

Rate Schedule - Appendixes

FOR: ENTIRE TERRITORY SERVED  
P.S.C. KY. NO. 6  
CANCELLING P.S.C. KY NO.5

SOUTH KENTUCKY R.E.C.C.  
SOMERSET, KENTUCKY 42501

APPENDIX A

UNDERGROUND COST DIFFERENTIAL

A subdivision of which 113 lots are served Underground.

The line designed at 14.4 KV Primary Voltage, using loop feed:

Underground Cost per Foot	\$12.53
Overhead Cost per Foot	<u>3.00</u>
Average Cost Differential	<u>\$ 9.53</u>

UNDERGROUND COST COMPUTATION

	<u>Footage</u>	<u>Material</u>	<u>Estimated: Trench, Sand Backfill Backhoe</u>	<u>Initial Labor &amp; Overhead</u>	<u>Total Cost</u>
Job Totals	33,518	\$221,631.39	\$69,294.93	\$129,044.30	\$419,970.62
Cost per Foot		\$ 6.61	\$ 2.07	\$ 3.85	\$ 12.53

TYPICAL ROCK CLAUSE: An additional \$47.67 per linear trench foot shall be charge where extreme rock conditions are encountered, such conditions being defined as limestone, or other hard stratified material in a continuous volume of at least one cubic yard or more which cannot be removed using ordinary excavation equipment.

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE

Attachments to this appendix follows:

JUN 6 1991

PURSUANT TO 807 KAR 5:011.  
SECTION 9 (1)

BY: [Signature]  
PUBLIC SERVICE COMMISSION MANAGER

DATE OF ISSUE: MAY 7, 1991

DATE EFFECTIVE: MAY 7, 1991

ISSUED BY: [Signature]  
SOUTH KENTUCKY R.E.C.C. P.O. BOX 910

PRESIDENT/GEN. MANAGER  
SOMERSET, KENTUCKY 42501

C-10-92

UNDERGROUND COST DIFFERENTIAL

Procedure - Underground Primary Jobs  
Other Than A Loop Feed Subdivision

The Co-op makes a cost estimate for each individual job for constructing the line underground.

The member is given the option of providing the trench, backfill, conduit and concrete transformer pad, to the Co-op's specifications.

The overhead cost per foot is taken away from this estimated underground cost per foot and the member pays that difference.

The design of the underground line does influence the cost of the job. Each job is designed to give the best continuity of service at the lowest possible price.

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE

JUN 6 1991

PURSUANT TO 807 KAR 5:011,  
SECTION 9 (1)

BY: *Shawn Deller*  
PUBLIC SERVICE COMMISSION MANAGER

C10-92

UNDERGROUND COST DIFFERENTIAL

Specifications for Underground Service

1. Meter base must be approved for underground service. (No bolt-in type meter).
2. Distance not to exceed 200' from base of transformer pole to meter base.
3. Ditch shall be a minimum of 24" below ground level.
4. The landowner, developer or electrical contractor shall dig, prepare, and fill the trench for the underground service.
5. The landowner, developer or electrical contractor shall furnish and install all pipe and fittings for underground along with 1/4 inch pull rope.
6. Conduit to be installed with not more than two (2) 90 degree conduit elbows and one (1) 45 degree or equivalent. If more bends are needed, special approval must be granted by South Kentucky RECC. (Do not use center knockout bottom of meter base).

If conduit has been installed in a manner that wire cannot be pulled, it will be the responsibility of others to rework at their expense. Care must be taken at time of backfill work to prevent rock, etc. from being in contact with the conduit.

7. The installer of conduit is to install pipe in ditch and turn up 90 degree sweep elbow 5" from back of pipe to face of pole only and install a cap on the end of pipe. (See inset drawing). Do not install on pole because of safety practices. Leave two (2) 10" lengths of conduit and weatherhead at the pole for South Kentucky RECC employees to install on pole.

8. Underground conduit shall be:

Single Run - 2 1/2" P.V.C. Schedule 40 - 150 - 200 Amps  
Double run - 2 1/2" P.V.C. Schedule 40 - 400 Amps

All conduit and fitting shall be listed for use as electrical.  
(No Plumbing Pipe or Fittings).

- \* The Co-op will provide this at a cost to the member, however, it is normally more feasible for the member to provide.

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OF KENTUCKY  
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PURSUANT TO 807 KAR 5:011,  
SECTION 9 (1)

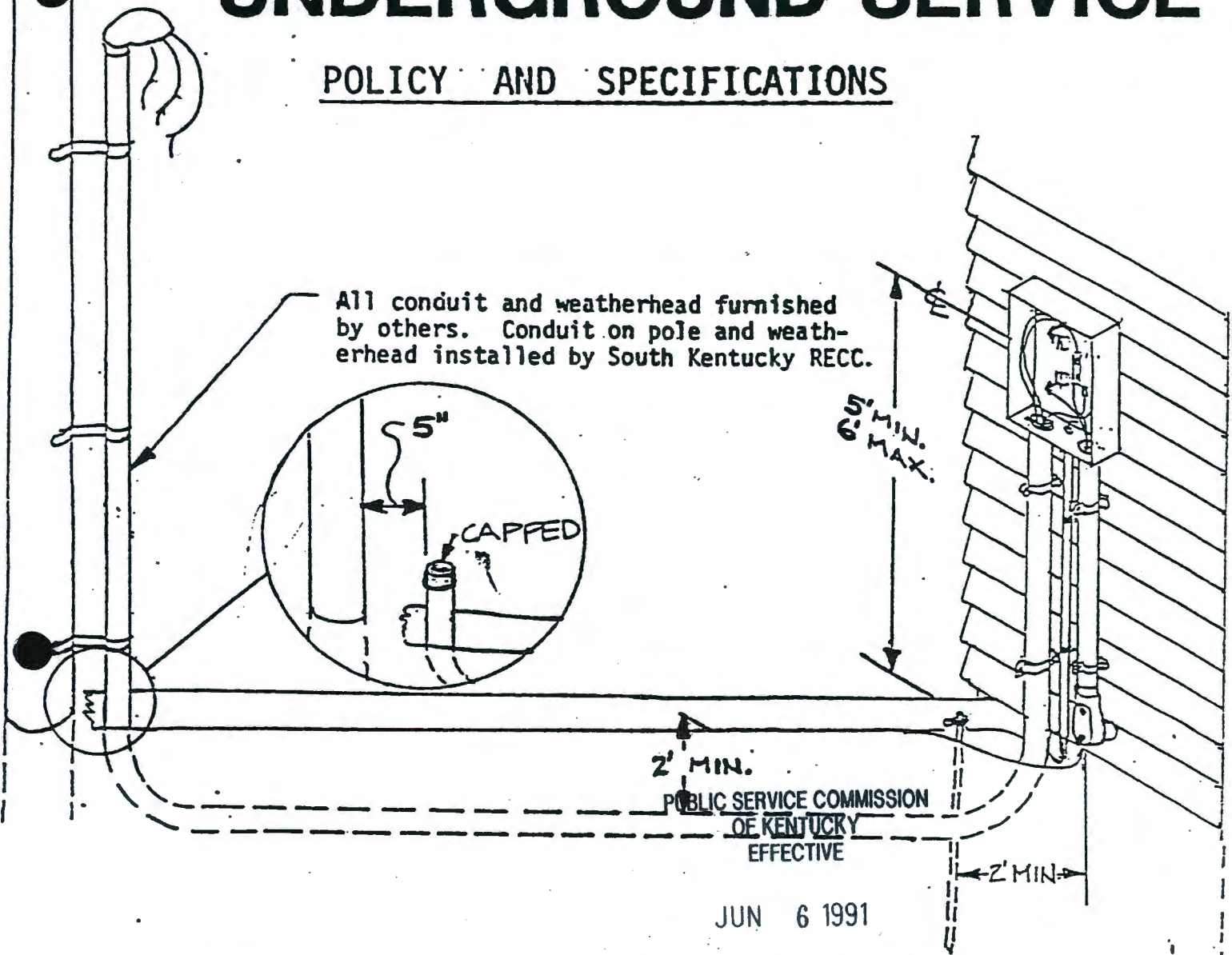
BY: Shirley Deller  
PUBLIC SERVICE COMMISSION MANAGER

C10-92

SOUTH KENTUCKY RECC

# UNDERGROUND SERVICE

## POLICY AND SPECIFICATIONS



### UNDERGROUND SERVICE POLICY

Underground service will be provided to residential loads where the load's main entrance is 150 amps. or greater and the member is willing to abide by all the listed specifications for installation.

South Kentucky RECC to furnish and install the proper size wire in conduit provided by others in a manner as per specifications.

Underground service will not be provided where overhead service is existing except at the member's expense nor will overhead be provided where underground is existing except at the member's expense.

South Kentucky RECC shall be notified by anyone wanting underground service at the time the member requests temporary construction power or bear the cost if change is made.

PURSUANT TO 807 KAR 5:011,  
SECTION 9 (1)

BY: *[Signature]*  
PUBLIC SERVICE COMMISSION MANAGER

C10-92

SOUTH KENTUCKY R.E.C.C.

M E M O

TO: Clifford M. Payne  
FROM: Jackson Denham  
DATE: March 13, 1989  
SUBJECT: Cost per Foot URD as Registered with PSC

I received another phone call from Eli El-Rouaiheb with the PSC today (3/13/89) and answered some of his questions.

He wants us to re-submit our Underground Cost Differential and include the following.

1. Our policy as to underground secondary.
2. Our policy to serve an individual residence (radial feed) where they provide a part of the job, such as the trench, conduit, concrete pad, sand and backfill.

Elie says our cost differential of \$9.53 per foot is the highest he knows of in the State. Most others are in the ~~range of~~ \$5.00.

We have a mistake on the "Appendix A" we sent. It states "The line designed at 7.2 KV primary voltage, using loop feed:" Our costs are based on 14.4 KV. We need to re-submit "Appendix A" showing 14.4. I told Eli this could account for why we are higher than some of the others.

*C10-92*

UNDERGROUND COST DIFFERENTIAL

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Other Than A Loop Feed Subdivision

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The overhead cost per foot is taken away from this estimated underground cost per foot and the member pays that difference.

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C10-92

UNDERGROUND COST DIFFERENTIAL

Specifications for Underground Service

1. Meter base must be approved for underground service. (No bolt-in type meter).
2. Distance not to exceed 200' from base of transformer pole to meter base.
3. Ditch shall be a minimum of 24" below ground level.
- 4.\* The landowner, developer or electrical contractor shall dig, prepare, and fill the trench for the underground service.
5. The landowner, developer or electrician shall furnish and install all pipe and fittings for underground along with 1/4 " pull rope.
6. Conduit to be installed with not more than two (2) 90 degree conduit elbows and one (1) 45 degree or equivalent. If more bends are needed, special approval must be granted by South Ky RECC. (Do not use center knockout bottom of meter base).

If conduit has been installed in a manner that wire cannot be pulled, it will be the responsibility of others to rework at their expense.

Care must be taken at time of backfill work to prevent rock, etc. from being in contact with the conduit.

7. The installer of conduit is to install pipe in ditch and turn up 90 degree sweep elbow 5" from back of pipe to face of pole only and install a cap on the end of pipe. (See inset drawing). Do not install on pole because of safety practices. Leave two (2) 10" lengths of conduit and weatherhead at the pole for South Ky RECC employees to install on pole.
8. Underground conduit shall be:  
Single Run - 2 1/2" P.V.C. Schedule 40 - 150 - 200 Amps  
Double Run - 2 1/2" P.V.C. Schedule 40 - 400 Amps  
All conduit and fittings shall be listed for use as electrical.  
(No Plumbing Pipe or Fittings).

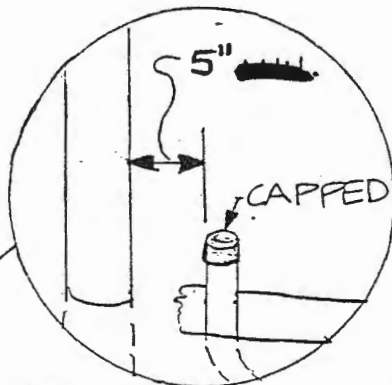
- \* The Co-op will provide this at a cost to the member, however, it is normally more feasible for the member to provide.

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# UNDERGROUND SERVICE

## POLICY AND SPECIFICATIONS

All conduit and weatherhead furnished by others. Conduit on pole and weatherhead installed by South Kentucky RECC.



6' 5" MIN.  
6' MAX.

2' MIN.

2' MIN.

### UNDERGROUND SERVICE POLICY

Underground service will be provided to residential members provided the load's main entrance is 150 amps. or greater and the member is willing to abide by all the listed specifications for installation.

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## SOUTH KENTUCKY RECC

UNDERGROUND SERVICE POLICY AND SPECIFICATIONSSPECIFICATIONS FOR UNDERGROUND SERVICE

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Do not install on pole because of safety practices.  
Leave two (2) 10' lengths of conduit and weatherhead at the pole for South Kentucky RECC employees to install on pole.
8. Underground conduit shall be:
  - 1 - 2½" P.V.C. Schedule 40 - 150 - 200 Amps
  - 2 - 2½" P.V.C. Schedule 40 - 400 Amps

All conduit and fittings shall be listed for use as electrical. (NO PLUMBING PIPE OR FITTINGS.)

C-10-92