

**SHELBY ENERGY**  
COOPERATIVE, INC.

March 9, 2001

**Average Underground Cost Differential**

(Filed in compliance with 807 KAR 5:041 Section 21 (5) )

**Average cost differential of individual single phase underground primary:**

**Average cost, individual single phase underground primary: \$20.49\* per foot**

**Average cost, individual single phase overhead primary: \$ 5.73 per foot**

**Average cost differential: \$14.76 per foot**

Customer to trench, furnish and install all conduit and fittings, and back-fill per the Cooperative's specifications. The Cooperative will in turn, complete the installation and credit the customer \$7.01/ft. against the Cooperative's differential cost for the customer's contribution in kind:  $\$14.76 - \$7.01 = \$7.75$  per foot.

**Average cost, single phase underground residential service: NO CHARGE\***

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Customer to trench, furnish and install all conduit and fittings, and back-fill per the Cooperative's specifications. The Cooperative will in turn and in consideration of the Customer's contribution in kind, complete the installation at: **No Charge\***. If customer desires underground residential service and is unable to perform the aforementioned, the Cooperative will contract to this work performed for customer on an individual basis and charge accordingly.

**\*Note:** The above underground construction costs do not include rock removal or other procedures which may be taken to assure proper burial depth. If rock is encountered or other procedures are necessary to ensure proper burial depth and/or compliance with applicable codes, the actual additional cost shall apply.

PUBLIC SERVICE COMMISSION  
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APR 13 2001

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

BY: Stephan O. Bell  
SECRETARY OF THE COMMISSION

Shelby Energy Cooperative, Inc. 2000 Single Phase Underground Construction Costs Analysis

March 09, 2001

	Unit Cost	Ftg. or No.	Ext. Cost
Single Phase Underground Primary (from Work Orders)		20,422	\$241,665.21
Conduit (Material)	1.25	20,422	25,527.50
Conduit (Labor)	0.36	20,422	7,351.92
Trenching/Back-fill	5.40	20,422	110,278.80
Ells, fittings, misc material	25.00	109	2,725.00
Average Xfmr differential	430.51	72	30,996.72
<b>Totals</b>		<b>20,422</b>	<b>\$418,545.15</b>
<b>Total Average Cost per Foot, Single Phase Underground Primary</b>			<b>\$20.49</b>
<b>Less Average Cost per Foot, Overhead Single Phase Primary</b>			<b>5.73</b>
<b>Average Single Phase Underground Primary Differential Cost per Foot</b>			<b>\$14.76</b>

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