

RESOLUTION NO. 2003-04

A RESOLUTION APPROVING AND ADOPTING ELECTRIC SERVICE CONNECTION FEES, A STANDARD FOR MAINTENANCE AND OWNERSHIP RESPONSIBILITY AND A LINE EXTENSION POLICY

WHEREAS the City Council of Washington City (the "City") has commissioned Intermountain Consumer Professional Engineers, Inc. ("ICPE"), to study the electric service connection fees presently charged by the City, its standard for maintenance and ownership responsibility and its line extension policy; and

WHEREAS ICPE has completed its study and has presented the results of that study and its recommendations for changes in a report entitled Connection Fees and Line Extension Policy, which is dated December, 2002 (the "Report"); and

WHEREAS the City Council of the City has reviewed the Report and now desires to approve the Report and adopt the recommendations contained in the Report.

THEREFORE, NOW BE IT RESOLVED BY THE CITY COUNCIL OF WASHINGTON CITY AS FOLLOWS:

1. The Report is hereby approved and is incorporated in this Resolution in its entirety.
2. The Residential Electric Service Connection Fee portion of the Report, which is attached hereto as Exhibit A, together with all policies, procedures, fees, charges and other terms contained therein, is hereby adopted.
3. The Commercial Electric Service Connection Fee portion of the Report, which is attached hereto as Exhibit B, together with all policies, procedures, fees, charges and other terms contained therein, is hereby adopted.
4. The Service Equipment Maintenance and Ownership Responsibility portion of the Report, which is attached hereto as Exhibit C, together with all policies, procedures, fees, charges and other terms contained therein, is hereby adopted.

5. The Line Extension Policy portion of the Report, which is attached hereto as Exhibit D, together with all policies, procedures, fees, charges and other terms contained therein, is hereby adopted.

6. Appendix A to the Report, which is attached hereto as Exhibit E, is hereby adopted as the fee and cost schedule for electrical work done by the City. With the exception of those specific fees and charges adopted previously in this Resolution, this fee and cost schedule will be used to bill for electrical work done by the City. The Electrical Department, upon approval of the City Manager, may change the fee and cost schedule from time to time to reflect changes in costs.

7. This Resolution repeals and supersedes the provisions of any resolution in conflict herewith.

8. This Resolution shall be effective on April 9, 2003.

PASSED THIS 9 day of April, 2003.

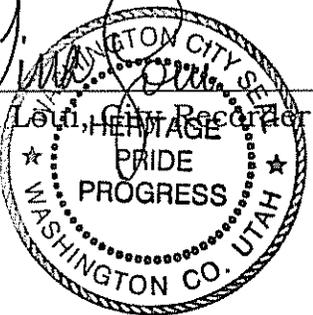


Terrill Clove, Mayor

Attest:



Tina Loui, City Recorder



WASHINGTON CITY

Residential Electric Service Connection Fee

I. Application

This service connection fee is for alternating current electric service supplied at approximately 120 or 240 volts through one kilowatt-hour meter at a single point of delivery for all service required on the premises for residential services. Service will be provided at any point on the City electric system where there are existing facilities with adequate capacity. Refer to the Line Extension Policy for areas where no electrical facilities exist.

II. General

The Washington City Power Department requires an application for service from a new customer prior to the commencement of construction on a new residence. Notice shall be given far in advance of construction so that the necessary connection fees can be collected and the connection to the Washington City electrical facilities can be completed by the time service is required. Each time a customer is connected to the electrical system for electric service at a point of delivery not previously used, or each time a customer changes his point of delivery, the customer shall be charged a connection fee. Table 1 lists the appropriate connection fees to be charged for new points of delivery to the customer prior to installation. The connection fee will cover the installation of service conductors from 0' - 100'. Distances above 100' will be covered by the line extension policy.

TABLE 1
New Point of Delivery

Description	Fee
Overhead Service - Residential	\$550.00
Underground Service - Residential	600.00
Overhead Service - Mobile Home/Trailer Park	300.00
Underground Service - Mobile Home/Trailer Park	400.00

Each time a customer is connected to the electrical system for electrical service, at a point of delivery used previously by another customer, or each time a customer is reconnected after voluntary disconnection to his same point of delivery, the customer shall be charged a connection fee. Table 2 lists the appropriate connection fees to be charged for existing points of delivery to the customer prior to installation. However, the city reserves the right to review each connection to the electrical system. If the costs, to connect or reconnect a customer to an existing service, exceeds the amount shown in Table 2, the customer will be billed for the time and materials needed for the connection.

TABLE 2
Existing Point of Delivery

Description	Fee
Overhead/Underground without meter required	\$50.00
Overhead/Underground with meter required	130.00
RV Connection to Pedestal without meter required	50.00
RV Connection to Pedestal with meter required	130.00

WASHINGTON CITY

**Commercial
Electric Service Connection Fee**

I. Application

This service connection fee is for alternating current electric service, single-phase or three-phase, supplied at the City's available voltage at a single point of delivery for all service required on the premises for non-residential services. Service will be provided at any point on the City electric system where there are existing facilities with adequate capacity. Refer to the Line Extension Policy for areas where no electrical facilities exist.

II. General

The Washington City Power Department requires an application for service from a new customer prior to the commencement of construction on a new commercial building. Notice shall be given far in advance of construction so that the necessary connection fees can be collected and the connection to the Washington City electrical facilities can be completed by the time service is required. Each time a customer is connected to the electrical system for electric service at a point of delivery not previously used, or each time a customer changes his point of delivery, the customer shall be charged a connection fee. Table 1 lists the appropriate connection fees to be charged for new points of delivery to the customer prior to installation. The connection fee will cover the installation of service conductors from 0' - 100'. Distances above 100' will be covered by the line extension policy.

TABLE 1
New Point of Delivery

Description	Fee
Overhead Service - 1ø	\$550.00
Overhead Service - 3ø	1,200.00
Underground Service - 1ø	600.00
Underground Service - 3ø	1,300.00

Each time a customer is connected to the electrical system for electrical service, at a point of delivery used previously by another customer, or each time a customer is reconnected after voluntary disconnection to his same point of delivery, the customer shall be charged a connection fee. Table 2 lists the appropriate connection fees to be charged for existing points of delivery to the customer prior to installation. However, the city reserves the right to review each connection to the electrical system. If the costs, to connect or reconnect a customer to an existing service exceeds the amount shown in Table 2, the customer will be billed for the time and materials needed for the connection.

TABLE 2
Existing Point of Delivery

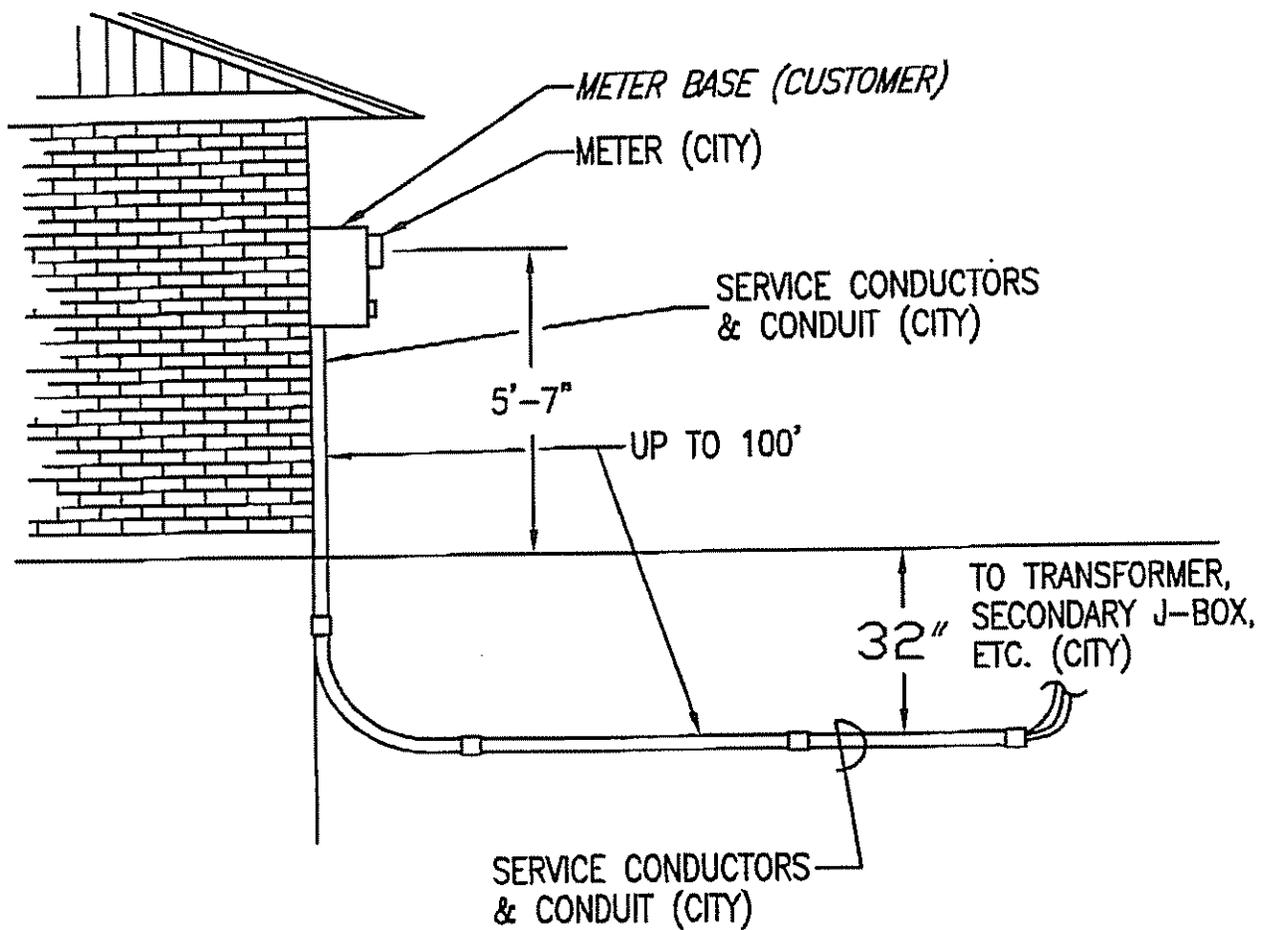
Description	Fee
Overhead/Underground without meter required, 1ø	\$50.00
Overhead/Underground with meter required, 1ø	130.00
Overhead/Underground without meter required, 3ø	650.00
Overhead/Underground with meter required, 3ø	1200.00

WASHINGTON CITY

**Service Equipment
Maintenance and Ownership Responsibility**

All electrical devices, conduits, boxes, conduit, conductors, mobile home service pedestals, etc. located on the loadside of the connection point of the City's service entrance or service drop conductors to the customers service conductors or equipment shall be installed and maintained by the customer at his own expense. The only exception is the City installed metering equipment used to meter the electrical load.

Please refer to the attached drawings detailing ownership of various service entrance types. Questions of ownership responsibility should be directed to the City Power Superintendent.



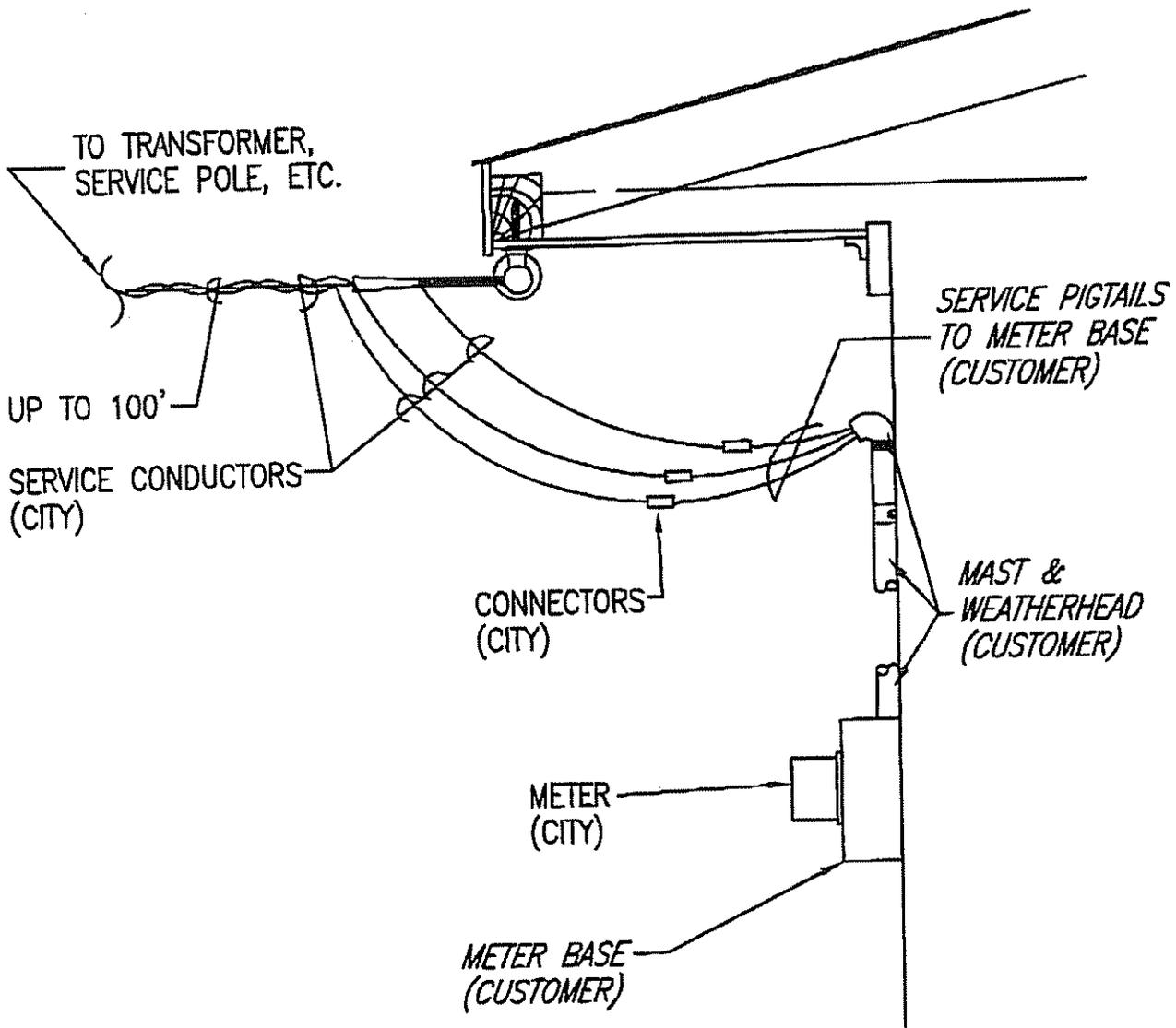
** ALL PREMISES WIRING ON THE LOAD SIDE OF THE METER IS THE RESPONSIBILITY OF THE CUSTOMER.*



INTERMOUNTAIN
CONSUMER
PROFESSIONAL
ENGINEERS, INC.

UNDERGROUND SERVICE OWNERSHIPS (TYP.)

SCALE:	DATE PLOTTED: 05/18/04	FILE: WAUS103
NTS	DRAWN BY: SCH	US103



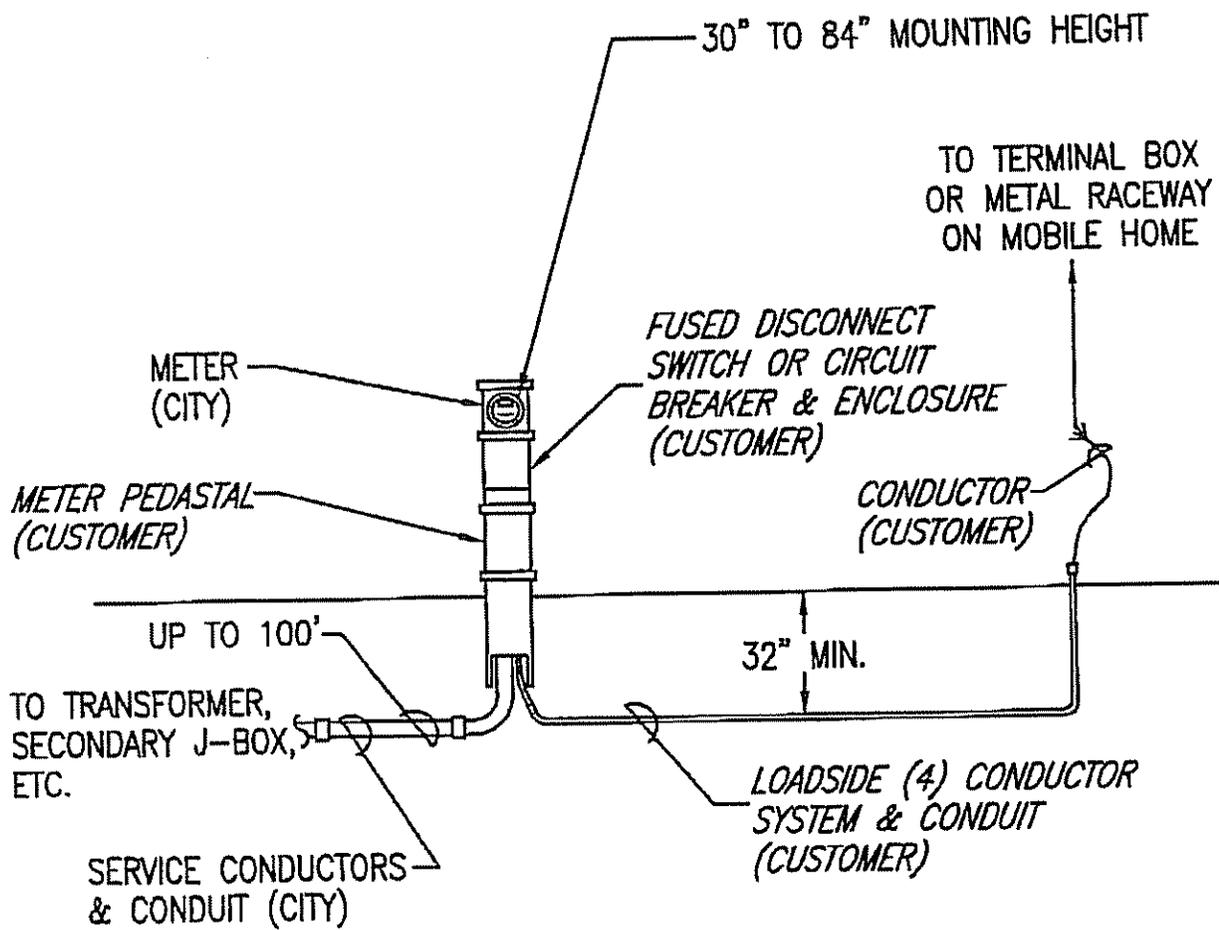
** ALL PREMISES WIRING ON THE
LOAD SIDE OF THE METER IS
THE RESPONSIBILITY OF THE
CUSTOMER.*



INTERMOUNTAIN
CONSUMER
PROFESSIONAL
ENGINEERS, INC.

**OVERHEAD SERVICE
OWNERSHIPS (TYP.)**

SCALE:	DATE PLOTTED: 05/18/94	FILE: WACS100
NTS	DRAWN BY: SGH	OS100



** ALL PREMISES WIRING ON THE LOAD SIDE OF THE METER IS THE RESPONSIBILITY OF THE CUSTOMER.*



INTERMOUNTAIN
CONSUMER
PROFESSIONAL
ENGINEERS, INC.

**SERVICE OWNERSHIPS
MOBILE HOMES & TRAILERS (TYP.)**

SCALE: NTS	DATE PLOTTED: 05/18/94	FILE: WAUS320
DRAWN BY: SGH		US320

WASHINGTON CITY

Line Extension Policy

I. Application

This Line Extension Policy is applicable for all service requirements located in the City at points where existing electrical facilities do not exist or exist but lack adequate capacity to properly serve a proposed load.

II. Extension of Distribution Lines

- A. Any person or persons, including any subdivider or developer, desiring to have electrical distribution lines extended or modified, and being willing to advance the whole expense of such extension or modification, may make application to the City by providing:
1. A description of the proposed extension or modification accompanied by a map showing the location thereof. Plus electrical load information in sufficient detail to provide the City with full knowledge of the electrical load requirements.
 2. An offer to pay the whole expense incurred by the City in providing such extension or modification and to advance such payment as said expense shall be agreed upon by the applicant and the City.
- B. Upon receipt of said application, and before the application is granted, the City shall:
1. Obtain from the Superintendent a certified statement showing the estimated cost and expense of making such extension or modification.
 2. Obtain from the Engineer and Superintendent a certified statement showing that the electrical facilities have adequate capacity to serve the proposed load(s).
 3. Obtain from the Engineer, Planner, and Superintendent a description of the area and number and type of users that may be served in the future by the extension or modification and the estimated pro rated share of the cost that should be borne by said future users.
 4. Determine the amount to be charged future users of the extension or modification and what portion thereof shall be reimbursed to the Applicant upon payment by future users, and the time limit thereof.
 5. Prepare an agreement specifying the manner and circumstances under which said reimbursement shall be made.
- C. The City may grant or deny said application as in its discretion seems best for the welfare of existing users in the City.

III. Deposit with City Treasurer

If the City grants said application, the Applicant and the City shall execute said agreement and the Applicant shall deposit with the City Treasurer 125% of the estimated cost and expense of making such extension or

modification as certified by the Superintendent before any work shall be done on such extension or modification, and within thirty (30) days after the granting of said application, or such other time as the City shall indicate.

Since the deposit is based on an estimate of the cost of the work to be completed, at the completion of the proposed work, the Applicant shall pay the City any additional money required, or the City shall reimburse the Applicant any excess money received, so that the Applicant will pay the City for the actual cost associated with the proposed work.

IV. Right-of-Way or Easements

Before any work shall be done on said extension or modification, the Applicant shall furnish at no cost to the City adequate rights-of-way or easements, in the name of the City, for construction and perpetual maintenance and replacement of said extension or modification.

V. Applicant's Responsibilities

A. The Applicant shall be responsible to facilitate the extension or modification of electrical distribution lines by:

1. Planning the installation of utilities to each lot or site to be served to preclude conflict between other utilities and the electrical distribution lines.
2. Scheduling and coordinating the actual installation of improvements to allow adequate time for construction of electrical distribution lines.
3. Notifying the Washington City Power Superintendent upon completion of adequate site preparation to allow installation of electrical distribution lines.

VI. Site Preparation

A. The Applicant shall prepare the site for electrical distribution line installation before notifying Washington City to install said lines. Site preparation shall include but not be limited to:

1. Installation of curb and gutter indicating permanent grade.
2. Markers installed on curb indicating property lines.
3. The area extending from property side of sidewalk away from the street for ten (10) feet leveled to final grade.
4. Utilities installed less than four (4) feet below final grade but extending beyond the property line more than twelve (12) inches.

VII. Backfill of Underground Facilities

The Applicant shall backfill, compact, test, and guarantee the backfill of excavations for underground facilities installed in response to his application.

VIII. Ownership of Extension or Modification

Any such extension or modification shall be deemed the property of Washington City.

IX. Estimated Line Extension Costs

For *minor* line extension or modifications, the costs given in Tables 1 and 2 shall be used for estimation purposes as described in paragraph II. For large line extensions or modifications, cost estimates will have to be prepared on a project specific basis.

These costs given in Tables 1 and 2 are based on normal construction conditions. These values will be modified appropriately for special or abnormal conditions or requirements which may exist at the proposed construction site.

Table 1
Overhead Construction Estimated Costs

Item	Cost
Secondary (#2 Triplex 0-100')	\$ 420.00
Secondary (#1/0 Triplex 0-100')	485.00
Secondary (#4/0 Triplex 0-100')	635.00
Secondary (#1/0 Quadraplex)	570.00
Secondary (#4/0 Quadraplex)	763.00
35' Service Pole	676.00
40' Service Pole	750.00
Down Guy and Anchor	420.00
10 kVA Transformer	1180.00
25 kVA Transformer	1,440.00
50 kVA Transformer	1820.00
75 kVA Transformer	2235.00
Single Phase Poles	
40' Tangent*	1010.00
40' Tap*	1128.00
40' Single Deadend*	1170.00
40' Heavy Angle*	1500.00
Three Phase Poles	
40' Tangent*	1150.00
40' Tap*	1365.00
40' Single Deadend*	1065.00
40' Heavy Angle*	1615.00
Single-Phase Primary Conductor	
(#2 ACSR per 100')**	270.00
(#1/0 ACSR per 100')**	360.00
Three-Phase Primary Conductor	
(#1/0 ACSR per 100')**	520.00
(#4/0 ACSR per 100')**	605.00
*Add \$59 for 45' poles	
**Due to market fluxuations, conductor prices should be verified at the time of the estimate preparation.	

Table 2
Underground Construction Estimated Costs

Item	Cost
Secondary (#2 Triplex Cable 0-100')	\$ 420.00
Secondary (#1/0 Triplex Cable 0-100')	445.00
Secondary (#4/0 Quadraplex cable 0-100')	620.00
Padmount Transformer 25 kVA (1 \emptyset)	1790.00
Padmount Transformer 37.5 kVA (1 \emptyset)	2130.00
Padmount Transformer 50 kVA (1 \emptyset)	2200.00
Padmount Transformer 75 kVA (1 \emptyset)	2610.00
Padmount Transformer 100 kVA (1 \emptyset)	3100.00
Padmount Transformer 75 kVA (3 \emptyset)	5700.00
Padmount Transformer 112.5 kVA (3 \emptyset)	6010.00
Padmount Transformer 225 kVA (3 \emptyset)	8010.00
Padmount Transformer 300 kVA (3 \emptyset)	9100.00
Padmount Transformer 500 kVA (3 \emptyset)	10,640.00
Single-Phase, 40' Terminal Pole	1500.00
Single-Phase, 45' Terminal Pole	1560.00
Three-Phase, 40' Terminal Pole	2860.00
Three-Phase, 45' Terminal Pole	2920.00
Single-Phase Primary Cable	
#2 AL.15 kV (per foot w/ conduit)**	27.73
Three-Phase Primary Cable	
#1/0 AL.15 kV (per foot w/ conduit)**	38.21
Three-Phase Primary Cable	
#4/0 AL.15 kV (per foot w/ conduit)**	43.39
Three-Phase Primary Cable	
#750 AL.15 kV (per foot w/ conduit)**	54.05
**Due to market fluxuations, conductor prices should be verified at the time of the estimate preparation.	

APPENDIX A

January 31, 2003

The following information was supplied by Washington City and used to update the Fee Estimates.

MANHOOR COSTS:

- Superintendent \$30.50 hr
- Field Foreman \$27.50 hr
- Journeyman lineman \$26.50 hr
- Ground man \$17.50 hr
- Office Clerk \$16.90 hr

EQUIPMENT COSTS:

- Large line truck \$75.00 hr
- Small line truck \$50.00 hr
- Large bucket \$65.00 hr
- Medium bucket \$50.00 hr
- Small bucket \$40.00 hr
- Pole trailer \$15.00 hr
- Service truck \$25.00 hr

MATERIAL COSTS:

- Residential meter \$78.50 each (radio read type)
- Commercial meter \$550.00 each
- Current Transformers: \$95.00 each
-
- PMH-9 With fuse holders and 12 fuses \$11,766.00
- PMH-10 \$9,535.00
- PMH-11 With fuse holders and 6 fuses \$10,816.00
- Fuse refills for above \$95.00
-
- 25 KVA 1 Phase Pad Mount \$1,209.00
- 37.5 KVA 1 Phase Pad Mount \$1,502.00
- 50 KVA 1 Phase Pad Mount \$1,561.00
- 75 KVA 1 Phase Pad Mount \$1,883.00
- 100 KVA 1 Phase Pad Mount \$2,265.00
-
- 500 KVA 3 Phase 208/120 \$8,391.00
- 300 KVA 3 Phase 208/120 \$7,244.00
- 225 KVA 3 Phase 208/120 \$6,461.00
- 150 KVA 3 Phase 208/120 \$5,377.00
- 112.5KVA 3 Phase 208/120 \$4,663.00
- 75 KVA 3 Phase 208/120 \$4,394.00
-
- 300 KVA 3 Phase 480/277 \$6,996.00
- 75 KVA 3 Phase 480/277 \$4,616.00

- Durham 3 Phase enclosure w 3ea. 4 point junctions \$921.00 (including ground sleeve)
- Concast transformer box pad \$349.00

POLE PRICES:

- 30' class 3 \$192.00
- 35' class 3 \$239.00
- 40' class 3 \$310.00
- 45' class 3 \$369.00
- 40' class 1 \$396.00
- 45' class 1 \$472.00

WIRE COSTS FOR BOTH OVERHEAD AND UNDERGROUND

Triplex overhead

- #2 AL .47 per ft.
- #1/0 AL .73 per ft.
- #4/0 AL \$1.28 per ft.

Quad overhead

- #4/0 AL \$1.88 per ft.

Triplex Underground

- #2 AL \$.58 per ft.
- #1/0 AL \$.81 per ft.
- #4/0 AL \$1.29 per ft.

Quad underground

- #4/0 al \$1.80 per ft.

Primary Underground 1/3 neutral

- #2 AL \$1.50 per ft.
- #1/0 AL \$1.80 per ft.
- #4/0 AL \$2.07 per ft.
- #750mcm AL \$3.50 per ft.