

APPALACHIAN ELECTRIC COOPERATIVE
SERVICE POLICIES 2022-05
SCHEDULE A

This schedule provides information for a variety of aid-to-construction charges to be applied to single-phase overhead primary line extension applications and minimum bill calculations.

I. Single Phase Overhead Primary Line Extension

As of May 1, 2021, the cost of a single-phase overhead primary line extension averaged approximately \$1,960 per span. This cost accounted for poles, conductor (#2ACSR), line hardware, proper grounding and periodical guying, but excluded any transformer cost. When the consumer, requesting electric service, is required to share the construction cost for a single-phase overhead primary line extension, including slack spans, the following aid-to-construction charges and minimum bills shall apply.

- A. The aid-to-construction charge for each of the first six (6) spans of overhead primary line extensions shall be 50% of the cost of an average span, or \$980.00 per applicable span.
- B. The aid-to-construction charge for all overhead primary line extensions shall beyond the first six (6) spans shall be 75% of the cost of an average span, or \$1,565.00 per applicable span.

II. Single Phase Overhead Primary Line Extension in Subdivisions or Mobile Home Parks

The aid-to-construction charge for each span of overhead primary line extension into subdivisions or mobile home parks shall be 25% of the cost of an average span, or \$490.00 per span.

III. Minimum Bill Calculation

For each application span of overhead primary line extension where an aid-to-construction charge is required, a monthly minimum bill amount of \$5.00 shall be required in addition to the member's base customer charge for an initial five (5) year period.

APPALACHIAN ELECTRIC COOPERATIVE
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 SCHEDULE B

BREAKDOWN OF AID-TO-CONSTRUCTION COST ¹			
208Y/120 VOLT INSTALLATIONS			
KVA SIZE	A-T-C	KVA SIZE	A-T-C
45 ²	1,540.00	225	2,270.00
75	1,640.00	300	2,270.00
112	1,880.00	501	2,330.00
150	1,880.00	750	3,670.00
480Y/277 VOLT INSTALLATIONS ^{3,4}			
KVA SIZE	A-T-C	KVA SIZE	A-T-C
45	2,920.00	225	3,680.00
75	3,020.00	300	3,820.00
112	1,670.00	501	3,860.00
150	3,080.00	750	11,060.00

¹ Consideration will be given to 500 kVA or greater requests.
² ATC charge for a 45kVA 208Y/120 volt bank with self-contained metering is \$975.
³ ATC charge for 480Y/277 volt banks includes the cost of three potential transformers.
⁴ For a self-contained 480Y/277 volt service, subtract \$790 from the ATC charge.

SPAN	COST	DESCRIPTION
1	\$785.00	50% of the cost difference between 1Ø and 3Ø
2 – 6	\$1,565.00	50% of the cost of 3Ø
7 or more	\$2,350.00	75% of the cost of 3Ø

UP AND DOWN COST TO EXCHANGE TRANSFORMER BANK: This cost is to be calculated by AEC's Accounting Department at 100% of the cost.

Primary Metering: For all 3Ø primary metering installations, the current cost of \$7,480.00 shall be added. For all 1Ø primary metering installations, the current cost of \$2,825.00 shall be added.

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 SCHEDULE C

Minimum Bill Explanation and Schedule

The monthly bill under the Cooperative’s retail rate schedule shall not be less than the sum of (a) the base customer charge; (b) the base demand charge, as adjusted, applied to the customer’s billing demand; and (c) the base energy charge, as adjusted, applied to the customer’s energy takings; provided, however, that under two of the base charges, the monthly bill shall in no event be less than the sum of (a) the base customer charge and (b) 20% of the portion of the base demand charge, as adjusted, applicable to the second block (excess over 50 kW) of billing demand, multiplied by the higher of the customer’s current effective contract effective contract demand or its highest billing demand established during the preceding 12 months.

All contract demands of 50 kW or less will have a minimum bill of \$2.00 per kW.

Example:	Contract Demand of 45Kw (45 kW)(\$2.00) =	Minimum Bill Calculation \$90.00
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All contract demands over 50 kW will have a minimum bill of 20% of contract demand kW multiplied by the demand charge set in the Cooperative retail rate schedule for demand in excess of 50 kW, plus the appropriate base customer charge.

Example:	Contract Demand of 150 kW (150 kW) (20%) (\$14.48) Customer Charge	⇒ ⇒ =	Minimum Bill Calculation \$434.40 + \$96.00 <hr/> \$530.40
	Minimum Bill (total)		

KVA	MINIMUM BILL	KVA	MINIMUM BILL
55	255.28	225	747.60
75	313.20	250	820.00
87	347.96	300	964.80
112	420.36	367	1,158.84
125	458.00	500	1,544.00
150	530.40	501	1,546.90
175	602.80	750	2,268.00

APPALACHIAN ELECTRIC COOPERATIVE

SERVICE POLICIES 2022-05

SCHEDULE D

This schedule provides information for a variety of miscellaneous aid-to-construction charges.

I. Installation of Poles and Transformer for Security Lights

- A. The aid-to-construction charge, representing the labor installation cost, when additional standard poles are required for the installation of security lights, shall be \$185.00 for each standard pole. An additional monthly charge in the amount of \$1.00 per pole per month shall also be included in the security light charge on the member's monthly electric bill.
- B. The aid-to-construction charge, representing the labor installation cost, when additional non-standard poles are required for the installation of security lights shall be the actual installation cost of such non-standard pole. An additional appropriate monthly charge for each non-standard pole shall also be included in the security light charge on the member's monthly electric bill.
- C. The aid-to-construction charge, representing the labor installation cost, when a transformer is required for the security light only, shall be \$185.00. An additional monthly charge in the amount of \$3.00 shall also be included in the security light charge on the member's monthly electric bill.

II. Incentive for the installation of Multi-Gang Meter Bases in Mobile Home Parks

- A. For the installation of multi-gang meter bases for three or more meters, the Cooperative shall waive any aid-to-construction charge for underground secondary service.

APPALACHIAN ELECTRIC COOPERATIVE
 SERVICE POLICIES 2022-05
 SCHEDULE E
 SINGLE PHASE UNDERGROUND ELECTRIC FACILITIES
 AID-TO-CONSTRUCTION AND BREAKDOWN

I.	Single Phase Underground Secondary Services – Aid-to-Construction Charges	
A.	Underground service, 200/225 amp main	655.00
B.	Underground service, 320 amp main	670.00
C.	Secondary Enclosure (pull box)	540.00
D.	Secondary Enclosure (pull box, old style)	955.00
E.	Hill Holder	530.00
	* This aid-to-construction charge will be waived under the following situations:	
1.	When the service is to a total electric home with an electric heat pump.	
2.	When the horizontal length of the underground service is 15 feet or less.	
3.	For multi-gang meter base conditions under Policy Series 1000, Schedule D, Section II.	
4.	A gas fireplace insert is acceptable.	
5.	Duel fuel heat pump is acceptable but the heat pump must have an inspection.	
II.	Single Phase Underground Primary extensions – Cost Breakdown	
A.	Primary Riser from an Existing Pole	2,570.00
B.	Exit from an Existing Primary Enclosure	235.00
C.	200 Amp UG (1/0 conductor and 2-1/2" conduit)	13.00 per foot
D.	200 Amp UG (1/0 conductor only)	8.00 per foot
E.	Installation of 1Ø Pad-mounted Primary Enclosure	5,320.00
F.	Installation of 1Ø Pad-mounted Transformer, 25kVA	6,320.00
G.	Installation of 1Ø Pad-mounted Transformer, 37.5VA	6,780.00
H.	Installation of 1Ø Pad-mounted Transformer, 50kVA	8,680.00
I.	Installation of 1Ø Pad-mounted Transformer, 75kVA	9,780.00
J.	Installation of 1Ø Pad-mounted Transformer, 100kVA	5,320.00

APPALACHIAN ELECTRIC COOPERATIVE
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 SCHEDULE F
 THREE PHASE UNDERGROUND ELECTRIC FACILITIES
 AID-TO-CONSTRUCTION AND BREAKDOWN

- I. Three Phase Underground Secondary Services – Aid-to-Construction Charges
 - A. Customer shall install, own and maintain all 3Ø secondary services
 - B. Secondary Copper Connectors
 - 1. For conductors from 2/0 to 350 66.00 each
 - 2. For conductors over 350 to 500 84.00 each
 - 3. For conductors over 500 to 1000 115.00 each
 - C. Secondary Aluminum Connectors
 - 1. For conductors from 2/0 to 350 54.00 each
 - 2. For conductors over 350 to 500 92.00 each
 - 3. For conductors over 500 to 1000 126.00 each

- II. Three Phase Underground Primary extensions – Cost Breakdown
 - A. Primary Riser from an Existing Pole 4,980.00
 - B. Exit from an Existing Primary Enclosure 850.00
 - C. 3 x 200 Amp UG (1/0 conductor and 4" conduit) 35.00 per foot
 - D. 3 x 200 Amp UG (1/0 conductor only) 23.00 per foot
 - E. Installation of 3Ø Pad-mounted Primary Enclosure 3,910.00
 - F. Installation of 3Ø Pad-mounted Transformer, 75 kVA 13,750
 - G. Installation of 3Ø Pad-mounted Transformer, 150 kVA 26,670
 - H. Installation of 3Ø Pad-mounted Transformer, 300 kVA 47,110
 - I. Installation of 3Ø Pad-mounted Transformer, 500 kVA 69,770
 - J. Installation of 3Ø Pad-mounted Transformer, 750 kVA 91,500
 - K. Installation of 3Ø Pad-mounted Transformer, 1000 kVA 108,010
 - L. Installation of 3Ø Pad-mounted Transformer, 1500 kVA 130,900
 - M. Installation of 3Ø Pad-mounted Transformer, 2000 kVA 135,610
 - N. Installation of 3Ø Pad-mounted Transformer, 2500 kVA 132,230
 - O. Installation of 3Ø Pad-mounted Transformer, 3000 kVA 124,130

OR

- L. Installation of 3Ø Pad-mounted Transformer, 1500 kVA and above Use Current Pricing