditions or the failure of part or all of the service supply. Reverse phase relays, loss of phase relays, circuit breakers, or similar devices, are required for all multi-phase services to protect the installation in case of phase reversal or phase failure.

### Type of Service

Single-phase or three-phase, 60 Hertz, at any of TCEC's standard voltages.

### Monthly Tariff

#### Service Availability Charge

Tariff 65	\$125.00
Single-phase (Tariff 66)	\$ 30.00
Three-phase (Tariff 67)	\$ 40.00

#### Demand Charge (per NCP Billing kW per month)

Tariff 65	\$ 11.00
Single-phase (Tariff 66)	\$ 11.25
Three-phase (Tariff 67)	\$ 11.25

#### Demand Charge (per CP Billing kW per month)

Tariff 65	\$ 3.70
Single-phase (Tariff 66)	\$ 3.70
Three-phase (Tariff 67)	\$ 3.70

#### Energy Charge per kWh

Tariff 65 (First 400 kWh per kW of billing demand)	\$0.0850
Tariff 65 (Excess kWh over 400 kWh per kW of billing demand)	\$0.0650
Single-phase (Tariff 66)	\$0.0992
Three-phase (Tariff 67)	\$0.0992

#### Power Cost Adjustment

As Calculated

### Tariff 65 Qualification

Qualifying for Tariff 65 requires an average demand (kW) on a single meter to be 1500 kW or greater on a twelve (12) month rolling basis.

## Determination of NCP Billing Demand (kW)

The NCP Billing Demand shall be the maximum demand (kW) established by the Member for any period of fifteen (15) consecutive minutes during the month for which the bill is rendered as indicated or recorded by the demand meter and adjusted for power factor as provided below. However, in computing charges for electric service under this tariff, no bill for any month shall be based on less than sixty-five percent (65%) of the highest maximum demand established during the previous billing months of May through September.

## Determination of CP Billing Demand (kW)

The CP Billing Demand (kW) for each monthly billing period shall be equal to the average of the metered CP Demand kW during the previous months of June, July and August. The metered CP Demand during the months of June, July and August shall be the maximum demand (kW) established by the Member for any period of fifteen (15) consecutive minutes during the period between the hours of 3 p.m. and 8 p.m. as indicated or recorded by the demand meter and adjusted for power factor as provided below.

## Minimum Monthly Charge

The minimum monthly charge shall not be less than:

Tariff 65	\$125.00 per month
Tariff 66 – Single-phase	\$70.00 per month
Tariff 67 – Three-phase	\$77.50 per month

## Primary Service Discount – Tariffs 65 and 67

A discount of two percent (2%) shall be allowed for power delivered to the Member at distribution voltage when the following conditions are met:

- A service capacity requirement of 1 MW or greater; and
- The Member takes service at TCEC’s available distribution line voltage; and
- The Member installs, owns or leases, operates, and maintains all equipment on the Member’s side of the point of common coupling. The point of common coupling shall be the point of attachment to the distribution line of TCEC.
- See a complete overview of Primary Metered Service under Cooperative’s Service Obligations.

The discount applies only to the energy components of the tariff.

## Service Provisions

The point of common coupling shall be at the meter unless otherwise specified in a Facilities Extension Agreement. All wiring, underground or pole lines, and other electric equipment on the load side of the point of common coupling shall be owned and maintained by the Member.

## Billing Adjustments

Power Cost Adjustment (PCA-1), Carbon Tax Adjustment, Tax Adjustment(s) and Power Factor Adjustment

## Terms of Payment

The monthly bill shall be rendered at the above tariff. A late payment penalty of one-and-one-half percent (1.5%) shall be added to the monthly bill if not paid within twenty (20) days after the date of mailing.

## Large Power Service – Tariffs 25, 32, and 33

Tariffs 25, 32, and 33 for Large Power Service are available in all areas served by TCEC (oil and gas production-related services are excluded from these tariffs). Natural gas compression is included in these Large Power Service Tariffs. These accounts must be supplied at one point of common coupling and measured through one meter.

All large power accounts shall remain on the Large Power Service tariff for a minimum of twelve (12) months and eligibility shall be reviewed annually. Availability of Large Power Service is subject to the approval of TCEC.

### Qualification for tariffs 25, 32 and 33 shall be as follows:

Qualifying for Tariff 25 requires an average demand on a single meter to be 2500 kW or greater on a twelve (12) month rolling basis.

Qualifying for Tariffs 32 and 33 shall require an installed transformer capacity of 50 kVA or greater. TCEC reserves the right to group services from one transformer or bank of transformers and allocate the total transformer capacity based on each account's requirements. If this occurs, any nonresidential meter with a demand in excess of 50 kW in any twelve (12) month period shall be placed on the appropriate large power tariff.

### Protective Control Equipment

The Member shall install and maintain the devices necessary to adequately protect the Member's equipment and process during periods of abnormal service conditions or the failure of part or all of the service supply. Reverse phase relays, loss of phase relays, circuit breakers, or similar devices, are required for all multi-phase services to protect the installation in case of phase reversal or phase failure.

### Type of Service

Single-phase or three-phase, 60 Hertz, at available voltages.

### Monthly Tariff

#### Service Availability Charge

Primary Service (Tariff 25, 32)	\$125.00
Secondary Service (Tariff 25, 33)	\$125.00

#### Demand Charge (per kW of Billing Demand)

Tariff 25	\$10.00
Tariffs 32, 33	\$13.40

#### Energy Charge per kWh

Tariff 25 (First 400 kWh per kW of billing demand)	\$ .068
Tariff 25 (Excess kWh over 400 kWh per kW of billing demand)	\$ .043
Tariffs 32, 33	\$ .068



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**Power Cost Adjustment**

As Calculated

**Determination of Billing Demand (kW)**

The billing demand shall be the maximum demand (kW) established by the Member for any period of fifteen (15) consecutive minutes during the month for which the bill is rendered as indicated or recorded by the demand meter and adjusted for power factor as provided below. However, in computing charges for electric service under this tariff, no bill for any month shall be based on less than sixty-five percent (65%) of the highest maximum demand established during the previous billing months of May through September, but not less than 25kW for tariffs 32 and 33 and not less than 750 kW for tariff 25.

**Primary Service Discount – Tariffs 25 and 32**

A discount of two percent (2%) shall be allowed for power delivered to the Member at distribution voltage when the following conditions are met:

- A service capacity requirement of 1 MW or greater; and
- The Member takes service at TCEC's available distribution line voltage; and
- The Member installs, owns or leases, operates, and maintains all equipment on the Member's side of the point of common coupling. The point of common coupling shall be the point of attachment to the distribution line of TCEC.
- See a complete overview of Primary Metered Service under Cooperative's Service Obligations.

The discount applies only to the energy components of the tariff.

**Billing Adjustments**

Power Cost Adjustment (PCA-1), Carbon Tax Adjustment, Tax Adjustment(s), and Power Factor Adjustment

**Terms of Payment**

The monthly bill shall be rendered at the above tariff. A late payment penalty of one-and-one-half percent (1.5%) shall be added to the monthly bill if not paid within twenty (20) days of the date of mailing.

## Large Power Service Time of Use – Tariffs 26, 34, and 35 (Pilot)

Tariffs 26, 34, and 35 for Large Power Service are available in all areas served by TCEC as a pilot (oil and gas production-related services are excluded from these tariffs). Natural gas compression is included in these Large Power Service Tariffs. These accounts must be supplied at one point of common coupling and measured through one meter.

All large power accounts shall remain on the Large Power Service tariff for a minimum of twelve (12) months and eligibility shall be reviewed annually. Availability of Large Power Service is subject to the approval of TCEC.

### Qualification for tariffs 26, 34 and 35 shall be as follows:

Qualifying for Tariff 26 requires an average demand on a single meter to be 2500 kW or greater on a twelve (12) month rolling basis.

Qualifying for Tariffs 34 and 35 shall require an installed transformer capacity of 50 kVA or greater. TCEC reserves the right to group services from one transformer or bank of transformers and allocate the total transformer capacity based on each account's requirements. If this occurs, any nonresidential meter with a demand in excess of 50 kW in any twelve (12) month period shall be placed on the appropriate large power tariff.

### Protective Control Equipment

The Member shall install and maintain the devices necessary to adequately protect the Member's equipment and process during periods of abnormal service conditions or the failure of part or all of the service supply. Reverse phase relays, loss of phase relays, circuit breakers, or similar devices, are required for all multi-phase services to protect the installation in case of phase reversal or phase failure.

### Type of Service

Single-phase or three-phase, 60 Hertz, at available voltages.

### Monthly Tariff

#### Service Availability Charge

Primary Service (Tariff 26, 34)	\$125.00
Secondary Service (Tariff 26, 35)	\$125.00

#### Demand Charge (per NCP kW of Billing Demand)

Tariff 26	\$6.00
Tariffs 34, 35	\$9.40

#### Demand Charge (per CP kW of Billing Demand)

Tariff 26	\$5.70
Tariffs 34, 35	\$5.70

#### Energy Charge per kWh

Tariff 26 (First 400 kWh per kW of billing demand)	\$ .068
Tariff 26 (Excess kWh over 400 kWh per kW of billing demand)	\$ .043
Tariffs 34, 35	\$ .068

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**Power Cost Adjustment**

As Calculated

**Determination of NCP Billing Demand (kW)**

The NCP Billing Demand shall be the maximum demand (kW) established by the Member for any period of fifteen (15) consecutive minutes during the month for which the bill is rendered as indicated or recorded by the demand meter and adjusted for power factor as provided below. However, in computing charges for electric service under this tariff, no bill for any month shall be based on less than sixty-five percent (65%) of the highest maximum demand established during the previous billing months of May through September, but not less than 25kW for tariffs 34 and 35 and not less than 750 kW for tariff 26.

**Determination of CP Billing Demand (kW)**

The CP Billing Demand (kW) for each monthly billing period shall be equal to the average of the metered CP Demand kW during the previous months of June, July, and August. The metered CP Demand during the months of June, July, and August shall be the maximum demand (kW) established by the Member for any period of fifteen (15) consecutive minutes during the period between the hours of 3 p.m. and 8 p.m. as indicated or recorded by the demand meter and adjusted for power factor as provided below.

**Primary Service Discount – Tariffs 26 and 34**

A discount of two percent (2%) shall be allowed for power delivered to the Member at distribution voltage when the following conditions are met:

- A service capacity requirement of 1 MW or greater; and
- The Member takes service at TCEC's available distribution line voltage; and
- The Member installs, owns, or leases, operates, and maintains all equipment on the Member's side of the point of common coupling. The point of common coupling shall be the point of attachment to the distribution line of TCEC.
- See a complete overview of Primary Metered Service under Cooperative's Service Obligations.

The discount applies only to the energy components of the tariff.

**Billing Adjustments**

Power Cost Adjustment (PCA-1), Carbon Tax Adjustment, Tax Adjustment(s), and Power Factor Adjustment

**Terms of Payment**

The monthly bill shall be rendered at the above tariff. A late payment penalty of one-and-one-half percent (1.5%) shall be added to the monthly bill if not paid within twenty (20) days of the date of mailing.

**Athletic Field Lighting Service – Tariffs 42 and 43**

Tariffs 42 and 43 are available for lighting of athletic fields during the period from dusk to dawn when service is metered separately. These accounts must be supplied at one point of common coupling and measured through one meter.

**Protective Control Equipment**

The Member shall install and maintain the devices necessary to adequately protect the Member’s equipment and process during periods of abnormal service conditions or the failure of part or all of the service supply. Reverse phase relays, loss of phase relays, circuit breakers, or similar devices, are required for all multi-phase services to protect the installation in case of phase reversal or phase failure.

**Type of Service**

Single-phase and three-phase, 60 Hertz, at available secondary voltages.

**Monthly Tariff**

**Service Availability Charge**

Single-phase (Tariff 42)	\$22.50
Three-phase (Tariff 43)	\$30.00

**Energy Charge: per kWh** \$0.0743

**Power Cost Adjustment** As Calculated

**Minimum Monthly Charge**

The minimum monthly charge shall be the Service Availability Charge.

**Billing Adjustments**

Power Cost Adjustment (PCA-1), Carbon Tax Adjustment, Tax Adjustment(s), and Power Factor Adjustment

**Terms of Payment**

The monthly bill shall be rendered at the above tariff. A late payment penalty of one-and-a-half percent (1.5%) shall be added to the monthly bill if not paid within twenty (20) days after the date of mailing.

**Facilities Charge**

For all facilities provided by the Cooperative on the Member’s side of the meter, the Member shall pay a monthly facilities charge based on the cost of the facilities and the cooperatives cost of financing over an agreed upon time of recovery. The terms of the facilities charge shall be included in a separate contract for service agreement.

**Operations and Maintenance Costs**

The cooperative may provide operations and maintenance service on the Member’s facilities upon request from the Member. All costs for labor and material incurred by the cooperative associated with this service shall be billed directly to the Member as a separate charge.

## Outdoor Lighting Services<sup>1</sup> – Tariff 76

Outdoor lighting services are available in all areas. Outdoor lighting services are available to all Members for illumination in close proximity to existing overhead distribution or service facilities with adequate capacity and suitable voltage.

### Type of Service

Single-Phase, 60 Hertz, at available secondary voltage of 120/240 volts.

### Monthly Tariff

#### LED (Light-Emitting Diode)

100 Watt (type 10)	\$ 10.63
250 Watt (type 11)	\$ 16.35
400 Watt (type 09)	\$ 17.71

#### Mercury Vapor and High-Pressure Sodium Lights

100 Watt (type 2)	\$ 10.63
150 Watt (type 3)	\$ 10.63
175 Watt (type 4)	\$ 10.63
250 Watt (type 5)	\$ 16.35
400 Watt (type 6)	\$ 17.71

#### Additional Pole Charge

Wood Pole (type 20)	\$ 4.36
Metal Pole (type 21)	\$ 6.54

#### Power Cost Adjustment

As Calculated

### Conditions of Service

Outdoor lighting operates from approximately one-half hour after sunset to approximately one-half hour before sunrise.

The monthly charge per type of light shall be increased or decreased based on the kWh usage type of light as listed in this tariff.

The Member shall be responsible for reporting any outdoor lighting that is not working properly. TCEC shall make repairs during regular working hours within a reasonable time.

When the Member designates the location for an outdoor light, the Member shall hold TCEC harmless for any damages incurred due to installation of said light.

Normal construction for outdoor lighting services use overhead construction. Any Member desiring an underground electrical service to outdoor lighting shall pay the costs above those estimated for overhead electrical service. TCEC shall not install or maintain outdoor lighting purchased by the Member.

<sup>1</sup> Mercury Vapor, High-Pressure Sodium and Metal Halide Outdoor Lights are no longer available for new installations. Existing Mercury Vapor, High-Pressure Sodium and Metal Halide Outdoor Lights will be phased out over time. All future and replacement outdoor lights shall be limited to 100 and 250 Watt Light-Emitting Diode (LED) lights.

**Power Cost Adjustment**

The Power Cost Adjustment (PCA-1) shall be applied based on LED, Mercury Vapor, High-Pressure Sodium, and Metal Halide Lights.

**LED (Light-Emitting Diode)**

16 kWh per 100 Watt (10)

50 kWh per 250 Watt (11)

80 kWh per 400 Watt (09)

**Mercury Vapor and High-Pressure Sodium Lights**

50 kWh per 100 Watt (type 2)

75 kWh per 150 Watt (type 3)

87 kWh per 175 Watt (type 4)

125 kWh per 250 Watt (type 5)

200 kWh per 400 Watt (type 6)

**Billing Adjustments**

Power Cost Adjustment (PCA-1), Carbon Tax Adjustment, and Tax Adjustment(s)

**Terms of Payment**

The monthly bill shall be rendered at the above tariff. A late payment penalty of one-and-one-half percent (1.5%) shall be added to the monthly bill if not paid within twenty (20) days of the date of mailing.

## Metered Outdoor Lighting Service – Tariff 77

Metered Outdoor Lighting Service is available in all areas. Metered Outdoor Lighting Service is available to all residential and general service Members for illumination in close proximity to existing metered service facilities with adequate capacity and suitable voltage. The Metered Outdoor Lighting Service is for TCEC-provided Light-Emitting Diode (LED) lights installed on the member's side of the meter on a TCEC-owned pole. These lights will remain the property of TCEC and will be maintained by TCEC.

Members with Mercury Vapor, High-Pressure Sodium or Metal Halide Security Lights, can request to be moved to the Metered Outdoor Lighting Service. Once the request is received, TCEC personnel will retire any existing Mercury Vapor, High-Pressure Sodium or Metal Halide Security Light(s) and install an LED light.

### Type of Service

Single-Phase, 60 Hertz, at available secondary voltage of 120/240 volts.

### Monthly Tariff

<b>50 – 400 Watt HPS and LED Lights (type 12)</b>	\$1.60
<b>150 – 400 Watt Metal Halide Lights (type 13)</b>	\$5.55

### Additional Pole Charge

Wood Pole (type 20)	\$4.36
Metal Pole (type 21)	\$6.54

### Power Cost Adjustment

Included in the metered energy as calculated

### Conditions of Service

Outdoor lights operate from approximately one-half hour after sunset to approximately one-half hour before sunrise.

The monthly charge per type of light shall be increased or decreased based on the kWh usage type of light as listed in this tariff.

The Member shall be responsible for reporting any security light that is not working properly. TCEC shall make repairs during regular working hours within a reasonable time.

When the Member designates the location for an outdoor light, the Member shall hold TCEC harmless for any damages incurred due to installation of said light.

Normal construction for outdoor lighting service uses overhead construction. Any Member desiring an underground electrical service to outdoor lighting shall pay the costs above those estimated for overhead electrical service. TCEC shall not install or maintain outdoor lighting purchased by the Member.

### Power Cost Adjustment

Since the Metered Outdoor Light is on the member's side of the meter the energy used by the Metered Outdoor Light is part of the energy used by the member and the Power Cost Adjustment (PCA-1) is applied to the energy use shown for the account.

## Terms of Payment

The monthly bill shall be rendered at the above tariff. A late payment penalty of one-and-one-half percent (1.5%) shall be added to the monthly bill if not paid within twenty (20) days of the date of mailing.



## Public Street Lighting Service<sup>2</sup> – Tariff 70

Public Street Lighting Service is available to public entities in areas within the limits of cities/towns served by TCEC. A public entity is defined as a state or local government department or agency.

### Type of Service

Single-Phase, 60 Hertz, at available secondary voltage of 120/240 volts.

### Monthly Tariff

#### LED (Light-Emitting Diode)

100 Watt (type 38)	\$ 10.24
250 Watt (type 39)	\$ 15.75
400 Watt (type 37)	\$ 17.06

#### Mercury Vapor and High-Pressure Sodium Lights

50 Watt (type 40)	\$ 10.24
100 Watt (type 41) - no longer available	\$ 10.24
150 Watt (type 42)	\$ 10.24
175 Watt (type 43) - no longer available	\$ 10.24
250 Watt (type 44)	\$ 15.75
400 Watt (type 45)	\$ 17.06

#### Metal Halide Lights

150 Watt (type 47)	\$ 15.75
400 Watt (type 49)	\$ 23.63

#### Additional Pole Charge

Wood Pole (type 50)	\$ 4.20
Metal Highway Lighting Pole (type 51)	\$ 6.30
Decorative Poles (See also: Contribution to Construction):	
Initial Capital Cost between \$800/pole and \$2,000/pole (type 53)	\$ 6.30
Initial Capital Cost more than \$2,000/pole (type 54)	\$ 8.40

#### Power Cost Adjustment

As Calculated

### Conditions of Service

Public Street Lighting Service lights operate from approximately one-half hour after sunset to approximately one-half hour before sunrise.

TCEC shall install, own, operate, and maintain the street lighting system. If, for any reason, TCEC is unable to continue service of particular equipment, such equipment, at the option of City, shall be removed or replaced by TCEC with currently available equipment. If replaced, the City shall pay the appropriate tariff for new equipment.

<sup>2</sup> Mercury Vapor, High-Pressure Sodium and Metal Halide Public Street Lights are no longer available for new installations. Existing Mercury Vapor, High-Pressure Sodium and Metal Halide Public Street Lights will be phased out over time. All future and replacement Public Street light shall be limited to 250 Watt Light-Emitting Diode (LED) lights.

The monthly charge per type of light shall be increased or decreased based on the kWh usage type of light as listed in this tariff.

The foregoing tariffs include TCEC providing the electric energy necessary to operate the street lighting system, the replacement of lamps, and normal maintenance of fixtures, wires, transformers and all other component parts of the street lighting systems as such becomes necessary.

In the event maintenance (i.e., lamp and glassware replacements) becomes excessive due to vandalism or similar causes, TCEC shall notify City and City shall exert whatever means at its disposal to reduce the cause of the additional maintenance. If such vandalism persists, TCEC reserves the right to remove street lights.

Street lighting may be available as underground service if deemed feasible solely at the determination of TCEC.

### **Power Cost Adjustment**

The Power Cost Adjustment (PCA-1) shall be applied based on LED, Mercury Vapor Light, High-Pressure Sodium Light, and Metal Halide Light.

#### **LED (Light-Emitting Diode)**

16 kWh per 100 Watt (type 38)

50 kWh per 250 Watt (type 39)

80 kWh per 400 Watt (type 37)

#### **Mercury Vapor, High-Pressure Sodium and Metal Halide Lights**

25 kWh per 50 Watt (type 40)

50 kWh per 100 Watt (type 41)

75 kWh per 150 Watt (type 42 and type 47)

87 kWh per 175 Watt (type 43)

125 kWh per 250 Watt (type 44)

200 kWh per 400 Watt (type 45 and type 49)

500 kWh per 1,000 Watt (type 46)

### **Billing Adjustments**

Power Cost Adjustment (PCA-1), Carbon Tax Adjustment and Tax Adjustment(s)

### **Terms of Payment**

The monthly bill shall be rendered at the above tariff. A late payment penalty of one-and-one-half percent (1.5%) shall be added to the monthly bill if not paid within twenty (20) days after the date of mailing.

## Traffic Signal Service – Tariff 78

Traffic Signal Service is available to public entities in areas served by TCEC. A public entity is defined as a state, county or local government department or agency.

### Type of Service

Single-Phase, 60 Hertz, at available secondary voltage of 120/240 volts.

### Monthly Tariff

#### Single Flashing Signal Incandescent

60 Watt with 8 bulbs per intersection (type 66)	\$ 46.00
60 Watt with 10 bulbs per intersection (type 67)	\$ 51.00

#### Three Bulb Signal LED (Light-Emitting Diode)

10 Watt with 8 bulbs per intersection (type 68)	\$ 32.00
10 Watt with 10 bulbs per intersection (type 69)	\$ 34.00
10 Watt with 11 bulbs per intersection (type 70)	\$ 35.00
10 Watt with 12 bulbs per intersection (type 71)	\$ 36.00
10 Watt with 16 bulbs per intersection (type 72)	\$ 39.00
10 Watt with 18 bulbs per intersection (type 73)	\$ 41.00
10 Watt with 26 bulbs per intersection (type 74)	\$ 48.00

#### Power Cost Adjustment

As Calculated

### Conditions of Service

Traffic signals are owned and maintained by the Member.

### Power Cost Adjustment

#### Single Flashing Signal Incandescent

22 kWh per 60 Watt bulb (type 66 and type 67)

#### Three Bulb Signal LED (Light-Emitting Diode)

7 kWh per 10 Watt bulb (types 68, 69, 70, 71, 72, 73, 74)

### Billing Adjustments

Power Cost Adjustment (PCA-1), Carbon Tax Adjustment and Tax Adjustment(s)

### Terms of Payment

The monthly bill shall be rendered at the above tariff. A late payment penalty of one-and-one-half percent (1.5%) shall be added to the monthly bill if not paid within twenty (20) days after the date of mailing.

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## **Auxiliary Wind Farm Service – Tariff 91**

Auxiliary Wind Farm Service is retail service provided by the Cooperative without the use of Cooperative owned facilities.

Wind farm member shall install a revenue meter at the wind farm facility and shall provide to Golden Spread Electric Cooperative, Inc. (“Golden Spread”) a port on that meter such that Golden Spread, on behalf of TCEC and at its own expense, may install communication equipment, such as radios or equivalent communication that satisfy the data transfer needs, capable of accessing the real-time data for the wind farm’s net load. To the extent permitted by applicable laws and regulations, the wind farm shall grant Golden Spread a license to access the meter to install, operate and maintain the radio and associated equipment and any necessary easements to reach the communication equipment, such as radios or equivalent communication that satisfy the data transfer needs.

Availability of Auxiliary Wind Farm Service is subject to the approval of the Cooperative.

### **Monthly Tariff**

**Service Availability Charge:** \$950.00/Month

### **Minimum Monthly Charge**

The minimum monthly charge shall be:

Auxiliary Wind Farm Service – Tariff 91 \$950.00/Month

### **Direct Pass Through from Wholesale Provider**

#### **Power Supply**

Production Demand Charge	As calculated by wholesale provider
Production Energy Charge	As calculated by wholesale provider
Fuel and Purchased Power	As calculated by wholesale provider

#### **Transmission**

Network Transmission Charge	As calculated by wholesale provider
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### **Terms of Payment**

The monthly bill shall be rendered at the above tariff. A late payment penalty of one-and-one-half percent (1.5%) shall be added to the monthly bill if it is not paid within twenty (20) days of the date of mailing.

## **Renewable Energy Option – Rider R**

TCEC members have the option of participating in a voluntary Renewable Energy Program. One hundred percent of the electricity supplied comes from renewable solar or wind sources.

TCEC gets their renewable energy for this program from its power supplier, Golden Spread Electric Cooperative (GSEC) and the Purchase Power Agreement (PPA) contract with Enel North America.

The Renewable Energy Program is a voluntary program, open to all TCEC accounts, and has a contract requirement.

The Renewable Energy Tariff (“Rider R”) is in addition to any charges the member currently sees on their bill. Rider R would apply to 100 percent of the energy consumption of a member’s account.

Currently Rider R is equal to \$0.010 per kWh. The Cooperative may change the Rider R once per calendar year depending on market conditions for the purchase and retirement of Renewable Energy Certificates.

A Renewable Energy Credit (REC) is created when an authorized renewable generator generates 1 MWh (1,000 kWh) of energy. There is a market for sale and retirement of RECs created to assist in the encouragement of the development, construction and operation of renewable energy resources. Participants taking service under the Renewable Energy Option are entitled to the RECs associated with the renewable energy purchased. RECs will be provided to the participating member upon request on an annual basis. TCEC will not sell, purchase or otherwise manage RECs on behalf of the member.

If a member decides to sign up and then wants to quit participating in the Renewable Energy Program, they may terminate billing under this Rider R by giving the Cooperative at least thirty (30) days prior notice. After receiving such notice, the Cooperative will terminate billing under this Rider effective with, or prior to, the member’s next meter read date. The Cooperative reserves the right to terminate this Rider or revise the pricing or minimum purchase amount of the Rider after giving sixty (60) days prior notice.

If a member does not want to participate in the Renewable Energy Program, their service is not affected. The Renewable Energy Program is voluntary and Rider R, if chosen, is in addition to the applicable tariff schedule. Rider R will apply to 100 percent of the member’s energy consumption under the applicable tariff schedule for a specific member account. If the member chooses not to participate, no change will be made to the service and charges the member is currently receiving.

The member shall be required to execute the Agreement for Electric Service Backed 100% by Renewable Energy Certificates. (Attached as Appendix B.)

## **Distributed Generation Program**

### **Availability**

Distributed Generation service is available to all members of TCEC meeting the following eligibility requirements:

1. The member Distributed Generation Facility must be powered by wind, solar or biomass;
2. The member Distributed Generation Facility must have a tariffed capacity that does not exceed the Cooperative's service capacity to the member. The size of the Distributed Generation shall be no less than 1 kW and no greater than 300 kW;
3. The Distributed Generation Facility must be owned by a member of TCEC;
4. The Distributed Generation Facility must be connected on the member's side of the TCEC retail meter (no direct connection to the TCEC distribution facilities is permitted);
5. The member must operate the Distributed Generation Facility in a manner that the TCEC system is not adversely impacted with respect to reliability, quality of service, ability to serve other members, impact on distribution facilities and safety of the public.
6. The member shall be responsible for the costs of protective equipment or other facilities required by TCEC to serve the Member's load with the Distributed Generation Facility and shall be paid in advance of construction; and
7. The member shall be required to execute the Agreement for Interconnection and Parallel Operation for Distributed Generation. (Attached as Appendix A.)

Members with a Distributed Generation Facility connected prior to June 1, 2017 shall continue to be served under the existing agreement until June 1, 2029 or until service is terminated or transferred to new ownership, at which time, the provisions of this Distributed Generation Program will become applicable.

### **Metering**

Metering installed for the service provided under this tariff shall be capable of registering and accumulating the kilowatt-hours (kWh) of electricity flowing in both directions in a billing period.

### **Monthly Billing**

The electric energy generated by the member's Distributed Generation Facility may be used to offset the member's energy requirements at the time of generation.

The energy (kWh) supplied by the Cooperative to the member during the billing period, shall be billed by the Cooperative in accordance with the tariffs and charges under the member's Standard Tariff Schedule.

The energy (kWh) generated by the member's Distributed Generation Facility and delivered back to the Cooperative shall be credited to the member during the billing period at the Cooperative's Avoided Cost. The Cooperative's Avoided Cost shall be defined as the monthly locational marginal price of energy for the regional location provided by TCEC's wholesale power provider.

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**Power Cost Adjustment – PCA-1**

The tariffs (except Tariffs 45, 46, 47, [48](#), and any special agreements) shall be increased or decreased by the amount, in cents or fraction thereof, by which the average cost of power per kilowatt-hour (kWh) purchased was paid to wholesale power suppliers during the previous month exceeds or is less than 5.2594 cents per kWh. The power cost adjustment (PCA) shall be calculated in accordance with the following formula:

**Formula**            **PCA = A x (1/ (1 - B)) + C**

Where:

PCA = Power cost adjustment to be made per kilowatt-hour (kWh) billed.

A = The amount (in cents, or fraction thereof) by which the average cost of wholesale power per kWh purchased (excluding accounts on Industrial Power Service tariffs and any special contracts) paid to wholesale power suppliers during the previous month preceding the end of the billing period for which kilowatt-hour (kWh) usage billed exceeds or is less than 5.2594 cents per kilowatt-hour (kWh).

B = The twelve (12) month average percentage of power losses expressed decimally (excluding accounts on Industrial Power Service tariffs and any special contracts) ending with the previous month.

C = An amount in cents per kilowatt-hour (kWh) sold, or fraction thereof, which reflects the periodic over or under recovery of power cost adjustment revenue from previous periods that TCEC is entitled to recover under this section of the Tariffs.

Circumstances beyond the control of TCEC may arise that prevent the calculation of the adjustment for the cost of purchased power before the first billing of the month. In those instances, TCEC shall use the adjustment from the prior month's cost of purchased power for all of the current month's billings. A calculation shall be made the following month to the adjustment for the cost of purchased power to correct the previous month's billings.

**Power Cost Adjustment – PCA-2**

PCA-2 will be the Wholesale Power Cost (including energy, demand, ancillary services, transmission service and any other costs) adjusted for the applicable losses to serve the load.

PCA-2 is only used on Tariffs, 47, 48 and 91, and any special agreements.



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## **COMMUNITY SOLAR PROGRAM – TARIFF 110, 111, 112, 113, 132 & 133**

### **Availability**

The Community Solar Program (Solar Array) is available on a voluntary basis to metered Residential Service Members who enter into a Community Solar Program Agreement with TCEC.

### **Description**

The Solar Array is a one-megawatt (1 MW) solar facility located adjacent to the cooperative headquarters in Hooker, Oklahoma. Members may purchase subscriptions of the Solar Array that entitle the Member to the output of the facility equal to 0.026% per share of the total production of the Solar Array on a monthly basis and a monthly Subscription Credit as described below. Total subscriptions available for purchase from this Solar Array are limited to 3,840 shares.

### **Purchase Price per Subscription**

The initial Purchase Price per Subscription effective through January 2017 is \$340.00, thereafter the Purchase Price per subscription will be reduced by 4% each calendar year.

### **Limited Purchase Quantity**

The energy produced by the Member's purchased shares shall not exceed 75% of the total annual energy usage of the participating account.

### **Term**

Each subscription shall be active after the enrollment period set forth by TCEC for a Term ending February 2041 or until terminated pursuant to the terms of the Community Solar Program Agreement.

### **Subscription Credit – Tariffs 110, 111, 112, 113, 132 & 133**

During each monthly billing period, a Subscription Credit will be provided to the Member based on the actual energy produced by the Member's purchased subscription multiplied by an Energy Tariff Credit Factor (ERCF) per kWh shown below. The Subscription Credit shall be calculated as follows:

$$\text{Subscription Credit} = A * B * C$$

Where,

A = Total energy output of the entire solar array facility for the prior month, as measured by appropriate metering devices, divided by the total panels operating during the prior month

B = Energy Tariff Credit Factor in \$/kWh

C = The number of panel subscriptions purchased by the Member

Tariff 110 - Single-Phase Residential Service Solar;

Tariff 111 - Three-Phase Residential Service Solar;

Tariff 112 - Single Phase General Service Solar;

Tariff 113 - Three Phase General Service Solar;

Tariff 132 - Single-Phase Large Power Service Solar; and

Tariff 133 - Three Phase Large Power Primary Service Discount Solar.

In the event that the credit for subscription ownership surpasses consumption of an assigned account, the credit will be carried forward to Member's subsequent bills for the account. If at the end of the calendar year credits from subscriptions remain, the credits will become property of TCEC.

### **Energy Tariff Credit Factor**

The Energy Tariff Credit Factor is calculated annually using the following formula. The initial ERCF is \$0.05 per kWh.

#### **Energy Tariff Credit Factor Formula**

$$\text{ERCF } (\$/\text{kWh}) = \text{PRC} * (1 + (\text{AWC} * \text{PCP}))$$

Where:

PRC = Prior year energy tariff credit in \$/kWh

AWC = Average Wholesale Cost Compound Growth Tariff. The compound tariff of growth in the Average Wholesale Cost per kWh for the previous five years calculated using data from TCEC's annual Form 7 report.

PCP = Wholesale Power Cost as a percent of Operating Revenue. The sum of the previous five years' wholesale power cost divided by the sum of the previous five years' operating revenue calculated using data from TCEC's Form 7.

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## MISCELLANEOUS SERVICE CHARGES

The service charges listed below are applicable to all Members and are in addition to any other charges made under TCEC's tariffs for electric service.

### **Trip Charge**

A charge of \$250 per occurrence shall be charged for the Service Calls, Service Connections and Return Trips during regular working hours as described below. Reasonable efforts will be made to advise the Member about the appropriate service call fees before the service call begins:

- A. For interruptions caused by the Member's willful act of omission, negligence, or failure of Member-owned equipment, even though TCEC is unable to work beyond the point of delivery.
- B. For reconnection of electric service to any Member due to previously unlawful use of service, misrepresentation to TCEC, unsafe conditions, threats to Cooperative personnel or property, failure to permit access, detrimental effects of Member loads on TCEC System, failure to establish credit and/or sign an agreement for service, reconnection for failure to pay or any other reason authorizing TCEC to make such disconnections, per trip.
- C. For response to a power interruption call where it is determined that the Member's equipment is at fault and there is electricity at the point of delivery.
- D. Replacing meter seal that has been cut or otherwise tampered. TCEC is aware that electricians occasionally need the meter seal removed to safely perform work on the member's side of the meter. TCEC will inform by letter local licensed electricians once each year of the need to contact TCEC before removing the meter seal. TCEC will have its personnel remove the meter seal as soon as possible. If an electrician chooses to remove the meter seal, TCEC is not liable for any personal injury or damages that may occur. TCEC shall inform members once each year to not remove the meter seal and the costs of doing so.
- E. In the event of a member calling multiple times and either requesting a check service or an outage that is actually on the member side beyond our service disconnect and they have been notified that they will be charged a fee.

### **Clearance for House, Structure or Equipment Moving**

When a house, structure, or equipment is to be moved along roadways over which TCEC's electric wires are strung, TCEC shall be advised of the route a minimum of forty-eight (48) hours in advance.

Under no circumstances shall anyone other than authorized employees or agents of TCEC remove, cut, raise, or handle any electric wires.

The actual cost of checking route, removing, raising, lowering, cutting, or otherwise handling electric wires or other equipment shall be paid by the party moving the house, structure, or equipment.

An estimated cost shall be collected in advance if TCEC does not have an existing relationship with the party moving the house, structure, or equipment; or if the party moving the house, structure, or equipment has failed to pay for a previous move.

**Collection Charge**

When an account becomes subject to termination for non-payment of any or all portions of a bill for electric service, a Collection Charge of seventy-five dollars (\$75.00) per meter shall be assessed whether TCEC has taken action or not. The Collection Charge is assessed to cover a portion of the handling required because of the delinquency of the account during normal business hours. If handling is required after normal business hours see After-Hours Connection Charge.

Members taking residential service who have been disconnected for non-payment and elect to reconnect under the Pay As You Go program will not be assessed a Collection Charge.

**Insufficient Funds Charge**

An Insufficient Funds Charge is made when a check or other negotiable instrument has been dishonored and returned to TCEC. Insufficient Funds Charge shall be thirty dollars (\$30.00) per instrument.

**Meter Testing Fee**

First meter test request by a Member shall be free. The second meter test request by the Member within five (5) years shall be \$500.00, paid in advance. The Meter Test Fee shall be refunded if meter is found to be in error of an amount greater than plus or minus two percent ( $\pm 2\%$ ).

**Multi-Residences served by a Single Meter**

Where multiple Residences are served through one meter, a charge equal to the number of additional houses/apartments times the Service Availability Charge shall be added to the monthly bill for each additional Residence. The Service Availability Charge used to determine the charge shall be the applicable residential tariff.

**Pole Attachment Fee**

Pole Attachment Fee shall be six dollars and eighty-seven cents (\$6.87) per year/per pole/per organization. Pole Attachment Fee shall be billed in arrears in December of each year.

**Temporary Clearance**

If a water well, equipment, elevator or other facility requires temporary clearance from electric lines for repair or construction, TCEC shall be advised of the need for providing clearance of wires a minimum of forty-eight (48) hours in advance.

Under no circumstances shall anyone other than authorized employees or agents of TCEC remove, cut, raise, or handle any electric wires.

The actual cost of removing, raising, lowering, cutting or otherwise handling electric wires or other equipment shall be paid by the party requesting the temporary clearance. An estimated cost may be collected in advance if TCEC does not have an existing relationship with the party requesting the temporary clearance; or if the party requesting the temporary clearance failed to pay on a previous clearance.

**Relocation of Facilities Charge**

Relocation of Facilities Charge is made when the Member requests the relocation of facilities for the benefit of the Member. Relocation of Facilities Charge shall be the estimated cost of the relocation. One-hundred percent (100%) of the Relocation of Facilities Charge shall be paid in advance.

**Restoration of Tampered Service**

A Member who tampers with a meter, other device, or has prevented, by any means, energy, and/or capacity from being recorded by the meter shall be charged a minimum of one trip charge. Additional trip charges may be incurred for multiple visits to the location. In addition, the Member shall pay expenses for damage, replacement, destruction of, or misuse of TCEC equipment plus the appropriate tariff for energy and/or capacity not recorded by the meter. Additionally, the Member may be required to pay an additional Security Deposit.

**Temporary Disconnect Charge**

The Temporary Disconnect Charge applies to accounts where the same Member reconnects an account at the same location that was disconnected for less than twelve (12) months. The Temporary Disconnect Fee shall be as follows for each type of service received by member:

Residential Service	\$250.00
General Service	\$250.00
Irrigation Service	\$1,000.00
Oil and/or Natural Gas Service	\$1,500.00
Large Power Service	\$3,000.00
Industrial Service	\$25,000.00
Wind Farm	\$25,000.00

**APPENDIX A**  
**AGREEMENT FOR INTERCONNECTION AND PARALLEL OPERATION**  
**OF DISTRIBUTED GENERATION**

This Agreement made and entered into this \_\_\_\_\_ day of \_\_\_\_\_(month), 20\_\_\_\_(year), by and between:

**Tri-County Electric Cooperative, Inc.**, hereinafter called "TCEC,"

And \_\_\_\_\_, hereinafter called "Member."

*Witnesseth:*

- 1) Member desires to interconnect an electric power generator to Member's electrical service via an indirect connection to TCEC's distribution facilities.
- 2) TCEC does not allow a direct connection to its distribution facilities.
- 3) Each of the parties desire to operate the interconnection in a way that ensures the safety of the public, the parties and the employees and facilities of the parties.

*In consideration of the mutual covenants of TCEC and Member (the parties), the parties agree as follows:*

**Section One: Tariffs**

The section of the Tariffs of TCEC entitled "Distributed Generation" is incorporated as if copied and recited herein. The parties recognize that the Rules and Regulations of Service and Tariffs are subject to modification and change. This agreement shall be subject to such modification or change effective as of the date of the approval of such modification or change.

**Section Two: Location**

Member desires to indirectly connect to distribution facilities of TCEC at the following location:

Insert a description of the location and the Member account:

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**Section Three: Term**

This Agreement is ongoing with no expiration and can be terminated by either party upon 60 days written notice.

**Section Four: Change of Law, Regulatory Requirements, Tariffs or Rules and Regulations of Service**

The parties agree that in the event of a change of law, regulatory requirement, TCEC Rules and Regulations of Service or the Distributed Generation set out in TCEC's Tariffs, they will negotiate in good faith to amend this Agreement to reflect the change(s).

TCEC SHALL HAVE THE RIGHT TO TERMINATE THIS AGREEMENT UPON TEN (10) DAYS WRITTEN NOTICE TO MEMBER IN THE EVENT THE PARTIES FAIL TO AMEND THIS AGREEMENT FOR A

PERIOD OF THIRTY (30) DAYS TO REFLECT ANY APPLICABLE CHANGE OF LAW, REGULATORY REQUIREMENT OR THE DISTRIBUTED GENERATION OF TCEC.

## **Section Five: Installation**

Member's electric power generation facility shall be installed in accordance with all applicable laws, codes, tariffs and rules and regulations.

Member shall provide all reasonably requested information concerning Member's facilities and take or refrain from taking actions as TCEC may request or as may be necessary or appropriate in order to achieve the purposes of this Agreement or to carry out the transaction contemplated hereby.

## **Section Six: Metering**

Metering installed for the facility of Member shall be capable of registering and accumulating the kilowatt-hours (kWh) flowing from the Member to TCEC and from TCEC to Member for each billing period.

## **Section Seven: Maintenance Outages**

Outages on TCEC's system are occasionally required for maintenance purposes. TCEC will provide as much notice to Member as practically feasible under the circumstances requiring the maintenance. It is recognized that in some emergency situations, notice of the outage to Member may not be possible.

Member will not be entitled to compensation for the lack of availability of TCEC's facilities.

## **Section Eight: Access**

Member grants TCEC access to Member's site for maintenance and operations. TCEC has the right, but not the obligation, to inspect Member's facilities. TCEC shall have the right to disconnect/isolate Member in the event that it is TCEC's determination that Member's facilities pose a risk to the general public, the Member, employees of TCEC or the facilities of TCEC.

## **Section Nine: Authorization**

Each party to this Agreement will obtain any required federal, state or local governmental authorization, approval, order, license, permit, franchise or consent, if any, and any registration, declaration or filing with any government authority in connection with this Agreement and the facilities covered herein.

## **Section Ten: Indemnification**

Member shall defend, hold harmless and indemnify TCEC, its authorized agents, wholesale power providers, respective employees, officers and trustees from and against all claims, demands, losses or damages, costs or expenses (including reasonable attorneys' fees and other expenses incident thereto) on account of damage to any third-party property or injury including death, to any persons (including any employee of TCEC) that arises from implementation or operation of the distributed generation of Member.

## **Section Eleven: Limitation of Liability**

Member releases TCEC, its authorized agents, wholesale power suppliers, and other Members from any liability, whether direct, indirect or consequential to the implementation or operation of the Member's generating unit.

## **Section Twelve: Modification**

This Agreement shall only be modified by a writing signed by all parties.

**Section Thirteen: Assignability**

This Agreement is not assignable by either party hereto without the written consent of the other party.

**Tri-County Electric Cooperative, Inc.**

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

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Member**

\_\_\_\_\_



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## APPLICATION FOR OPERATION OF MEMBER-OWNED GENERATION

This application should be completed as soon as possible and returned to TCEC (the "Cooperative") in order to begin processing the request.

INFORMATION: This application is used by the Cooperative to determine the required equipment configuration for the Member interface. Every effort should be made to supply as much information as possible.

### Member Information

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Zip Code: \_\_\_\_\_

Phone Number: \_\_\_\_\_

### Type of Generator (check one)

Photovoltaic  Wind  Biomass

### Estimated Load Information

Total Load behind the Meter: \_\_\_\_\_ (kW)

Total RRF Tariffed Capacity: \_\_\_\_\_ (kW)

### Description of Proposed Installation

Give a general description of the proposed installation.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Generator Data

Number of units behind the retail meter: \_\_\_\_\_

Assigned Unit number, if multiple units are installed: \_\_\_\_\_

Attach a readable photo of nameplate data. See "Example" attached.

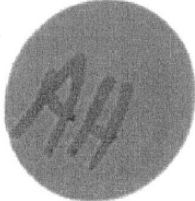
### Sign Off Area

The Member agrees to provide TCEC with any additional information required to complete the connection. The Member shall operate all equipment within the guidelines set forth by TCEC.

\_\_\_\_\_  
Member

\_\_\_\_\_  
Date

Example:

**GENERAC** 

MODEL: G0070420  
SERIAL: 3000821935  
ITEM NO: N/A  
PROD DATE: 20160908  
VOLTS: 120/240      1 PHASE  
LPV AMPS: 183.3/91.7      HZ 60  
NG AMPS: 162.5/81.3      RPM 3,600  
INSULATION CLASS: H  
CONTROLLER P/N: OJ8371C  
COUNTRY OF ORIGIN: US  
DUTY RTG. EMERGENCY

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X"D 0.064      X"D 0.051  
RATED AMBIENT TEMP. 25° C  
FOR STANDBY SERVICE


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NEUTRAL FLOATING UNBALANCED LOAD CAPACITY	50 %	MANUF LOC 1004
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RAINPROOF ENCLOSURE

 **UL** US  
LISTED  
STATIONARY ENGINE  
GENERATOR/EMERGENCY  
START

 **SwRI** SwRI ID No. 13204-01-01  
Compliant with Clause (2)  
of Section 4.14 of NFPA 97

**APPENDIX B**  
**AGREEMENT FOR ELECTRIC SERVICE BACKED 100% BY**  
**RENEWABLE ENERGY CERTIFICATES**

This Agreement, effective on \_\_\_\_\_, is made by and between Tri-County Electric Cooperative (“TCEC”) and the following member of TCEC (“Member”);

Member Name: \_\_\_\_\_ Applicable Account Number(s): \_\_\_\_\_

Member wishes to purchase 100% renewable electric energy and associated Renewable Energy Certificates (RECs) pursuant to TCEC’s Rider R.

Now, therefore, the parties agree as follows:

1. Rider R charges shall be in addition to all other charges due TCEC. Member shall pay TCEC for the purchase of renewable electric energy and RECs equal to all of Member’s monthly metered kilowatt-hour consumption. This consumption is the amount of TCEC’s Rider R at the time of energy consumption multiplied times such kilowatt-hour consumption. RECs will be provided to the participating member upon request on an annual basis.
2. Member may terminate billing under Rider R by giving TCEC at least 30 days’ prior notice, effective no earlier than Member’s next meter read date. After termination of Rider R billing by Member, Member shall be ineligible for subsequent Rider R billing until one year after such termination. However, if termination of Rider R billing is due to a change of service of Member, Member shall be eligible for Rider R billing without delay. Member shall apply for any subsequent Rider R billing. While Rider R is in effect, the total monthly billing shall include both the charges for the applicable tariff for the account, plus Rider R charges for 100% of the energy consumed.
3. TCEC may terminate this Agreement by giving Member at least 60 days’ prior notice, or immediately in the event Member fails to pay TCEC for electric service in accordance with TCEC’s Rules & Regulations of Service.
4. This Agreement shall continue until terminated for so long as Member continues to purchase electric service under Rider R from TCEC.
5. TCEC may change the Rider R amount upon at least 60 days’ notice to Member, but not more frequently than once during any twelve-month period. Changes shall depend on market conditions for RECs. The Rider R amount as changed shall be applicable for consumption after the date of change.
6. In the event of a conflict, TCEC’s Tariffs and Rules and Regulations of Service as approved by the board of trustees shall take precedence over the terms of this Agreement.

**Executed by:**

**TCEC Representative** (Print Name and Title): \_\_\_\_\_

**TCEC Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Member Printed Name:** \_\_\_\_\_

**Member Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_