

pioneer Pioneer Electric cooperative, inc. Rates and Tariffs

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Schedule A-22 Single Phase Service

Schedule B-22 Three Phase Service

Schedule LP-22 Large Power Service

Schedule I-18 Irrigation Service

Schedule A-2-22 All Electric Service

Schedule ECA-22 Energy Cost Adjustment

Property Tax Surcharge

Schedule LCI-22 Large Commercial And Industrial Service Schedule

LI-22 Large Industrial

Schedule SL-17A Urban Street Lighting Service

Schedule SL-17B LED Street Lighting Service

Schedule 20-NM Net Metering Rider

Schedule 20-PGS-QF Parallel Generation Rider – Qualifying Facility

Schedule Parallel 20-PGS-R Generation Rider – Renewable

Schedule LP-TOU-12 Large Power Time-Of-Use

Schedule A-1-09 Electric Space Heating, Cooling and Water Heating

Schedule SG-21 Self-Generation Rider

(Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

SCHEDULE <u>A-22</u> Replacing Schedule <u>A-18</u> Sheet <u>1</u>

which was approved February 1, 2018

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 1 Sheets

SCHEDULE A-22 SINGLE PHASE SERVICE

AVAILABILITY

Available for all single-phase service of single character supplied at one point of delivery, subject to the established rules and regulations. This rate applies to accounting schedules 440.1 Rural; 440.3 Villages and Town Residential: 442.1 Small Commercial and RGS Rural Commercial and 445 Schools.

CHARACTER OF SERVICE

Alternating current, 60 cycles, single phase, at available voltage.

RATE

Usage Occurring in June through August

Customer Charge:

\$18.40 per month

Plus

Energy Charge:

7.999 cents per kWh

Energy Delivery Charge/Demand Charge:

\$3.00

Usage Occurring in September through May

Customer Charge

\$18.40 per month

Plus

Energy Charge:

6.899 cents per kWh

Energy Delivery Charge/Demand Charge:

MINIMUM BILL

Same as Customer Charge.

ENERGY COST ADJUSTMENT

Energy sales under this schedule are subject to the Energy Cost Adjustment (Schedule ECA-12).

TERMS OF PAYMENT

In accordance with the rules and regulations.

Effective October 1 2022

Month Day Year

By CEO
Signature of Officer Title

Attested John Jury
Pioneer Electric Board of Trustees

By
Secretary-Treasurer

(Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

SCHEDULE B-22 Replacing Schedule B-18 Sheet 1

which was approved February 1, 2018

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

SCHEDULE B-22 THREE PHASE SERVICE

AVAILABILITY

Available for all three phase general service of single character supplied at one point of delivery, subject to the established rules and regulations. This rate applies to accounting schedules 442.1 Small Commercial and RGS Rural Commercial; and 442.1 Municipal Water Pumping.

CHARACTER OF SERVICE

Alternating current, 60 cycles, three phase, at available secondary voltages.

RATE

Usage Occurring in June through August

Customer Charge:

\$34.00 per month

Plus

Energy Charge:

8.381 cents per kWh

Energy Delivery Charge/Demand Charge: \$3.00

Usage Occurring in September through May

Customer Charge

\$34.00 per month

Plus

Energy Charge:

7.281 cents per kWh

Energy Delivery Charge/Demand Charge:

MINIMUM CHARGES

The minimum monthly bill shall be the highest of the following:

- 1. \$34.00 per month.
- 2. As provided in the Line Extension Policy.
- As determined in the Service Contract.

*			Attested John Jury
Effective	October 1	2022	Pioneer Electric Board of Trustees
	Month Day	Year	
Ву	Signature of Officer	CEO Title	By Secretary-Treasurer

SCHEDULE <u>B-22</u> Replacing Schedule <u>B-18</u> Sheet <u>2</u>

Pioneer Electric Cooperative, Inc. (Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

which was approved February 1, 2018

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

SCHEDULE B-22 THREE PHASE SERVICE (Continued)

TEMPORARY SERVICE

Temporary service shall be supplied in accordance with the foregoing rates except that there shall be an additional charge of \$1.00 for each kVA of connected transformer capacity for each month or fraction thereof that service is connected. Bills will not be prorated for a fractional part of a month.

The consumer shall, in addition, pay the total cost of connecting and disconnection service less the value of materials returned to stock. The company may require a deposit, in advance, of the full amount of the estimated bill for service including the cost of connection and disconnection.

ENERGY COST ADJUSTMENT

Energy sales under this schedule are subject to the Energy Cost Adjustment (Schedule ECA-12).

TERMS OF PAYMENT

In accordance with the rules and regulations.

		Attested John Jury
Effective October 1	2022	Pioneer Electric Board of Trustees
Month Day	Year	
12		n e
Ву	CEO	By
Signature of Officer	Title	Secretary-Treasurer

(Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

Replacing Schedule LP-21 Sheet 1 which was approved September 22, 2022

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

SCHEDULE LP-22 LARGE POWER SERVICE

AVAILABILITY

Available to consumers for all electric service of one character supplied at one point of delivery who require 50 kVA or more of transformer capacity. Not available for breakdown, standby, supplemental, resale or shared service. Motors of 10 horsepower or more must be three phase. This rate applies to accounting schedule 442.2 GL-3.

CHARACTER OF SERVICE

Alternating current, 60 cycles, at the voltage and phase of the Company's established distribution system most available to the location of the customer.

RATE

Customer Charge:

\$50.00 per month

Energy Delivery Charge/Demand Charge:

\$15.00 per kW of billing demand

per month

Energy Charge:

4.748 cents per kWh

MINIMUM MONTHLY BILL

The minimum monthly bill shall be the higher of:

- 1. The monthly billing demand charge but not less than \$122.00, plus the customer charge;
- 2. A charge of \$1.00 per kVA of installed transformer capacity, plus the customer charge.

Additionally, where it is necessary to make unusual extensions or to reinforce distribution lines to provide service such that in the judgment of the company, the revenue to be derived from or the duration of the prospective business is not sufficient under the above stated minimum to warrant the investment, the company may require an adequate minimum bill calculated upon reasonable considerations before undertaking to supply the service.

In such cases, the consumer shall enter into a written contract with the company as to the character, amount and duration of the business offered.

Effective	October Month	1 Day	2022 Year	Attested John Jury Pioneer Electric Board of Trustees
Ву	Signature of	f Officer	<u>CEO</u> Title	By Secretary-Treasurer

SCHEDULE LP-22

Pioneer Electric Cooperative, Inc.

(Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

Replacing Schedule <u>LP-21</u> Sheet 2_

which was approved September 22, 2022

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

SCHEDULE LP-22 LARGE POWER SERVICE (Continued)

DETERMINATION OF BILLING DEMAND

The demand shall be the maximum kilowatt load for the month as indicated or recorded during 15 consecutive minutes by a demand meter, or as determined by tests. If the customer's power factor is found by test to be less than 90% lagging during the period of monthly maximum demand, the demand for billing purposes shall be the measured demand increased by 1% for each 1% by which the power factor is less than 90%.

TEMPORARY SERVICE

Temporary service shall be supplied in accordance with the foregoing rates except that there shall be an additional charge of \$1.00 for each kilowatt or fraction thereof connected load for each month or fraction thereof that service is connected. Bills will not be prorated for a fractional part of a month.

The consumer shall, in addition, pay the total cost of connecting and disconnecting service less the value of materials returned to stock. The company may require a deposit, in advance, of the full amount of the estimated bill for service including the cost of connection and disconnection.

ENERGY COST ADJUSTMENT

Energy sales under this schedule are subject to the Energy Cost Adjustment (Schedule ECA-12).

TERMS OF PAYMENT

In accordance with the rules and regulations.

Effective	October 1 Month Day	2022 Year	Attested John Jury Pioneer Electric Board of Trustees
Ву	Signature of Officer	<u>CEO</u> Title	By Secretary-Treasurer

SCHEDULE I-18

Pioneer Electric Cooperative, Inc.

(Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

Replacing Schedule <u>I-12</u> Sheet <u>1</u>

which was approved March 27, 2012

No supplement or separate understanding Shall modify the tariff as shown hereon.

Sheet 1 of 3 Sheets

SCHEDULE I-18 IRRIGATION SERVICE

AVAILABILITY

Available to Members of the Cooperative located adjacent to its three-phase line for irrigation purposes, for loads of not less than 30 horsepower. This rate applies to accounting schedule 441 Irrigation.

CHARACTER OF SERVICE

Alternating current, 60 cycles, three phase, at available voltage.

RATE

Monthly Metering Charge:

\$28.99 per month (Control Option Only)

Plus

Annual Horsepower Charge:

Uncontrolled \$24.00 per connected horsepower

8-Hour Control \$0.00 per connected horsepower

Plus

Monthly Energy Charge:

Usage Occurring in June through August

8.92 cents per kWh

Usage Occurring in September through May

7.82 cents per kWh

MINIMUM ANNUAL BILL

The Minimum Annual Bill for Uncontrolled Irrigation Services shall not be less than \$24.00 per HP of connected load. The period covered by the Minimum Annual Bill shall begin at 12:01 o'clock January 1st and end at midnight on the following December 31st. Should the customer wish to disconnect or down rate the service it is the customer's responsibility to notify the Cooperative of their intent prior to January 1st of the calendar year to avoid the Minimum Annual Bill.

CONTROL EQUIPMENT

Member is responsible for the cost and installation of control equipment necessary to achieve required control.

Effective	February Month	Day	<u>2018</u> Year	Pioneer Electric Board of Trustees Perry Rubart, Secretary
Ву	Signature of C	Officer	<u>CEO</u> Title	Perint Ruent

(Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

Replacing Schedule I-12 Sheet 2

which was approved March 27, 2012

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 3 Sheets

SCHEDULE I-18 IRRIGATION SERVICE (Continued)

METERING CHARGE

The Monthly Metering Charge applies only to members receiving service under a control option. This charge covers the cost of additional metering necessary for this controlled service. The Monthly Metering Charge must be paid for at least 5 years. If Member moves back to uncontrolled service within 5 years, then the Member will be charged a lump sum metering payment as determined below:

60 months

- <u>Number</u> of Months Meter Charge Applied Remaining Minimum Months
- x Monthly Metering Charge Lump Sum Metering Payment

CONNECTED HORSEPOWER

The connected horsepower shall be that stated by the manufacturer on the nameplate of the motor, or the sum of such ratings if more than one motor is connected for use, or at the option of the Cooperative, by proper test under conditions of maximum operating load.

FAILURE TO CONTROL

If a Member takes action to avoid or bypass control during any time, then the Uncontrolled Annual Horsepower Charge will be applied for the calendar year in which such action takes place. The difference between the previously applicable Control Horsepower Charge and the Annual Uncontrolled Horsepower Charge will be collected from the Member during the remainder of the calendar-year's billing.

If a failure to control 1) takes place because of equipment malfunction or failure and 2) the member promptly notifies the Cooperative of such equipment malfunction or failure and 3) the failure to control did not result in additional wholesale power charges to the Cooperative, then the Cooperative may not impose the annual Uncontrolled Horsepower.

POWER FACTOR CLAUSE

If the Customer's power factor is found by test to be less than ninety percent (90%) lagging during the period of monthly maximum demand, the demand for billing purposes shall be the measured demand increased by one percent (1%) for each one percent (1%) by which the power factor is less than ninety percent (90%).

Effective	February	l	2018	Pioneer Electric Board of Trustees
	Month	Day	Year	Perry Rubart, Secretary
Ву	Signature of O	Officer	CEO Title	Permet Rurant

SCHEDULE I-18 Replacing Schedule <u>I-12</u> Sheet <u>3</u>

Pioneer Electric Cooperative, Inc.
(Name of Issuing Utility)

Entire Territory Served

which was approved March 27, 2012

(Territory to which schedule is applicable)						
No supplement or separate understanding shall modify the tariff as shown hereon. Sheet 3 of 3 Sheets						
IRRIGATIO	SCHEDULE I-18 IRRIGATION SERVICE (Continued)					
ENERGY COST ADJUSTMENT						
Energy sales under this schedule are subject to the	ne Energy Cost Adjustment (Schedule ECA-12).					
TERMS OF PAYMENT						
In accordance with the rules and regulations.						
Effective February 1 2018	Pioneer Electric Board of Trustees					
Month Day Year	Perry Rubart, Secretary					
Ву	Perund Ruemt					

CEO

Title

 $By_{\underline{}}$

Signature of Officer

Pioneer Electric Cooperative, Inc. (Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

SCHEDULE A-2-22 Replacing Schedule A-2-18 Sheet 1

which was approved February 1, 2018

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

SCHEDULE A-2-22 ALL ELECTRIC SERVICE

AVAILABILITY

This tariff is available for all electrical usage by residential customers who use electricity exclusively and where the majority of usage is residential in nature. Service is subject to the established rules and regulations of the Cooperative.

CHARACTER OF SERVICE

Alternating current, 60 cycles, single and three phase, at available voltage.

RATE

Rates for customers in rural areas shall be as follows:

Single Phase-Rural	
Usage Occurring in June through August	
Customer Charge:	\$18.40 per month
Plus	
Energy Charge:	7.999 cents per kWh
Plus	
Energy Delivery Charge/Demand Charge:	\$3.00
Usage Occurring in September through May	
Customer Charge	\$18.40 per month
Plus	
Energy Charge:	
First 1.100 kWh	6.899 cents per kWh

Excess kWh 6.639 cents per kWh Energy Delivery Charge/Demand Charge: \$3.00

Thre

ee Phase-Rural	
Usage Occurring in June through August	
Customer Charge:	\$34.00 per month
Plus	
Energy Charge:	8.381 cents per kWh
Energy Delivery Charge/Demand Charge:	\$3.00
Usage Occurring in September through May Customer Charge: Plus	\$34.00 per month
Energy Charge: First 1,100 kWh	7.281 cents per kWh
Excess kWh	6.591 cents per kWh
Energy Delivery Charge/Demand Charge:	\$3.00

				Attested John Jury
Effective	October	1	2022	Pioneer Electric Board of Trustees
	Month I	Day	Year	
Ву	Signature of Office	cer	CEO Title	By Secretary-Treasurer

Pioneer Electric Cooperative, Inc. (Name of Issuing Utility) Entire Territory Served (Territory to which schedule is applicable)

Replacing Schedule A-2-18 Sheet 2

which was approved February 1, 2018

No supplement or separate understanding shall modify the tariff as shown hereon.	Sheet 2 of 2 Sheets
SCHE	DULE A-2-22 TRIC SERVICE (Continued)
	TRIC SERVICE (Continued)
Rates for customers in cities shall be as follows:	
Single Phase-City	
Usage Occurring in June through August	
Customer Charge:	\$18.40 per month
Energy Charge:	7,000
Plus	7.999 cents per kWh
Energy Delivery Charge/Demand Charge:	\$3.00
Usage Occurring in Sontombor through Man	
<u>Usage Occurring in September through May</u> Customer Charge	Ø10 40 J
Plus	\$18.40 per month
Energy Charge:	
First 750 kWh	6.899 cents per kWh
Excess kWh	6.639 cents per kWh
Energy Delivery Charge/Demand Charge:	\$3.00
Three Phase-City	
Usage Occurring in June through August	*****
Customer Charge: Plus	\$34.00 per month
Energy Charge:	0 201 1 37/1
Energy Delivery Charge/Demand Charge:	8.381 cents per kWh \$3.00
Usage Occurring in September through May	\$5.00
Customer Charge:	\$34.00 per month
Plus	F
Energy Charge:	
First 750 kWh	7.281 cents per kWh
Excess kWh	6.591 cents per kWh
Energy Delivery Charge/Demand Charge: //INIMUM BILL	\$3.00
MINIMIOWI DILL	
ame as Customer Charge.	
ENERGY COST ADJUSTMENT	
Energy sales under this schedule are subject to the Energy	ergy Cost Adjustment (Schedule ECA-12).
ERMS OF PAYMENT	
n accordance with the rules and regulations.	
	Attact- J. T. L
Effective October 1 2022	Attested John Jury
Effective October 1 2022 Month Day Year	Pioneer Electric Board of Trustees
Su, I cal	
Ву СЕО	Ву
Signature of Officer Title	Secretary-Treasurer

(Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

Replacing Schedule <u>ECA-12</u> Sheet

which was approved March 27, 2012

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

SCHEDULE ECA-22 ENERGY COST ADJUSTMENT

APPLICABLE

Applicable per the provisions of the Cooperative's electric rate schedules.

COMPUTATION FORMULA

The rates for energy to which this adjustment is applicable will be increased or decreased by 0.001¢ per kilowatt-hour (kWh) for each 0.001¢ (or major fraction thereof) increase or decrease in the aggregate cost of power per kWh as computed by the following formula:

$$\frac{C}{S}$$
 - B = Adjustment

Where:

- C = The actual cost of purchased power and energy for rates subject to the Energy Cost Adjustment, Account No. 555, for the latest month for which data is available.
- S = Actual sales in kWh for the same month for rates subject to the Energy Cost Adjustment.
- B = Actual power costs (purchased power and energy) in ¢/kWh sold for rates subject to the Energy Cost Adjustment during the base period. This base is 6.03¢/kWh sold, as established during the base period of January 1 through December 31, 2011.

Notwithstanding the foregoing, the Cooperative may determine that the inputs for C, S or B should be modified due to extraordinary or special circumstances.

FREQUENCY OF COMPUTATION

This adjustment amount will be computed once each month.

Effective	December	14	2022	Attested John Jury
	Month	Day	Year	Pioneer Electric Board of Trustees
Ву	Signature of C	Officer	Title	By Secretary-Treasurer

SCHEDULE ECA-12

Pioneer Electric Cooperative, Inc.

(Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

Replacing Schedule PCA -09 Sheet

which was approved March 27, 2012

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

SCHEDULE ECA-22 ENERGY COST ADJUSTMENT (Continued)

SETTLEMENT PROVISION

Subsequent to the effective date of this clause, the Cooperative will maintain a continuing monthly comparison of the actual increased (decreased) cost of purchased power as shown on the books and records of the Cooperative and the increased (decreased) dollar cost of purchased power recovered from customers.

For each twelve-month billing period ending at the close of December, the cumulative difference of the monthly comparisons for the twelve-month billing period under consideration will be added to the "actual cost remainder" described below to produce a cumulative balance. The "settlement factor" will then be calculated by dividing the cumulative balance as of that date by the total number of kWh deliveries during the twelve-month period ending on that date. This amount will be rounded to the nearest $0.001 \c/kWh$ to determine the increase or decrease which should be made to the energy cost adjustment. This "settlement factor" will remain in effect until superseded by a subsequent "settlement factor" calculated according to this provision.

The amounts collected or returned under this "settlement factor" for each twelve-month period will be compared with the cumulative balance, as described above. Any resulting overage or underage, which will be known as the "actual cost remainder," will be applied to the next subsequent twelve-month cumulative balance for the purpose of calculating the next subsequent "settlement factor."

Effective	December	14	2022	Attested John Jury
	Month	Day	Year	Pioneer Electric Board of Trustees
Ву	Signature of	Officer	Title	By Secretary-Treasurer

Index	No.	
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Sheet 1 of 1

PIONEER ELECTRIC COOPERATIVE, INC.

(Name of Issuing Utility)

ENTIRE PIONEER ELECTRIC TERRITORY

Replacing Schedule 2021- PTR

Schedule: 2022 - PTR

Which was approved_January 27, 2021

APPLICABILITY

shall modify the tariff as shown hereon.

(Territory to which schedule is applicable) No supplement or separate understanding

This rider is applicable to all power and energy sold to Pioneer Electric customers located in the Pioneer Electric territory taking service under the following schedules: A-1-09, A-18, A-2-18, B-18, I-18, LCI-18, LP-18, and LP-TOU-12.

RATE

The rate for the property tax surcharge hereunder shall be \$0.00059 per kWh charged.

EFFECTIVE DATE

This rate schedule shall become effective with all billing statements issued, beginning the first month following Board approval.

Issued	January Month	26 Day	2022 Year	
Effective _	February Month	1 Day	2022 Year	
Ву	fre		CEO	
Бу	Signature		Title	

Attested John Jury Pioneer Electric Board of Trustees

Secretary

Pioneer Electric Cooperative, Inc. (Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

which was approved February 1, 2018

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

SCHEDULE LCI-22 LARGE COMMERCIAL AND INDUSTRIAL SERVICE

AVAILABILITY

Available to consumers for all electric service of one character supplied at one point of delivery who have minimum average monthly demand of 750 kW and minimum average load factor of 70 percent. Not available for breakdown, standby, supplemental, resale or shared service. Motors of 10 horsepower or more must be three phase.

CHARACTER OF SERVICE

Alternating current, 60 cycles, at the voltage and phase of the Company's established distribution system most available to the location of the customer.

RATE

Usage Occurring in June through August

Customer Charge:

\$50.00 per month Demand

Energy Delivery Charge/Demand Charge:

\$22.30 per kW

Energy Charge:

4.521 cents per kWh

Usage Occurring in September through May

Customer Charge:

\$50.00 per month Demand

Energy Delivery Charge/Demand Charge:

\$17.05 per kW Energy Charge:

4.041 cents per kWh

MINIMUM MONTHLY BILL

The minimum monthly bill shall be the highest of:

- 1. The monthly customer charge plus 750 kW times the demand charge.
- 2. Where it is necessary to make unusual extensions or to reinforce distribution lines to provide service such that in the judgment of the company, the revenue to be derived from or the duration of the prospective business is not sufficient under the above stated minimum to warrant the investment, the company may require an adequate minimum bill calculated upon reasonable considerations before undertaking to supply the service. Minimum bills thus determined must be approved by the Cooperative's Board of Trustees. In such cases, the consumer shall

Effective October 1 2022	Pioneer Electric Board of Trustees
Month Day Year	
By CEO Signature of Officer Title	By Secretary-Treasurer

Pioneer Electric Cooperative, Inc.
(Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

which was approved February 1, 2018

No suppl	ement or separate	understanding shall
	ne tariff as shown	

Sheet 2 of 2 Sheets

SCHEDULE LCI-22 LARGE COMMERCIAL AND INDUSTRIAL SERVICE (Continued)

enter into a written contract with the company as to the character, amount, and duration of the business offered.

DETERMINATION OF BILLING DEMAND

The billing demand shall be the maximum kilowatt load for the month as indicated or recorded during 15 consecutive minutes by a demand meter, or as determined by tests. If the customer's power factor is found by test to be less than 90% lagging during the period of monthly maximum demand, the demand for billing purposes shall be the measured demand increased by 1% for each 1% by which the power factor is less than 90%.

ENERGY COST ADJUSTMENT

Energy sales under this schedule are subject to the Energy Cost Adjustment (Schedule ECA-12).

TERMS OF PAYMENT

In accordance with the rules and regulations.

Effective October 1 2022 Month Day Year	Attested John Jury Pioneer Electric Board of Trustees
By Signature of Officer CEO Title	By Secretary-Treasurer

Pioneer Electric Cooperative, Inc. (Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

SCHEDULE <u>LI-22</u>
Replacing Schedule <u>LI-15</u> Sheet <u>1</u>

which was approved January 21, 2015

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

SCHEDULE LI-22 LARGE INDUSTRIAL

AVAILABILITY

Available to all Consumers that meet the qualifications specified herein for all electric service provided at one point of delivery.

QUALIFICATIONS

The Consumer's load must maintain an average 15-minute Non-Coincidental Peak ("NCP") Demand requirement of 3,000 kW or more per month over the highest 10 months of the most recent 12 months ending with the current billing month.

The Consumer's load must also maintain an Annual NCP Load Factor that is greater than or equal to 70% for the highest 10 months of the most recent 12 months ending with the current billing month.

Load, without 12 months of prior usage/billing history, can immediately satisfy both the NCP Demand and Annual NCP Load Factor requirements using data for all available months ending with the current billing month until such time that 12 months of actual history is available, etc.

CHARACTER OF SERVICE

At available transmission or distribution voltages determined by the Cooperative. Where service of the type desired by the Consumer is not already available at the point of delivery, additional charges under the Cooperative's line extension policy and special contract arrangements may be required prior to service being furnished.

MONTHLY RATE

(1) <u>Customer Charge:</u> \$100.00 per month

(2) <u>Delivery Demand Charge:</u> \$4.38per kW of NCP Billing Demand

By CEO
Signature of Officer

Signature of Of

SCHEDULE <u>LI-22</u> Replacing Schedule <u>LI-15</u> Sheet 2

Pioneer Electric Cooperative, Inc.

(Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

which was approved January 21, 2015

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

SCHEDULE LI-22 LARGE INDUSTRIAL (Continued)

(4) Facilities Charge:

An additional monthly charge for the provision of distribution or transmission facilities as determined by the written agreement between the Cooperative and the Consumer. The agreement shall be submitted to the Cooperative's Board of Trustees for their approval.

(5) Wholesale Power Cost:

The Wholesale Power Cost shall be the cost of power to serve the Consumer from the Cooperative's wholesale power supplier. The Wholesale Power Cost shall include, but not be limited to, capacity, delivery, energy and ECA (fuel and purchased power) charges for the billing period including any adjustments applied. The power cost will be calculated using the billing units defined in the same manner as defined in the wholesale rate to the Cooperative. The Consumer's billing units may be adjusted for line losses, as determined by the Cooperative, to calculate the Consumer's Wholesale Power Cost at the wholesale supplier's metering point to the Cooperative.

NCP BILLING DEMAND

The Consumer's NCP Billing Demand shall be the maximum kilowatt demand for the billing period as indicated or recorded during 15 consecutive minutes determined by suitable meter installed and owned by the cooperative. For purposes of establishing the Consumer's NCP Billing Demand, any electricity being supplied by a behind-the-meter distributed energy resource will be added to the maximum kilowatt demand for the billing period as previously defined. In no event shall the NCP Billing Demand be less than 3,000 kW.

MONTHLY MINIMUM BILL

The minimum monthly bill shall be the sum of the following:

- 1. The Customer charge;
- 2. The NCP Demand charge;
- 3. The Facilities charge; and
- 4. Any minimum Wholesale Power Costs billed.

POWER FACTOR CLAUSE

If the Consumer's power factor is found by test to be less than ninety percent (90%) lagging during the period of monthly maximum demand, the demand for billing purposes shall be the measured demand increased by one percent (1%) for each one percent (1%) by which the power factor is less than ninety percent (90%).

TERMS OF PAYMENT

In accordance with the Rules and Regulations of the Cooperative.

Effective June 22. 2022	Attested Jeff Moyer
Month Day Year	Pioneer Electric Board of Trustees
By <u>CEO</u> Signature of Officer Title	By Assistant Secretary-Treasurer

SCHEDULE SL-17A Replacing Schedule SL-12 Sheet 1

Pioneer Electric Cooperative, Inc.

(Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

Which was Approved March 27, 2012

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

SCHEDULE SL-17A URBAN STREET LIGHTING SERVICE

AVAILABILITY

This Schedule is FROZEN and not available for new street lighting service. Will continue to be available only for existing street lighting for all Government, Municipals, Counties, School Districts and non-Government-owned housing sub-divisions, located in the Cooperative's service territory. This schedule is not applicable to flood lighting installations, private streets, roadway or yard lighting installations for non-Government individual consumers, or to lighting for athletic fields, swimming pools, parking lots or other similar projects. This rate applies to accounting schedule 444 Street lights.

CHARACTER OF SERVICE

Alternating current, 60 cycles, 120-volts.

ANNUAL RATE PER LIGHT

For mercury and sodium lamps in fixtures hung from brackets on standard wood poles of Cooperative's general distribution system and served from overhead conductors.

MERCURY LAMPS	PER LAMP
150 Watts	\$126.72
250 Watts	175.92
400 Watts	249.84
SODIUM LAMPS	PER LAMP
100 Watts	\$ 96.94
150 Watts	126.72
250 Watts	180.48

For each steel or concrete standard installed, the annual rate will be increased by \$16.65.

MAINTENANCE AND OWNERSHIP

Cooperative shall own and maintain the entire system and furnish lamp renewals. In the event a lamp fails and must be repaired or replaced, the Cooperative will install a LED lamp and the customer will be billed accordingly pursuant to Schedule SL-17B.

Effective	February	22	2017	Attested Perry Rubart
	Month	Day	Year	Pioneer Electric Board of Trustees
Ву	Signature of O	fficer	- <u>CEO</u> Title	By Secretary

(Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

SCHEDULE SL-17A Replacing Schedule SL-12 Sheet 2

Which was Approved March 27, 2012

No supplement or separate understanding
shall modify the tariff as shown hereon.

Sheet 2 of 2 Sheets

SCHEDULE SL-17A URBAN STREET LIGHTING SERVICE (Continued)

Should a customer wish to upgrade to the more efficient LED fixture before the failure or scheduled replacement of the sodium or mercury lamp, as solely determined by the Cooperative, the customer will pay a prorated share of the capital cost of the accelerated upgrade as mutually agreed to between the Cooperative and customer.

HOURS OF SERVICE

Lamps shall burn from dusk to dawn approximately 4,000 hours annually.

PAYMENT

Payment shall be made in twelve (12) equal monthly installments.

TERM OF PAYMENT

In accordance with the Cooperative's Board-approved Rules and Regulations.

Effective	February	22	2017	Attested Perry Rubart
	Month	Day	Year	Pioneer Electric Board of Trustees
Ву	Signature of	Officer	<u>CEO</u> Title	Perup d. Ruvart By Secretary

Pioneer Electric Cooperative, Inc. (Name of Issuing Utility) Entire Territory Served

(Territory to which schedule is applicable)

	SCHEDUL	ES	L-17B
Replacing Schedu	le	Sheet	
1 0			
Which was	Approved _		

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

SCHEDULE SL-17B LED STREET LIGHTING SERVICE

AVAILABILITY

Available to all Government, Municipals, Counties, School Districts and non-Government-owned housing subdivisions, located in the Cooperative's service territory, for street lighting. This schedule is not applicable to flood lighting installations, private streets, roadway or yard lighting installations for non-Government individual consumers, or to lighting for athletic fields, swimming pools, parking lots or other similar projects. This rate applies to accounting schedule 444 Street lights.

CHARACTER OF SERVICE

Alternating current, 60 cycles, 120-volts.

ANNUAL RATE PER LIGHT

For LED lamps in fixtures hung from brackets on standard existing wood poles of Cooperative's general distribution system and served from overhead conductors; for LED lamps in fixtures on standard new wood poles; and for LED lamps in fixtures on steel poles.

<u>DEVICE TYPE</u>	<u>DEVICE DESCRIPTION</u>	PER LAMP
PA1	≈73 Watts/8,178 Lumens – Existing Wood Pole	\$ 89.16
PA2	≈73 Watts/8,178 Lumens – Dedicated Wood Pole	148.32
PA3	≈73 Watts/8,178 Lumens – Dedicated Steel Pole	164.97
PB1	≈161 Watts/16,472 Lumens – Existing Wood Pole	129.24
PB2	≈161 Watts/16,472 Lumens – Dedicated Wood Pol	e 188.52
PB3	≈161 Watts/16,472 Lumens – Dedicated Steel Pole	205.15

MAINTENANCE AND OWNERSHIP

Company shall own and maintain the entire system.

HOURS OF SERVICE

Lamps shall burn from dusk to dawn approximately 4,000 hours annually.

Effective	February	22	2017	Attested Perry Rubart
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Ву	Signature of (Officer	– <u>CEO</u> Title	By Secretary

	SCHEDULE <u>SL-17B</u>
Pioneer Electric Cooperative, Inc. (Name of Issuing Utility)	Replacing Schedule Sheet
Entire Territory Served (Territory to which schedule is applicable)	Which was Approved
No supplement or separate understanding shall modify the tariff as shown hereon.	Sheet 2 of 2 Sheets
LED STREET I	DULE SL-17B LIGHTING SERVICE ontinued)
PAYMENT	
Payment shall be made in twelve (12) equal m	nonthly installments.
<u>EXTENSIONS</u>	
written request or resolution of the governi	from overhead conductors will be extended uponing body, provided the average extension for each 00 feet of pole line. Extensions beyond these limits to be agreed upon.
TERM OF PAYMENT	
In accordance with the Cooperative's Board-a	approved Rules and Regulations.
Effective February 22 2017	Attested Perry Rubart
Month Day Year	Pioneer Electric Board of Trustees

CEO Title

Ву ___

By

Signature of Officer

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Secretary

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No supplement or separate understanding shall modify the tariff as shown hereon.

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NET METERING RIDER

AVAILABILITY

Net metering service is available under this Net Metering Rider ("Rider") at points on the Cooperative's existing electric distribution system, located within its service area, for Customers operating Renewable Energy Resources. The net metering service is available to Customer-generators on a first-come, first-served basis until the total rated generating capability of all net metering interconnections during a calendar year equals or exceeds one percent of the Cooperative's peak load for the previous calendar year. Upon reaching either of this limit, no further net metering service shall be available for that calendar year. This Rider shall not be available for any electric service schedule allowing for resale. A Customer-generator shall have the alternative option of interconnecting renewable generation under the Cooperative's Renewable Parallel Generation Rider. However, renewable Customer-generators may not change between the Net Metering and Parallel Generation Riders without the prior approval of the Cooperative, and such elections shall not be for periods less than one year.

APPLICABILITY

This Rider is applicable to Customer-generators with a properly completed, signed and approved Cooperative interconnection agreement and that are taking service under the Cooperative's normal retail rate schedules. To determine total applicable net metering maximum allowed capacity, see table below:

Total Maximum Allowed Capacity (kW)*

For Customer with Approved Facilities

Customer Type	Operational Prior to July 1, 2014	On or After July 1, 2014
Residential	25	15
Non-Residential	200	100
Schools**	200	150

- * The Net Metered Facility shall be appropriately sized for Customer's anticipated electric load. Cooperative will work with the Customer to determine appropriately sized units, based on historical load profiles of Customer's operations at point of interconnection.
- ** Any post-secondary educational institution as defined in K.S.A. 74-3201b, and amendments thereto, or any public or private school which provides instruction for students in kindergarten through 12.

Customer-generators with a Net Metered Facility operational prior to July 1, 2014 covered by this Rider may install additional renewable energy resource after July 1, 2014, as long as the pre-July 1, 2014 maximum limits are observed. Maximums listed for before and after July 1, 2014 are not additive.

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By CEO	By Secretary
Signature of Officer Title	

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CHARACTER OF SERVICE

Alternating current, 60 cycles, at the voltage and phase of the Cooperative's established secondary distribution system immediately adjacent to the service location.

BILLING AND PAYMENT

Unless indicated otherwise, the Cooperative shall render a bill for net consumption at approximately 30-day intervals during the Cooperative's normal billing process.

Net consumption is defined as the kWh supplied by the Cooperative to the Customer-generator minus kWh supplied by the Customer-generator and returned to the Cooperative's grid during the billing period. Any net consumption shall be valued as follows:

To the extent the net consumption is positive (i.e. Customer-generator took more kWh from the Cooperative during the billing period than Customer-generator produced), the eligible Customer-generator will be billed in accordance with the Cooperative's standard rate for Energy Charges (for the net consumption), and for any Customer Charges, Demand Charges, and/or any Minimum Charges that would otherwise be applicable to the Customer under the standard rate.

To the extent the net consumption is negative (i.e. Customer-generator produced more kWh during the billing period than the Cooperative supplied), the Customer-generator will pay applicable Customer Charges, Demand Charges, and/or any Minimum Charges that otherwise would be applicable to the Customer under the standard rate; and the excess electric energy shall be retained by the Cooperative.

To the extent the net consumption is zero (i.e. the Customer-generator produced the same kWh during the billing period as was supplied by the Cooperative), the Customer generator will be billed in accordance with the Cooperative's otherwise applicable standard rate for the eligible Customer-generator, including any applicable Customer Charges, Demand Charges and/or Minimum Charges.

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Customer-generator: The owner or operator of a qualified electric energy generation u (a) Is powered by a Renewable Energy Resource as defined by I (b) Has a maximum electrical generating capacity as defined in A	Kansas state statutes (see definition below);

(c) Is located on a premises owned, operated, leased, or otherwise controlled by the Customer-generator;(d) Is interconnected and operates in parallel phase and synchronization with the Cooperative;

- (e) Is intended primarily to offset part or all of the Customer-generator's own electrical energy requirements; (f) Meets all applicable safety, performance, interconnection, and reliability standards established by the National
- Electrical Code, the National Electrical Safety Code, the Institute of Electrical and Electronics Engineers,
 Underwriters Laboratories, the Federal Energy Regulatory Commission, and any local governing authorities;
 and
- (g) Contains a mechanism that automatically disables the unit and interrupts the flow of electricity back onto the Cooperative's electric lines in the event that service to the Customer-generator is interrupted.

Each meter connected under this Rider defines a Customer-generator. A generator owned or operated by a Customer-generator cannot be connected in common with any other meter or be deemed to be for the purpose of serving the load connected to any other meter. To the extent that the Customer-generator controls the Renewable Energy Resources and meets the requirements and accepts all of the obligations of this Rider, the Customer-generator is not required to own the generating facilities.

Renewable Energy Resources:

Electrical energy produced from an energy resource or technologies defined as renewable in K.S.A. 17-4652, and amendments thereto, and energy produced from municipal or other solid waste and animal waste.

Net metering:

A bi-directional metering process using equipment sufficient to measure the difference between the electrical energy supplied to a Customer-generator by Cooperative and the electrical energy supplied by the Customer-generator to the Cooperative over an applicable billing period.

Peak load:

The one-hour maximum annual demand imposed by the Cooperative's retail load applicable to the territory to which this schedule is applicable.

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TERMS AND CONDITIONS

shall modify the tariff as shown hereon.

1. The Cooperative will supply, own and maintain at its expense all necessary meters and associated equipment utilized for billing. In addition, and for purposes of monitoring Customer generation and load, the Cooperative may install load research metering at its expense. The Customer shall supply, at no expense to the Cooperative, a suitable location for meters and associated equipment used for billing and for load research. Such equipment shall be accessible at all times to Cooperative personnel.

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- 2. The Cooperative shall have the right to require the Customer, at certain times and as electric operating conditions warrant, to limit the production of electrical energy from the generating facility to an amount no greater than the load at the Customer's facility of which the generating facility is a part.
- 3. The Customer shall furnish, install, operate and maintain in good order and repair without cost to the Cooperative such relays, locks and seals, breakers, automatic synchronizers, disconnecting devices, and other control and protective devices as shall be designated by the Cooperative as being required as suitable for the operation of the generator in parallel with the Cooperative's system.
- 4. The Customer shall install and maintain a visible, manual disconnect switch. This manual switch must have the capability to be locked out by Cooperative personnel to isolate the Cooperative's facilities in the event of an electrical outage on the Cooperative's transmission and distribution facilities serving the Customer. This isolating device shall also serve as a means of isolation for the Customer's equipment during any Customer maintenance activities, routine outages or emergencies. The Cooperative shall give notice to the Customer before a manual switch is locked or an isolating device used, if possible; and otherwise shall give notice as soon as practicable after locking or isolating the Customer's facilities.
- 5. The Customer shall reimburse the Cooperative for any equipment, facilities, protective equipment or upgrades required solely as a result of the installation by the Customer of generation in parallel with the Cooperative's system.
- 6. The Customer shall notify the Cooperative prior to the initial energizing and start-up testing of the Customerowned generator, and the Cooperative shall have the right to have a representative present at said test.
- 7. If harmonics, voltage fluctuations, or other disruptive problems on the Cooperative's system are directly attributable to the operation of the Customer's system, such problem(s) shall be corrected at the Customer's expense.

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- 8. No Customer's generating system shall damage the Cooperative's system or equipment or present an undue hazard to Cooperative personnel. The Cooperative shall not be liable directly or indirectly for permitting or continuing to allow an attachment of a net metered facility or for the acts or omissions of a Customer-generator that cause loss or injury, including death, to any third party. The Customer-generator agrees to hold the Cooperative harmless from injury or property damage incurred by any person and arising out of the ownership, operation, maintenance, or use of the Customer's electrical generation facility and to indemnify the Cooperative against all liability and expense related thereto.
- 9. Prior to installing and interconnecting a Renewable Energy Resource the Customer shall enter into a standard interconnection contract with the Cooperative setting forth the conditions related to technical and safety aspects of parallel generation.
- 10. Service under this Rider is subject to the Cooperative's Parallel Generation Interconnection Regulations found in the Cooperative's approved rules and regulations and subsequent modifications thereto.
- 11. The Customer-generator shall, at its own expense, maintain in force general liability insurance without any exclusion for liabilities related to the interconnection. The amount of such insurance shall be sufficient to insure against all reasonably foreseeable direct liabilities given the size and nature of the generating equipment being interconnected, the interconnection itself and the characteristics of the system to which the interconnection is made. For Renewable Energy Resource systems having a maximum nameplate generating capability of 10 kW or less, a Customer-generator whose system meets the standards specified in Cooperative's Parallel Generation Interconnection Regulations found in the Cooperative's approved rules and regulations shall not be required to install additional controls, perform or pay for additional tests or distribution equipment or purchase additional liability insurance other than such general liability insurance. For Renewable Energy Resource systems having a maximum nameplate generating capability of greater than 10 kW, the Cooperative's Parallel Generation Interconnection Regulations found in the Cooperative's approved rules and regulations shall: (1) Set forth safety, performance and reliability standards and insurance requirements; and (2) establish the qualifications for exemption from a requirement to install additional controls, perform or pay for additional tests or distribution equipment or purchase additional liability insurance.

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of Cooperative's Parallel Generation Interconnection and regulations. If the application for interconnection generator does not complete the interconnection with	stomer-generator's electrical generating system, ecifications for the generating unit, and shall be in 30 days after receipt for systems of 10 kilowatts or tems. Prior to the interconnection of the qualified stomer-generator shall furnish the Cooperative a per engineer that the installation meets the requirements in Regulations found in the Cooperative's approved rules in is approved by the Cooperative and the Customer-thin one year after receipt of notice of the approval, the shall be responsible for filing a new application. Upon the gy Resource, the new Customer-generator shall be
Ownership of all renewable energy credits, greenhou energy attributes related to any electricity produced to retained by the Customer-generator.	
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No supplement or separate understanding shall modify the tariff as shown hereon.

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PARALLEL GENERATION RIDER - QUALIFYING FACILITY

AVAILABILITY

Service is available under this Parallel Generation Rider – Qualifying Facility ("Rider") at points on the Cooperative's existing electric distribution system, located within its service area, for Parallel Generation Service Customers ("PGS Customers") operating Qualifying Facilities (both renewable and non-renewable). Service under this Rider is not applicable to standby or resale electric service.

APPLICABILITY

This Rider is applicable to PGS Customer-generators with a properly completed, signed and approved Cooperative interconnection agreement and that is taking service under the Cooperative's normal retail rate schedules. This Rider is applicable where the nameplate capability of the PGS Customer's electrical generating system is appropriately sized and exceeds 200 kW.

CHARACTER OF SERVICE

Alternating current, 60 cycles, at the voltage and phase of the Cooperative's established secondary distribution system immediately adjacent to the service location.

BILLING AND PAYMENT

Unless indicated otherwise, the Cooperative shall render a bill for consumption at approximately 30-day intervals during the Cooperative's normal billing process. Billing by the Cooperative to the PGS Customer shall be in accordance with the applicable retail rate schedule.

For electrical energy generated that exceeds the PGS Customer's instantaneous load and delivered by the PGS Customer to the Cooperative from the PGS Customer's Qualifying Facility, the Cooperative shall pay 100% of the Cooperative's monthly system average cost of energy per kilowatt hour as billed to the Cooperative under the Cooperative's wholesale power supplier's Energy Cost Adjustment (ECA) filing for the period(s) in which energy was delivered to the Cooperative. At Cooperative's discretion, such amount shall be credited to PGS Customer's account or paid at least annually.

Any electric energy generated that exceeds the PGS Customer's instantaneous load and delivered by the PGS Customer to the Cooperative from the Qualifying Facilities in excess of the appropriate generator sizing (load), the Cooperative may, at its sole option, pay 100% of the Cooperative's monthly system average cost of energy per kilowatt hour as billed to the Cooperative under the Cooperative's wholesale power supplier's Energy Cost Adjustment (ECA) filing for the period(s) in which energy was delivered to the Cooperative. At Cooperative's discretion, such amount shall be credited to PGS Customer's account or paid at least annually.

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DEFINITIONS

PGS Customer-generator:

The owner or operator of a qualified electric energy generation unit which:

- (a) Is powered by a "Qualifying Facility" for co-generation or small power production as defined in Subpart B of the Public Utility Regulatory Policies Act of 1978 (PURPA), and 18 CFR Part 292;
- (b) Is located on a premises owned, operated, leased, or otherwise controlled by the PGS Customer-generator;
- (c) Is interconnected and operates in parallel phase and synchronization with the Cooperative;
- (d) Is appropriately sized for the PGS Customer-generator's anticipated electric load;
- (e) Meets all applicable safety, performance, interconnection, and reliability standards established by the National Electrical Code, the National Electrical Safety Code, the Institute of Electrical and Electronics Engineers, Underwriters Laboratories, the Federal Energy Regulatory Commission, and any local governing authorities; and (f) Contains a mechanism that automatically disables the unit and interrupts the flow of electricity back onto the Cooperative's electric lines in the event that service to the PGS Customer-generator is interrupted.

Each meter connected under this Rider defines a PGS Customer-generator. A generator owned or operated by a PGS Customer-generator cannot be connected in common with any other meter or be deemed to be for the purpose of serving the load connected to any other meter. To the extent that the PGS Customer-generator controls the Qualifying Facility and meets the requirements and accepts all of the obligations of this Rider, the PGS Customer-generator is not required to own the generating facilities.

TERMS AND CONDITIONS

- 1. The Cooperative will supply, own and maintain at its expense all necessary meters and associated equipment utilized for billing. In addition, and for purposes of monitoring PGS Customer generation and load, the Cooperative may install load research metering at its expense. The PGS Customer shall supply, at no expense to the Cooperative, a suitable location for meters and associated equipment used for billing and for load research. Such equipment shall be accessible at all times to utility personnel.
- The Cooperative shall have the right to require the PGS Customer, at certain times and as electric operating
 conditions warrant, to limit the production of electrical energy from the generating facility to an amount no
 greater than the load at the PGS Customer's facility of which the generating facility is a part.

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(Territory	y to which schedule is applicable)	
	plement or separate understanding odify the tariff as shown hereon.	Sheet 3 of 4 Sheets
3.	Cooperative such relays, locks and seals, breakers	d maintain in good order and repair without cost to the automatic synchronizers, disconnecting devices, and ignated by the Cooperative as being required as suitable Cooperative's system.
4.	have the capability to be locked out by Cooperative event of an electrical outage on the Cooperative's tr Customer. This isolating device shall also serve as during any PGS Customer maintenance activities, r	ole, manual disconnect switch. This manual switch must personnel to isolate the Cooperative's facilities in the ransmission and distribution facilities serving the PGS a means of isolation for the PGS Customer's equipment outine outages or emergencies. The Cooperative shall switch is locked or an isolating device used, if possible; ole after locking or isolating the PGS Customer's
5.		e for any equipment, facilities, protective equipment or on by the PGS Customer of generation in parallel with
6.		or to the initial energizing and start-up testing of the PGS nall have the right to have a representative present at
7.		e problems on the Cooperative's system are directly system, such problem(s) shall be corrected at the PGS
8.	undue hazard to Cooperative personnel. The Coop permitting or continuing to allow an attachment of a Customer-generator that cause loss or injury, include generator agrees to hold the Cooperative harmless	Qualifying Facility or for the acts or omissions of a PGS ling death, to any third party. The PGS Customer-from injury or property damage incurred by any personnance, or use of the parallel generation facility and to
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Prior to installing and interconnecting a Qualifying Fainterconnection contract with the Cooperative setting aspects of parallel generation.	
Service under this Rider is subject to the Cooperative found in the Cooperative's approved rules and regulative.	e's Parallel Generation Interconnection Regulations ations and subsequent modifications thereto.
to insure against all reasonably foreseeable direct lia equipment being interconnected, the interconnection	tion. The amount of such insurance shall be sufficient abilities given the size and nature of the generating itself and the characteristics of the system to which the s than specified in the Cooperative's Parallel Generation
and shall be reviewed and responded to by the Coop kilowatts or less and within 90 days after receipt for a qualified generation unit to the supplier's system, the a certification from a qualified professional electriciar requirements of Cooperative's Parallel Generation In approved rules and regulations. If the application for the PGS Customer-generator does not complete the	in for the PGS Customer-generator's electrical ring diagram and specifications for the generating unit, perative within 30 days after receipt for systems of 10 all other systems. Prior to the interconnection of the PGS Customer-generator shall furnish the Cooperative in or engineer that the installation meets the interconnection Regulations found in the Cooperative's interconnection is approved by the Cooperative and interconnection within one year after receipt of notice of Customer-generator shall be responsible for filing a new lified Renewable Energy Resource, the new PGS
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PARALLEL GENERATION RIDER - RENEWABLE

AVAILABILITY

hall modify the tariff as shown hereon.

Service is available under this Parallel Generation Rider – Renewable ("Rider") at points on the Cooperative's existing electric distribution system, located within its service area, for Parallel Generation Service Customers ("PGS Customers") operating Renewable Energy Resources. The service is available to PGS Customergenerators on a first-come, first-served basis until the total rated generating capability of all interconnections under this Rider equals or exceeds four percent of the Cooperative's peak load for the previous calendar year. Upon reaching this limit, no further service shall be available for that calendar year. This Rider shall not be available for any electric service schedule allowing for resale. A qualifying PGS Customer-generator shall have the alternative option of interconnecting renewable generation under the Cooperative's Net Metering Rider. However, renewable PGS Customer-generators may not change between the Net Metering and Parallel Generation – Renewable Riders without the prior approval of the Cooperative, and such elections shall not be for periods less than one year.

APPLICABILITY

This Rider is applicable to PGS Customer-generators with a properly completed, signed and approved Cooperative interconnection agreement and that are taking service under the Cooperative's normal retail rate schedules. This Rider is not applicable where the nameplate capability of the PGS Customer's electrical generating system exceeds the lesser of the PGS Customers appropriately sized electric load or 25 kilowatts (kW) for residential PGS Customers or 200 kW for commercial PGS Customers.

CHARACTER OF SERVICE

Alternating current, 60 cycles, at the voltage and phase of the Cooperative's established secondary distribution system immediately adjacent to the service location.

BILLING AND PAYMENT

Unless indicated otherwise, the Cooperative shall render a bill for consumption at approximately 30-day intervals during the Cooperative's normal billing process. Billing by the Cooperative to the PGS Customer shall be in accordance with the applicable retail rate schedule.

For electrical energy generated that exceeds the PGS Customer's instantaneous load and delivered by the PGS Customer to the Cooperative from the Renewable Energy Resource, the Cooperative shall pay 150% of the Cooperative's monthly system average cost of energy per kilowatt hour as billed to the Cooperative under the Cooperative's wholesale power supplier's Energy Cost Adjustment (ECA) filing for the period(s) in which energy was delivered to the Cooperative. At Cooperative's discretion, such amount shall be credited to PGS Customer's account or paid at least annually.

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(load), and not subject to this Rider, the Cooperative ma monthly system average cost of energy per kilowatt hou wholesale power supplier's Energy Cost Adjustment (EC	gy Resource in excess of the appropriate generator sizing ay, at its sole option, pay 100% of the Cooperative's	
DEFINITIONS		
DEFINITIONS PGS Customer-generator: The owner or operator of a qualified electric energy generation unit which: (a) Is powered by a Renewable Energy Resource as defined by Kansas state statutes (see definition below); (b) Has an electrical generating capacity of 25 kW or less for residential PGS customers or 200 kW or less for commercial PGS customers; (c) Is located on a premises owned, operated, leased, or otherwise controlled by the PGS Customer-generator; (d) Is interconnected and operates in parallel phase and synchronization with the Cooperative; (e) Is appropriately sized for the PGS Customer-generator's anticipated electric load; (f) Meets all applicable safety, performance, interconnection, and reliability standards established by the National Electrical Code, the National Electrical Safety Code, the Institute of Electrical and Electronics Engineers, Underwriters Laboratories, the Federal Energy Regulatory Commission, and any local governing authorities; and (g) Contains a mechanism that automatically disables the unit and interrupts the flow of electricity back onto the Cooperative's electric lines in the event that service to the PGS Customer-generator is interrupted. Each meter connected under this Rider defines a PGS Customer-generator. A generator owned or operated by a PGS Customer-generator cannot be connected in common with any other meter or be deemed to be for the purpose of serving the load connected to any other meter. To the extent that the PGS Customer-generator controls the Renewable Energy Resources and meets the requirements and accepts all of the obligations of this Rider, the PGS Customer-generator is not required to own the generating facilities. Renewable Energy Resources: Electrical energy produced from an energy resource or technologies defined as renewable in K.S.A. 17-4652, and amendments thereto, and energy produced from municipal or other solid waste and animal waste. Peak load: The one-hour maximum annual demand imposed by the Cooperative's retail load applicable to the		
Effective August 26 2020	Attested John R. Jury	
Month Day Year	Pioneer Electric Board of Trustees	

Ву

_Secretary

Signature of Officer

Ву

	Index No
Pioneer Electric Cooperative, Inc. (Name of Issuing Utility)	Schedule: <u>20-PGS-R</u>
Entire Territory Served (Territory to which schedule is applicable)	Replacing Schedule <u>15-PGS-R</u> Sheet_1-4 Which was filed December 1, 2015
No supplement or separate understanding shall modify the tariff as shown hereon.	Sheet 3 of 5 Sheets
TERMS AND CONDITIONS	

- 1. The Cooperative will supply, own and maintain at its expense all necessary meters and associated equipment utilized for billing. In addition, and for purposes of monitoring PGS Customer generation and load, the Cooperative may install load research metering at its expense. The PGS Customer shall supply, at no expense to the Cooperative, a suitable location for meters and associated equipment used for billing and for load research. Such equipment shall be accessible at all times to Cooperative personnel.
- 2. The Cooperative shall have the right to require the PGS Customer, at certain times and as electric operating conditions warrant, to limit the production of electrical energy from the generating facility to an amount no greater than the load at the PGS Customer's facility of which the generating facility is a part.
- 3. The PGS Customer shall furnish, install, operate and maintain in good order and repair without cost to the Cooperative such relays, locks and seals, breakers, automatic synchronizers, disconnecting devices, and other control and protective devices as shall be designated by the Cooperative as being required as suitable for the operation of the generator in parallel with the Cooperative's system.
- 4. The PGS Customer shall install and maintain a visible, manual disconnect switch. This manual switch must have the capability to be locked out by Cooperative personnel to isolate the Cooperative's facilities in the event of an electrical outage on the Cooperative's transmission and distribution facilities serving the Customer. This isolating device shall also serve as a means of isolation for the PGS Customer's equipment during any PGS Customer maintenance activities, routine outages or emergencies. The Cooperative shall give notice to the PGS Customer before a manual switch is locked or an isolating device used, if possible; and otherwise shall give notice as soon as practicable after locking or isolating the PGS Customer's facilities.
- 5. The PGS Customer shall reimburse the Cooperative for any equipment, facilities, protective equipment or upgrades required solely as a result of the installation by the PGS Customer of generation in parallel with the Cooperative's system.
- 6. The PGS Customer shall notify the Cooperative prior to the initial energizing and start-up testing of the PGS Customer-owned generator, and the Cooperative shall have the right to have a representative present at said test.
- 7. If harmonics, voltage fluctuations, or other disruptive problems on the Cooperative's system are directly attributable to the operation of the PGS Customer's system, such problem(s) shall be corrected at the PGS Customer's expense.

Effective	August 26 2020 Month / Day 2 Year	Attested John R. Jury	
Ву	11C c	Pioneer Electric Board of Trustees By Secretary	
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	Index No			
Pioneer Electric Cooperative, Inc. (Name of Issuing Utility)	Schedule: <u>20-PGS-R</u>			
Entire Territory Served (Territory to which schedule is applicable)	Replacing Schedule <u>15-PGS-R</u> Sheet_1-4 Which was filed December 1, 2015			
No supplement or separate understanding				
shall modify the tariff as shown hereon.	Sheet 4 of 5 Sheets			
undue hazard to Cooperative personnel. The Coopermitting or continuing to allow an attachment of omissions of a PGS Customer-generator that cau PGS Customer-generator agrees to hold the Cooperative personnel.	nage the Cooperative's system or equipment or present an operative shall not be liable directly or indirectly for a PGS Customer-generator facility or for the acts or use loss or injury, including death, to any third party. The perative harmless from injury or property damage incurred peration, maintenance, or use of the parallel generation all liability and expense related thereto.			
Prior to installing and interconnecting a Renewabl standard interconnection contract with the Cooper safety aspects of parallel generation.	le Energy Resource the PGS Customer shall enter into a rative setting forth the conditions related to technical and			
10. Service under this Rider is subject to the Coopera found in the Cooperative's approved rules and reç	ative's Parallel Generation Interconnection Regulations gulations and subsequent modifications thereto.			
found in the Cooperative's approved rules and regulations and subsequent modifications thereto. 11. The PGS Customer-generator shall, at its own expense, maintain in force general liability insurance without any exclusion for liabilities related to the interconnection. The amount of such insurance shall be sufficient to insure against all reasonably foreseeable direct liabilities given the size and nature of the generating equipment being interconnected, the interconnection itself and the characteristics of the system to which the interconnection is made. For Renewable Energy Resource systems having a maximum nameplate generating capability of 10 kW or less, a PGS Customer-generator whose system meets the standards specified in Cooperative's Parallel Generation Interconnection Regulations found in the Cooperative's approved rules and regulations shall not be required to install additional controls, perform or pay for additional tests or distribution equipment or purchase additional liability insurance other than such general liability insurance. For Renewable Energy Resource systems having a maximum nameplate generating capability of greater than 10 kW, the Cooperative's Parallel Generation Interconnection Regulations found in the Cooperative's approved rules and regulations shall: (1) Set forth safety, performance and reliability standards and insurance requirements; and (2) establish the qualifications for exemption from a requirement to install additional controls, perform or pay for additional tests or distribution equipment or purchase additional liability insurance.				
Effective August 26 2020 Month Day Year By CEO Signature of Officer Title	Attested John R. Jury Pioneer Electric Board of Trustees By Secretary			

Pioneer Electric Cooperative, Inc. (Name of Issuing Utility)	Schedule: 20-PGS-R
Entire Territory Served (Territory to which schedule is applicable)	Replacing Schedule <u>15-PGS-R</u> Sheet_1-4 Which was filed December 1, 2015
No supplement or separate understanding shall modify the tariff as shown hereon.	Sheet 5 of 5 Sheets
12. Applications by a PGS Customer-generator for interconne distribution system shall be accompanied by the plan for the generating system, including, but not limited to, a wiring distribution and shall be reviewed and responded to by the Cooperative kilowatts or less and within 90 days after receipt for all other qualified generation unit to the Cooperative's system, the I Cooperative a certification from a qualified professional elements of Cooperative's Parallel Generation Interce approved rules and regulations. If the application for interceithe PGS Customer-generator does not complete the interceithe approval, the approval shall expire and the PGS Customer-generator shall be responsible for filing a new accustomer-generator shall be	ne PGS Customer-generator's electrical agram and specifications for the generating unit, we within 30 days after receipt for systems of 10 er systems. Prior to the interconnection of the PGS Customer-generator shall furnish the extrician or engineer that the installation meets the innection Regulations found in the Cooperative's connection is approved by the Cooperative and connection within one year after receipt of notice of imer-generator shall be responsible for filing a new Renewable Energy Resource, the new PGS
 Ownership of all renewable energy credits, greenhouse gas energy attributes related to any electricity produced by the retained by the PGS Customer-generator. 	eligible renewable energy resource shall be
Effective August 26 2020 Month Day Year By CEO Title By CEO	Attested John R. Jury Pioneer Electric Board of Trustees Secretary

Index No. ____

SCHEDULE <u>LP-TOU-21</u> Replacing Schedule LP<u>-TOU-21</u> Sheet <u>1</u>

Pioneer Electric Cooperative, Inc.

(Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

which was approved March 27, 2012

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 3 Sheets

SCHEDULE LP-TOU-21 LARGE POWER - TIME-OF-USE (EXPERIMENTAL)

APPLICABILITY

This optional rate is restricted initially to ten (10) customers. The rate is predicated on the Cooperative's wholesale supplier maintaining the existing coincident peak billing methodology. If this methodology is changed in the future, changes in this rate may be required.

AVAILABILITY

This rate is available to all customers served under the Cooperative's Large Power Service rate, Schedule LP-09, who have exhibited monthly peak demands of 200 kW or more for at least three (3) months of the last twelve (12) months. Not available for breakdown, standby, supplemental, resale, or shared service.

CHARACTER OF SERVICE

Alternating current, 60 cycles, at the voltage and phase of the Cooperative's established distribution system most available to the location of the Customer.

RATE

Customer Charge:

\$50.00 per month

Demand Charge:

Maximum Actual Demand:

\$4.35 per kW per month

Plus

On-peak Hours Billing Demand:

\$7.37 per kW per month

Energy Charge

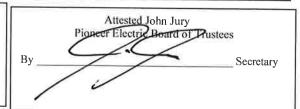
5.50 cents per kWh

MINIMUM MONTHLY BILL

The minimum monthly bill shall be the following:

- 1. A charge of \$1.00 per kVA of installed transformer capacity, plus the customer charge.
- 2. Additionally, where it is necessary to make unusual extensions or to reinforce distribution lines to provide service such that, in the judgment of the Cooperative, the revenue to be derived from, or the duration of the prospective business, is not sufficient under the above-stated minimum to warrant the investment, the Cooperative may require an adequate minimum bill calculated upon reasonable considerations before undertaking to supply the service. In such cases, the Customer shall enter into a written contract with the Cooperative as to the character, amount, and duration of the business offered.

Effective	September	22	2021
	Month	Day	Year
Ву	Signature of C	Officer	CEO Title



(Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

SCHEDULE <u>LP-TOU-21</u> Replacing Schedule <u>LP-TOU-21</u> Sheet 2

which was approved March 27, 2012

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 2 of 3 Sheets

SCHEDULE LP-TOU-21 LARGE POWER - TIME-OF-USE (EXPERIMENTAL) (Continued)

DETERMINATION OF MAXIMUM ACTUAL DEMAND

The Customer's maximum actual demand shall be the maximum rate at which energy is used for any period of fifteen (15) consecutive minutes of the month for which the bill is rendered, as shown by the Cooperative's meter.

DETERMINATION OF ON-PEAK HOURS BILLING DEMAND

The Customer's on-peak hours billing demand shall be the maximum rate at which energy is used for any period of thirty (30) consecutive minutes, as shown by the Cooperative's meter during the time period beginning with 10 A.M. through 10 P.M. local time.

SPECIAL CONDITIONS

The purpose of the proposed time-of-use rate is to promote the efficient use of energy by encouraging the Customer to shift consumption from on-peak periods to off-peak periods. In order to ensure that customers taking service pursuant to this tariff do not increase the Cooperative's purchased demand costs, the hours of availability of service are necessarily limited. The Cooperative recognizes that there may be times when, due to operational problems or equipment outages, the Customer may need to operate during the on-peak period. The Cooperative will permit the Customers to operate during on-peak periods without imposing an on-peak billing demand charge during periods following operational problems under the following conditions:

- 1. The Customer shall assume all risk that the Cooperative's purchased demand costs are increased as a result of Customer's usage during the on-peak period;
- 2. The increase in the Cooperative's purchased demand cost shall be determined by subtracting from actual purchased demand cost for the month, the purchased demand costs that would have otherwise been incurred by the Cooperative if the Customer had not operated during the on-peak time;
- 3. Any increase in the Cooperative's purchased demand cost so determined shall be added to the Customer's regular billing for the month; and
- 4. Availability of service pursuant to these special conditions shall be limited to no more than four (4) occurrences during any calendar year.

Effective	September	22	2021	Attested John Jury
	Month	Day	Year	Pioneer Electric Board of Trustees
Ву	Signature of (Officer	CEO Title	BySecretary

SCHEDULE <u>LP-TOU-21</u>
Replacing Schedule LP<u>-TOU-21</u> Sheet <u>3</u>

(Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

which was approved March 27, 2012

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 3 of 3 Sheets

SCHEDULE LP-TOU-21 LARGE POWER - TIME-OF-USE (EXPERIMENTAL) (Continued)

POWER FACTOR CLAUSE

If the Customer's power factor is found by test to be less than ninety percent (90%) lagging during the period of monthly maximum demand, the demand for billing purposes shall be the measured demand increased by one percent (1%) for each one percent (1%) by which the power factor is less than ninety percent (90%).

TIME-OF-USE METERING COST

The Customer will make a non-refundable contribution equal to the installed cost of necessary time-of-use metering to meter Customer's consumption.

ENERGY COST ADJUSTMENT

Energy sales under this schedule are subject to the Energy Cost Adjustment (Schedule ECA-12).

TERMS OF PAYMENT

In accordance with the rules and regulations of the Cooperative.

Effective	September Month	22 Day	Year	Attested John Jury Pioneer Electric Board of Trustees	
Ву	Signature of O	fficer	<u>CEO</u> Title	Ву	Secretary

(Name of Issuing Utility)

Entire Territory Served

(Territory to which schedule is applicable)

Replacing Schedule A-1-00 Sheet 1

which was approved March 16, 2011

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 1 Sheets

SCHEDULE A-1-09 ELECTRIC SPACE HEATING, COOLING AND WATER HEATING

AVAILABILITY

This tariff is closed to new customers. This tariff was made available to all customers whose basic usage is metered and billed accordingly to the applicable tariffs. This service shall be exclusively for water heating, space heating, and space cooling when said permanently installed all-electric cooling equipment is used for both heating and cooling such as heat pumps and certain other combination of units, upon specific approval by the Cooperative.

CHARACTER OF SERVICE

Alternating current, 60 cycles, single and three phase, at available voltage.

RATE

Usage Occurring in June through August

Customer Charge:

\$3.00 per month

Plus

Energy Charge:

Base Rate

Energy Conservation Rate

9.10 cents per kWh

8.51 cents per kWh

Usage Occurring in September through May

Customer Charge

\$3.00 per month

Plus

Energy Charge:

5.50 cents per kWh

Customer must have a demonstrable seasonal energy efficiency rating (SEER) of 9.00 or better on their space cooling equipment to qualify for the Energy Conservation Rate of 8.16 cents per kWh during the months of July through October.

MINIMUM BILL

Same as Customer Charge.

POWER COST ADJUSTMENT

Energy sales under this schedule are subject to the Power Cost Adjustment (Schedule PCA-09).

TERMS OF PAYMENT

In accordance with the rules and regulations.

Effective	March	16	2011	Attested Eugene Wright
]	Month	Day	Year	Pioneer Electric Board of Trustees
Ву			CEO	Eugene Whij it
]	Signature of	Officer	Title	BySecretary

	Index No
PIONEER ELECTRIC COOPERATIVE, INC. (Name of Issuing Utility)	Schedule: SG-21
ENTIRE TERRITORY SERVED (Territory to which schedule is applicable)	Replacing Schedule <u>Initial</u> Sheet Which was filed
No supplement or sale state of the state of	Chart 1 of 1 Chart
Short mounty the tallin as shown nelectif.	Sheet 1 of 1 Sheets
SELF-GENERATIO	N RIDER
AVAILABILITY	
This Rider is available to those Consumers taking service from Large Power, Large Commercial and Industrial Service, or Large	the Cooperative under the Cooperative's standard ge Industrial Service tariffs.
QUALIFICATIONS	
To qualify for this rider, the Consumer shall (i) own and operate aggregated nameplate capacity of 50 kW or greater; and (ii) sh Cooperative regarding consumer self-generation under this Riddetermined by the Cooperative.	all enter into a service agreement with the
APPLICABILITY	
This Rider shall apply when a formal "Energy Emergency Alert NERC Reliability Standards affecting the Cooperative and its or Cooperative to Consumer for voluntary load reductions by way of its own energy needs (a single Energy Emergency Alert or medical period of time during an energy event shall be known as the "Erequest or need for a Consumer to run self-generation, includin God or distribution system integrity issues.	onsumers and resulting in a request by the of the Consumer self-generating to fulfill all or part nultiple Energy Emergency Alerts issued over a EA Event"). This Rider does not apply to any other
ENERGY CREDIT	
A Consumer who responds to the EEA Event by successfully so Consumer's energy requirements during the EEA Event shall reapplied to the Consumer's kWh usage reduced as a result of ruamount of kWh usage reduced by the Consumer as a result of Cooperative based upon the Consumer's historical usage.	eceive an energy credit equal to \$0.10 per kWh Inning self-generation during the EEA Event. The
PAYMENT	
Payment shall be made as a one-time energy bill credit per EE/Event.	A Event reasonably after the conclusion of the EEA

Issued August Month 25 Day 2021 Year Effective August Month 25 Day 2021

Executive VP/CFO

Chantry C. Scott

Ву

Attested Mike Brewer Pioneer Electric Board of Trustees

Assistant Secretary