
SECTION 1	STATEMENT OF OPERATIONS	6
1.1.	PRELIMINARY STATEMENT (20.2(4) A)	6
1.2.	PRINCIPAL OFFICERS AND DIRECTORS (20.2(5) K)	6
1.3.	AREAS SERVED (20.2(4) H)	6
1.4.	PERSONS AUTHORIZED TO COMMUNICATE WITH BOARD (20.2 (5) K)	6
SECTION 2	DEFINITIONS	7
2.1.	COOPERATIVE	7
2.2.	APPLICANT	7
2.3.	MEMBER-CONSUMER	7
2.4.	BOARD	7
2.5.	PREMISES	7
SECTION 3	REQUIREMENTS FOR SERVICE (20.2(3)) & (20.2 (4) O)	8
3.1.	APPLICATION	8
3.2.	MEMBERSHIP FEE	8
3.3.	MEMBER-CONSUMER DEPOSITS (20.4(3))	8
3.3.1	<i>Amount of Deposit (20.4(3) d)</i>	8
3.3.2	<i>Interest on Deposit (20.4(4))</i>	8
3.3.3	<i>Receipts (20.4(6))</i>	9
3.3.4	<i>Deposit Refund (20.4(7))</i>	9
3.3.5	<i>Additional Deposits (20.4(34) b)</i>	9
3.3.6	<i>Non-Compliance</i>	9
3.4.	RIGHT-OF-WAY	9
3.4.1	<i>Procurement</i>	9
3.4.2	<i>Initial Clearing</i>	10
3.4.3	<i>Applicant's Premises - Right-of-Way</i>	10
SECTION 4	CHARACTERISTICS OF SERVICE (20.2(4) D) & (20.2(7))	11
4.1.	STANDARD	11
4.2.	CHARACTER	11
4.3.	CLASSES	11
4.4.	PRIMARY VOLTAGE SERVICES	11
SECTION 5	SERVICE EXTENSIONS (20.2(4) K) & (20.2(4) W) & (20.3(13))	12
5.1.	AVAILABILITY	12
5.1.1	<i>Point of Delivery (20.2(4) m)</i>	12
5.2.	SERVICE CLASSIFICATIONS (20.2(4) J)	12
5.2.1	<i>Regular Farm and Home Service</i>	12
5.2.2	<i>Residential (Non-Farm) Service</i>	12
5.2.3	<i>Non-Residential, Low Use Service</i>	13
5.2.4	<i>Commercial and Industrial Service</i>	13
5.2.5	<i>Special Classifications</i>	13
5.2.6	<i>Irrigation</i>	13
5.2.7	<i>Temporary Service</i>	13
5.2.8	<i>Multi-Phase Service</i>	14
5.2.9	<i>Large Power Contracts</i>	14
5.3.	TRANSFORMER SIZE	14

Issued: November 20, 2012

Issued By: Warren McKenna Title: Manager Effective: January 1, 2013

5.4.	ELECTRIC ENERGY SALES ESTIMATE	14
5.5.	CHARGES ASSOCIATED WITH LINE EXTENSIONS	14
5.5.1	<i>Permanent Single & Multi-Phase Line Extensions</i>	14
5.5.2	<i>Temporary Single & Multi-Phase Line Extensions</i>	16
5.6.	CONVERSION OF SINGLE-PHASE SERVICE TO MULTI-PHASE AT THE MEMBER-CONSUMERS REQUEST	16
SECTION 6	REFUSAL OR DISCONNECTION OF SERVICE (20.4(15))	18
6.1.	REASONS FOR DENYING SERVICE (20.4(15))	18
6.2.	INSUFFICIENT REASONS FOR DENYING SERVICE (20.4(16))	23
6.3.	RESALE OF ENERGY	24
6.4.	CUSTOMER RIGHTS AND REMEDIES TO AVOID DISCONNECTION (20.4(15) H3)	24
SECTION 7	METER INSTALLATIONS (20.2(4) M)	26
7.1.	OWNERSHIP	26
7.1.1	<i>Meter Location</i>	26
7.1.2	<i>Meter Placement</i>	26
7.1.3	<i>Multi-occupancy Premises</i>	26
7.2.	TYPES OF METER LOOP INSTALLATIONS	27
7.2.1	<i>Self-Contained Metering</i>	27
7.2.2	<i>Meter Loop Construction</i>	27
7.2.3	<i>Current Transformer Installation</i>	27
7.3.	TEMPORARY METER LOOPS (CONSTRUCTION SITES)	27
7.4.	PRIMARY METERING	27
7.5.	METER SEALS	27
7.5.	MULTIPLE SERVICE THROUGH ONE METER	27
SECTION 8	UNDERGROUND ELECTRIC FACILITIES (20.2(4) N)	28
8.1.	OWNERSHIP AND/OR CONTRIBUTIONS	28
8.2.	SPECIFICATIONS	28
8.2.1	<i>Self-Contained Metering</i>	28
8.2.2	<i>Current Transformer Metering</i>	28
8.3.	NEW UNDERGROUND FACILITIES - PLATTED AREAS	28
8.3.1	<i>Easements</i>	28
8.3.2	<i>Grade</i>	28
8.4.	NEW UNDERGROUND FACILITIES TO SINGLE SERVICE	29
8.5.	REPLACE EXISTING FACILITIES WITH UNDERGROUND FACILITIES	29
SECTION 9	WIRING STANDARDS (20.2(4) 1)	30
9.1.	COOPERATIVE'S REQUIREMENTS	30
9.1.1	<i>Wiring Specifications</i>	30
9.1.2	<i>Inspections</i>	30
9.2.	MEMBER-CONSUMER'S RESPONSIBILITY	30
9.2.1	<i>Liability of Member-Consumer</i>	30
SECTION 10	METER READING	31

Issued: November 20, 2012

Issued By: Warren McKenna Title: Manager Effective: January 1, 2013

SECTION 11	BILLING PROCEDURE (20.4(12)) & (20.2(4) V)	32
11.1.	TYPE OF BILLING	32
11.2.	BILLING PERIOD (20.3(6))	32
11.3.	DUE DATE	32
11.3.1	<i>Bill</i>	32
11.3.2	<i>Late Payment Charge (20.4(12))</i>	32
11.3.3	<i>Forgiveness of One Late Payment (20.4(12))</i>	32
11.3.4	<i>Change of Date of Delinquency (20.4(12))</i>	33
11.4.	FAILURE TO RECEIVE BILL	33
11.5.	LEVEL PAYMENT PLAN (20.4(12))	33
11.6.	PARTIES RESPONSIBLE FOR PAYMENT	33
11.7.	RENTAL ACCOUNT ACTIVATION FEE	33
SECTION 12	COLLECTIONS (20.2(4) P)	34
12.1.	PROCEDURE	34
12.1.1	<i>Payment Agreements (20.4(11) & (20.2(4) z)</i>	34
12.2.	RETURNED CHECKS	35
12.3.	RECONNECTION CHARGE RESULTING FROM NONPAYMENT ...	36
12.4.	COLLECTION CHARGE	36
SECTION 13	METER TESTING (20.6)	37
13.1.	ROUTINE TESTING	37
13.1.1	<i>Limits</i>	37
13.1.2	<i>New Meters</i>	37
13.2.	REQUEST TEST	37
13.2.1	<i>Referee Tests</i>	38
13.3.	ADJUSTMENTS OF BILLS (20.4 (14))	38
13.3.1	<i>Meter Error</i>	38
13.3.2	<i>Determination of Adjustment</i>	38
13.3.3	<i>Refunds</i>	39
13.3.4	<i>Back Billing</i>	40
13.3.5	<i>Overcharges</i>	40
13.3.6	<i>Undercharges</i>	40
13.4.	GROUND ON MEMBER-CONSUMER'S PREMISES (20.2(4) U)	40
13.5.	SPECIAL METERING INSTALLATION	41
SECTION 14	UNCOLLECTED ACCOUNTS (20.2(4) P)	42
14.1.	SERVICE RECONNECTION	42
14.2.	COLLECTION AGENCY	42
14.3.	PATRONAGE DIVIDEND DEDUCTIONS	42
14.4.	MEMBERSHIP DEDUCTIONS	42
SECTION 15	TEMPORARY DISCONNECTS	43
15.1.	DEFINITIONS	43
15.2.	AVAILABILITY	43
15.3.	CHARGES	43

Issued: November 20, 2012

Issued By: Warren McKenna Title: Manager Effective: January 1, 2013

SECTION 16	IDLE SERVICES	44
16.1.	DEFINITIONS	44
16.2.	CHARGES	44
16.3.	REBUILDING	44
SECTION 17	SERVICE CALLS	45
17.1.	COOPERATIVE'S RESPONSIBILITY	45
17.2.	MEMBER-CONSUMER'S RESPONSIBILITY	45
17.3.	CHARGES	45
SECTION 18	RELOCATION OF FACILITIES	46
18.1.	COOPERATIVE'S FACILITIES	46
18.2.	MEMBER-CONSUMER'S FACILITIES	46
18.3.	MOVING OF BUILDINGS	46
SECTION 19	USE OF COOPERATIVE'S FACILITIES	47
19.1.	COOPERATIVE FACILITIES	47
19.2.	METER POLE	47
19.3.	POLES OWNED BY COOPERATIVE OTHER THAN METER POLES	47
19.4.	NON-LIABILITY OF COOPERATIVE	47
SECTION 20	DAMAGE TO COOPERATIVE'S FACILITIES	48
20.1.	MEMBER-CONSUMER'S RESPONSIBILITY	48
20.2.	PROTECTION OF COOPERATIVE'S FACILITIES ON MEMBER-CONSUMER'S PREMISES	48
SECTION 21	LIGHTING SERVICE	49
21.1.	DEFINITIONS	49
21.2.	AVAILABILITY	49
21.3.	MAINTENANCE OF OUTDOOR LIGHTING EQUIPMENT	49
21.4.	CHARGES	50
21.5.	MEMBER-CONSUMER PERMISSION	50
SECTION 22	SPECIAL CONDITIONS OF SERVICE	51
22.1.	CORRECTIVE EQUIPMENT	51
22.2.	ARC WELDING INSTALLATIONS	51
22.3.	REQUIREMENTS FOR ELECTRIC MOTORS	51
22.3.1	<i>Safety Requirements</i>	51
22.3.2	<i>Protective Devices</i>	51
22.3.3	<i>Large Motor Applications</i>	51
22.3.4	<i>Starting Equipment</i>	52
22.3.5	<i>Maximum Single-Phase Loads</i>	52
22.4.	STANDBY GENERATORS	52
22.5.	NEW STRUCTURE ENERGY CONSERVATION STANDARDS (20.12)	52
SECTION 23	COMPLAINTS (20.2(4) Y)	53
23.1.	MEMBER-CONSUMER COMPLAINTS	53
23.2.	RECORDS	53

Issued: November 20, 2012

Issued By: Warren McKenna Title: Manager Effective: January 1, 2013

SECTION 24	INSPECTION OF ELECTRICAL PLANT (25.3)	54
24.1.	PERIODIC INSPECTION	54
24.2.	INSPECTION FORMS	54
24.3.	FILING	54
24.4.	CONSTRUCTION AND MAINTENANCE	54
SECTION 25	COGENERATION AND SMALL POWER PRODUCTION	55
25.1.	AVAILABILITY	55
25.2.	DEFINITIONS	55
25.3.	REQUIREMENTS FOR INTERCONNECTION	55
25.3.1	<i>Acceptable Standards</i>	55
25.3.2	<i>Application Form and Interconnection Agreements</i>	56
25.3.3	<i>Certificate of Completion</i>	57
25.4.	PRICES	59
25.4.1	<i>Prices for purchases by the member-consumer from the Cooperative</i>	59
25.4.2	<i>Prices for purchases by the Cooperative from member-consumer</i>	59
25.4.3	<i>Renewable energy credits from interconnection customers</i>	59
SECTION 28	PRICES	60
A.	Single Phase Service	60
B.	Three Phase Service	61
C.	Large Power Rate	62
D.	Space Heating Rate	63
E.	Security Lights	64
F.	Consumer Renewable Energy Sales 1S1	65
G.	Consumer Renewable Energy Sales 2S1 - 2S	66
28.1.	ELECTRIC COST ADJUSTMENT CLAUSE - Rider No. 1	67
28.2.	ELECTRIC TAX ADJUSTMENT - Rider No. 2	68
SECTION 29	RENEWABLE ENERGY - Rider No. 3	69
29.1.	ALTERNATE ENERGY PURCHASE PROGRAM	69

Issued: November 20, 2012

Issued By: Warren McKenna Title: Manager Effective: January 1, 2013

Section 25. COGENERATION AND SMALL POWER PRODUCTION

25.1 Availability

This section shall apply to any qualifying alternate energy production facility within the Cooperative's assigned service area. An interconnection customer with electric generating equipment shall not connect it in parallel with the Cooperative's system without the prior consent of the Cooperative.

25.2 Definitions

"Avoided Costs" means the incremental costs to the Cooperative of electric energy or capacity or both which, but for the purchase from the qualifying facility, the Cooperative would generate itself or purchase from another source.

Unless otherwise defined herein, terms used shall have the same meaning as defined in 199 IAC 45.1.

25.3 Requirements for Interconnection

All facilities shall comply with all of the Cooperative's requirements of general rules for electric service as well as the specific provisions of this section.

25.3.1 Acceptable Standards

- A. The interconnection customer shall comply with acceptable standards for interconnection, safety, and operating reliability. Acceptable standards include the most current revisions of the following in order to be eligible for interconnection to the Cooperative's electric system:
1. Standards for Interconnecting Distributed Resources with Electric Power Systems, ANSI/IEEE Standard 1547-2003
 2. Iowa Electrical Safety Code, as defined in 199 - Chapter 25.
 3. National Electrical Code, ANSI/NFPA 70-2008.
- B. The interconnection customer facility shall provide a switch with a visible break or opening. Both the operator of the qualifying facility and the Cooperative shall have access to the interconnection switch at all times.
- D. The interconnection customer will regularly inspect, maintain, and service the facility for safe and reliable operation.
- E. The interconnection customer shall indemnify and defend the Cooperative and its representatives against liability for any injuries or damages caused by the operation of the interconnection customer's equipment or by any failure of the interconnection customer to maintain such equipment in satisfactory or safe operating condition. The interconnection customer shall provide proof that they have a current homeowner insurance policy or other general liability policy.

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Farmers Electric Cooperative
Electric Tariff
Filed with Iowa Utilities Board

Section 28 PRICES
FOURTH Revised
Cancels THIRD

Sheet No. 60
Sheet No. 60

Section 28 PRICES

PRICE DESIGNATION - A - Single Phase Service

Availability:

Applicable to all consumers in the Company's entire service area requiring 100 KVA or less of transformer capacity, subject to the established Rules and Regulations covering this type of service.

Type of Service:

Single-Phase, 60 cycles, 120/240 volts.

Rate per Month:

Facilities Charge - \$17.50

Energy Charge:

First 800 KWH @ \$0.125 per KWH

All other KWH @ \$0.115 per KWH

Electric Cost Adjustment: See Rider No. 1

Tax: See Rider No. 2

Renewable Energy: See Rider No. 3

Load Management Credit: \$4.00 per month

Minimum Monthly Charge: The minimum monthly charge is the facilities charge.

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Electric Tariff
Filed with Iowa Utilities Board

Section 28 PRICES
FOURTH Revised
Cancels THIRD

Sheet No. 61
Sheet No. 61

PRICE DESIGNATION - B - Three Phase Rate

Availability:

Applicable to all consumers, located along the cooperatives three-phase distribution lines, for three-phase use, requiring 100 KVA or less of transformer capacity, subject to the established rules and regulations of the cooperative covering this type of service.

Type of Service:

Three-phase, 60 cycles, voltages to be determined by the needs of the consumer according to the established Rules and Regulations of the Company.

Rate per Month:

Facilities Charge - \$35.00

Energy Charge:

First 800 KWH @ \$0.126 per KWH
All other KWH @ \$0.108 per KWH

Electric Cost Adjustment: See Rider No. 1

Tax: See Rider No. 2

Renewable Energy: See Rider No. 3

Load Management Credit: \$4.00 per month

Minimum Monthly Charge: The minimum monthly charge is the facilities charge.

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PRICE DESIGNATION - C - Large Power Rate

Availability:

Applicable to all consumers for single and three-phase use, requiring over 100 KVA of transformer capacity, subject to the established rules and regulations of the cooperative covering this type of service.

Type of Service:

Single or three-phase, 60 cycles, voltage to be determined by the needs of the consumer according to the established Rules and Regulations of the Company.

Rate per Month:

Facilities Charge -	\$100.00
Demand Charges	
Per KW of Demand	\$15.70

Energy Charge:

All KWH	\$0.063
---------	---------

Electric Cost Adjustment: See Rider No. 1

Tax: See Rider No. 2

Renewable Energy: See Rider No. 3

Determination of Billing Demand: The billing demand to be used for billing purposes each month shall be the maximum integrated KW demand recorded by the standard meter during any fifteen (15) minute interval in the billing month. In no month shall the monthly billing demand be less than 50 KW, or less than 75% of the highest billing demand during the previous eleven (11) months.

Primary Voltage Provision: Where customer takes service at a primary voltage level so that the metering does not measure any distribution transformer losses the Kilowatt hour readings shall be credited 2% before the rate is applied.

Power Factor: The billing demand will be increased by one percent (1%) for each one percent (1%) customer's power factor is below 95%, as measured by periodic test or by permanent meters.

Minimum Monthly Charge: The minimum monthly charge is the facilities plus demand charges.

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Electric Tariff
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Section 28 PRICES
FOURTH Revised
Cancels THIRD

Sheet No. 63
Sheet No. 63

PRICE DESIGNATION - D - Space Heating Rate

Availability:

Applicable to all consumers in the Cooperative's entire service area for space heating, where consumer's demand coincident with Cooperative's monthly system peak does not exceed 200kW, and where electricity is the main or principal source of energy for space heating, and where such service is supplied through a separate meter.

Type of Service:

Single or Three-phase, 60 cycles at available Secondary voltages.

Rate per Month:

Facilities Charge - None

Energy Charge:

	Summer	Winter
1 st 800 KWH	\$0.125	\$0.0725
All other	\$0.115	\$0.0725

Summer includes the months of June, July, August, and September.

Winter includes all the remaining months.

Electric Cost Adjustment: See Rider No. 1

Tax: See Rider No. 2

Renewable Energy: See Rider No. 3

Minimum Monthly Charge: None

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