



Shelby Energy Cooperative, Inc.

Your Touchstone Energy® Partner 

August 12, 2008

Average Underground Cost Differential

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

Average cost differential – individual single phase underground primary:

Average cost, individual single phase underground primary = \$24.03 per foot

Average cost, individual single phase overhead primary = \$ 9.96 per foot

Average cost differential = \$ 14.07 per foot*

Customer to trench, furnish and install all conduit and fittings and back-fill trench per Cooperative's specifications. Cooperative will in turn, complete the installation and credit the Customer \$6.98 per foot against the Cooperative's differential cost for the Customer's contribution in kind: \$14.07 - \$6.98 = \$7.09 per foot*.

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Average cost differential—individual single phase underground service:


Average cost, individual single phase underground service = \$17.25 per foot

Average cost, individual single phase overhead service = \$13.11 per foot

Average cost differential = \$ 4.14 per foot*

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

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

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SECTION 9 (1)
By 
Executive Director

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Shelby Energy Cooperative, Inc. 2007 Single Phase Underground Construction Costs Analysis

August 12, 2008

	Unit Cost	Ftg. or No.	Ext. Cost
Single Phase Underground Primary (from Work Orders)		16,863	\$248,419.02
Conduit (Material)	1.77	16,863	29,847.51
Conduit (Labor)	1.13	16,863	19,055.19
Trenching/Back-fill	3.86	16,863	65,091.18
Ells, fittings, misc material	38.00	168	6,384.00
Average Xfmr differential	552.50	66	36,465.00
Totals		16,863	\$405,261.90
Total Average Cost per Foot, Single Phase Underground Primary			\$24.03
Less Average Cost per Foot, Overhead Single Phase Primary			9.96
Average Single Phase Underground Primary Differential Cost per Foot			\$14.07

Single Phase Underground Residential Service (from Work Orders)		24,737	289,615.26
Conduit (Material)	0.87	24,737	21,521.19
Conduit (Labor)	0.87	24,737	21,521.19
Trenching/Back-fill	3.50	24,737	86,579.50
Ells, fittings, misc. material	30.00	250	7,500.00
Totals		24,737	426,737.14
Total Average Cost per Foot, Underground Residential Service			\$17.25
Less Average Cost per Foot, Overhead Residential Service			13.11
Average Residential Underground Service Differential Cost per Foot			\$4.14

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By Stephanie Dumber
 Executive Director