PSC NO.: 4 3rd Revised SHEET NO. 1.00

FOR: ENTIRE AREA SERVED

CANCELING PSC NO.: 4

2nd Revised SHEET NO. 1.00

GRAYSON RURAL ELECTRIC COOPERATIVE CORPORATION

SCHEDULE 1

#### CLASSIFICATION OF SERVICE

DOMESTIC-FARM & HOME SERVICE

RATE PER UNIT

AVAILABILITY-DOMESTIC

Available to members of the Cooperative for all residential farm and home uses subject to its established rules and regulations. Approval of the Cooperative must be obtained prior to the installation of any motor having a rated capacity of five horsepower or more.

TYPE OF SERVICE

Single-phase and/or three-phase, 60 cycle, alternating current at the Cooperative's standard secondary voltages.

RATE PER MONTH

Customer Charge Energy Charge Per kWh \$ 7.86 .06320(R)

FUEL ADJUSTMENT CLAUSE

All rates are applicable to the Fuel Adjustment Clause and may be increased or decreased by an amount per kWh equal to the fuel adjustment amount per kWh as billed by the Wholesale Power Supplier plus an allowance for line losses. The allowance for line losses will not exceed 10% and is based on a twelve month moving average of such losses. The Fuel Clause is subject to all other applicable provisions as set out in 807 KAR 5:056.

MINIMUM CHARGE

The minimum monthly charge under the above rate shall be \$ 7.86 where 25 kVA or less of transformer capacity is required. For members requiring more than 25 kVA of transformer capacity, the minimum monthly charge shall be increased at a rate of \$.75 for each additional kVA or fraction thereof required. Where it is necessary to extend or reinforce existing distribution facilities, PtheC SERVICE COMMISSION minimum monthly charge may be increased to assure adequate CENTUCKY compensation for the added facilities. Where the minimum charge is increased in accordance with this section, additional energy and demand shall be included in accordance with the foregoing rate schedule.

MAY 1 1989

NAM 5:011. PUBLIC SERVICE COMMISSION MANAGER

Service on and after

DATE OF ISSUE April 14, 1988

EFFECTIVE DATE May 1, 1989

GEN. MGR., 109 BAGBY PK., GRAYSON, KY ISSUED BY

FOR: ENTIRE AREA SERVED

PSC NO.:

4th Revised SHEET NO. 2.00

CANCELING PSC NO.: 4

3rd Revised SHEET NO. 2.00

GRAYSON RURAL ELECTRIC COOPERATIVE CORPORATION

SCHEDULE 2

#### CLASSIFICATION OF SERVICE

COMMERCIAL AND SMALL POWER LESS THAN 50 KVA, INCLUDING PUBLIC BUILDINGS, SCHOOLS, CHURCHES, ETC.

RATE PER UNIT

#### AVAILABILITY OF SERVICE

Available to members of the Cooperative for all Commercial and Small Power uses less than 50 kVA, subject to its established rules and regulations. Approval of the Cooperative must be obtained prior to the installation of any motor having a rated capacity of five horsepower or more.

#### TYPE OF SERVICE

Single-phase and/or three-phase, 60 cycle, alternating current at the Cooperative's standard secondary voltages.

#### RATE PER MONTH

Customer Charge Energy Charge per kWh \$ 7.86 .06320 (R)

#### FUEL ADJUSTMENT CLAUSE

All rates are applicable to the Fuel Adjustment Clause and may be increased or decreased by an amount per kWh equal to the fuel adjustment amount per kWh as billed by the Wholesale Power Supplier plus an allowance for line losses. The allowance for line losses will not exceed 10% and is based on a twelve month moving average of such losses. The Fuel Clause is subject to all other applicable provisions as set out in 807 KAR 5:056.

#### MINIMUM CHARGE

The minimum monthly charge under the above rate shall be \$ 7.86 where 25 kVA or less of transformer capacity is required. For members requiring more than 25 kVA of transformer capacity, the minimum monthly charge shall be increased at a rate of \$.75 for each additional kVA or fraction thereof required. Where it is necessary to extend or reinforce existing distribution facilities, the minimum monthly charge may be increased to assure adequate compensation for the added facilities. Where the minimum charge is increased in accordance with this section, additional energy and demand shall be included in accordance with the foregoing rate schedule.

PUBLIC SERVICE COMMISSION OF KENTUCKY

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PUBLIC SERVICE COMMISSION MANAGER

Service on and after

DATE OF ISSUE April 14, 1988 EFFECTIVE DATE May 1, 1989

GEN. MGR., 109 BAGBY PK., GRAYSON, KY

4th Revised SHEET NO. 3.00

CANCELING PSC NO.: 4

3rd Revised SHEET NO. 3.00

GRAYSON RURAL ELECTRIC COOPERATIVE CORPORATION

SCHEDULE 3

#### CLASSIFICATION OF SERVICE

OFF-PEAK MARKETING RATE RATE PER UNIT AVAILABILITY OF SERVICE Available to members of the Cooperative eligible for service under Tariff Schedule 1--Domestic-Farm & Home Service, or Tariff Schedule 2--Commercial and Small Power Less Than 50 KVA, who have installed Cooperative approved load management devices for the use of power during off-peak hours. This rate shall only apply to programs which have been expressly approved by the Public Service Commission to be offered under the Marketing Rate of East Kentucky Power Cooperative's Wholesale Rate Schedule A. TYPE OF SERVICE Single-phase and/or three-phase, 60 cycle, alternating current at the Cooperative's standard secondary voltages. RATE PER MONTH \$7.86 Customer Charge ON-PEAK RATE: .06320 (R) All kWh OFF-PEAK RATE: All kWh .03792 (R) PEAK PERIODS WINTER SCHEDULE For the purpose of this tariff, the on-peak billing period for the months of October, November, December, January, February, March and April is defined as 7 a.m. to 12 noon and from 5 p.m. to 10 p.m., local time, for all days of the week, including Saturday, Sunday and holidays UBLIC SERVICE COMMISSION The off-peak billing period is defined as 10 p.m. to OF KENTUCKY 7 a.m. and from 12 noon to 5 p.m., local time, for all days of the week, including Saturday, Sunday and holidays. MAY 1 1989 SUMMER SCHEDULE For the purpose of this tariff, the on-peak billing PURSUA period for the months of May, June, July, August and September is defined as 10 a.m. to 10 p.m., local time, for all days of the week, including Saturday, Sunday and PUBLIC SERVICE COMMISSION MANAGER

DATE OF ISSUE April 14, 1988

including Saturday, Sunday and holidays.

Service on and after

EFFECTIVE DATE May 1, 1989

SSUED BY MER., 109 BAGBY PK., GRAYSON, KY

Issued by authority of P.S.C. in Case No. 10450 dated March 31, 1989.

holidays. The off-peak billing period is defined as

10 p.m. to 10 a.m., local time, for all days of the week,

1.90

3rd Revised SHEET NO. 4.00

CANCELING PSC NO.: 4

2nd Revised SHEET NO. 4.00

GRAYSON RURAL ELECTRIC COOPERATIVE CORPORATION

SCHEDULE 4

CLASSIFICATION OF SERVICE

LARGE POWER SERVICE-SINGLE AND THREE-PHASE 50--999 KVA(T) | RATE PER UNIT

AVAILABILITY

Available to consumers located on or near the Cooperative's facilities for Commercial service. Consumers! shall contract for a definite amount of electrical capacity in kilovolt-amperes which shall be sufficient to meet normal maximum requirements but in no case shall the capacity contracted be less than 50 kVA. The Cooperative may not be required to supply capacity in excess multiples of 25 kVA.

(D)

TYPE OF SERVICE

Single-phase, three-phase, 60 cycles, at Cooperative's standard voltage.

RATE PER MONTH

Customer Charge Demand Charge per kW Energy Charge per kWh \$59.56 7.26 .04409(R)

DETERMINATION OF BILLING DEMAND

The billing demand shall be the maximum kilowatt demand established by the consumer for any fifteen consecutive minutes during the month for which the bill is rendered, as indicated or recorded by a demand meter and adjusted for power factor as provided in the power factor adjustment clause.

POWER FACTOR ADJUSTMENT

The consumer agrees to maintain unity power factor as nearly as practicable. The measured demand will be adjusted for consumers with 50 kW or more of measured PUBLIC SERVICE COMMISSION demand to correct for average power factors lower than 90%, and may be so adjusted for other consumers if and when the Cooperative deems necessary. Such adjustments will be made by increasing the measured demand by 1% for each 1% by which the average power factor is less than 90% MAY 1 1989 lagging. PURSUMA TO CO! NAM 5:011, SECTION 9 (1)

OF KENTUCKY

RULES AND REGULATIONS

Service under this tariff is subject to the terms of rules and regulations of the Corporation all rules and regulations of the Cooperative that have been or may be adopted by its Board of Director's.

Service on and after

DATE OF ISSUE April 14, 1988 EFFECTIVE DATE May 1, 1989

GEN. MGR., 109 BAGBY PK., GRAYSON, KY ISSUED BY

3rd Revised SHEET NO. 5.00

CANCELING PSC NO.: 4

2nd Revised SHEET NO. 5.00

GRAYSON RURAL ELECTRIC COOPERATIVE CORPORATION

SCHEDULE 5

#### CLASSIFICATION OF SERVICE

STREET LIGHTING SERVICE

RATE PER UNIT

#### AVAILABILITY

Available to rural communities and villages for street lighting.

#### BASE RATE PER LIGHT PER YEAR

For dusk to dawn lighting with lights mounted on existing wooden poles with bracket attachments and connected to existing overhead secondary circuits.

For the following monthly charges the Cooperative will furnish, install and maintain the lighting fixtures and accessories including hardware, control, lamps, overhead wiring, etc.; and the energy required.

Lamp Size

Mercury Vapor

Annual Charge Per Lamp \$76.92

(R)

175 Watt

Lamps \$6.41 per month

FUEL ADJUSTMENT CLAUSE

All rates are applicable to the Fuel Adjustment Clause and may be increased or decreased by an amount per kWh equal to the fuel adjustment amount per kWh as billed by the Wholesale Power Supplier plus an allowance for line losses. The allowance for line losses will not exceed 10% and is based on a twelve month moving average of such losses. The Fuel Clause is subject to all other applicable provisions as set out in 807 KAR 5:056. PUBLIC SERVICE COMMISSION

CONDITIONS OF SERVICE

1. Street lighting equipment including lamps, fixtures, control and the necessary street lighting circuits, transformers and additional guys and fittings MAY 1 1989 will be furnished and maintained by the Cooperative.

2. Lamp replacements will be made by the Cooperative UAR 6:011, without additional charge, except that any damage to lamps, SECTION 9/1)/ and luminaries resulting from vandalism shall be charged to consumer at cost as a separate item on the monthly biglid service commission MANAGER for service. Outages should be promptly reported.

3. This schedule applies to either multiple or series street lighting circuits. The Cooperative will determine the type of circuit.

Refer to Basis for the Accountability of Energy Used by Security Lights

Service on and after

DATE OF ISSUE April 14, 1988 EFFECTIVE DATE May 1, 1989

GEN. MGR., 109 BAGBY PK., GRAYSON, KY

Issued by authority of P.S.C. in Case No. 10450 dated March 31, 1989.

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OF KENTUCKY

3rd Revised SHEET NO. 6.00

CANCELING PSC NO.: 4

2nd Revised SHEET NO. 6.00

GRAYSON RURAL ELECTRIC COOPERATIVE CORPORATION

SCHEDULE 6

#### CLASSIFICATION OF SERVICE

OUTDOOR LIGHTING SERVICE--SECURITY LIGHTS

RATE PER UNIT

#### AVAILABILITY

Available to consumers, other than towns and villages, for dusk to dawn outdoor lighting on existing overhead secondary circuits.

#### RATE PER LIGHT PER MONTH

7,000 Lumens Mercury Vapor Lamp 10,000 Lumens Mercury Vapor Lamp \$6.21 (R)

8.26 (R)

#### FUEL ADJUSTMENT CLAUSE

All rates are applicable to the Fuel Adjustment Clause and may be increased or decreased by an amount per kWh equal to the fuel adjustment amount per kWh as billed by the Wholesale Power Supplier plus an allowance for line losses. The allowance for line losses will not exceed 10% and is based on a twelve month moving average of such losses. The Fuel Clause is subject to all other applicable provisions as set out in 807 KAR 5:056.

#### CONDITIONS OF SERVICE

- 1. The Cooperative shall furnish, install, and maintain the outdoor lighting equipment including lamp, luminaire, bracket attachment and control device on an existing pole of the Cooperative, electrically connected so that power for operation of the light does not pass through the meter for the consumer's other usage, at a location mutually agreeable to both the Cooperative and the consumer.
- The Cooperative shall maintain the lighting PUBLIC SERVICE COMMISSION equipment, including lamp replacement, at no additional cost to the consumer within 72 hours after the consumer notifies the Cooperative of the need for maintenance of the lighting equipment.

3. The lighting equipment shall remain the property MAY 1 1989 of the Cooperative. The consumer shall protect the PURSUAN 10 807 lighting equipment from deliberate damage.

4. The consumer shall allow authorized representatives of the Cooperative to enter upon the PUBLIC SERVICE COMMISSION MANAGER consumer's premises and to trim trees and shrubs as necessary for maintenance of the lighting equipment and for removal of the lighting equipment upon termination of service under this schedule. Refer to Basis for Accountability of Energy Used by

OF KENTUCKY EFFECTIVE

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DATE OF ISSUE April 14, 1988 EFFECTIVE DATE May 1, 1989

Security Lights.

Service on and after

GEN. MGR., 109 BAGBY PK., GRAYSON, KY

3rd Revised SHEET NO. 7.00

CANCELING PSC NO.: 4

2nd Revised SHEET NO. 7.00

GRAYSON RURAL ELECTRIC COOPERATIVE CORPORATION

SCHEDULE 7

#### CLASSIFICATION OF SERVICE

ALL ELECTRIC SCHOOLS (A.E.S.)

RATE PER UNIT

#### APPLICABLE

In all territory served by Seller.

#### AVAILABILITY

Available to all public or non-profit private schools whose total energy requirement, including but not limited to heating, air conditioning, lighting and water heating, is supplied electricity furnished by the Cooperative, subject to its established rules and regulations.

#### CHARACTER OF SERVICE

The electric service furnished under this rate schedule will be 60 cycle, alternating current, single phase or three phase service, present facilities permitting, and at the following nominal voltages: Single Phase, 120, 120/240, 480, 240/480 volts; Three Phase, 120/240, 120/208Y, 240/480, 277/480Y volts.

#### RATE PER MONTH

Customer Charge Demand Charge per kW Energy Charge per kWh \$27.28 4.34

.04472 (R)

#### MINIMUM CHARGE

The minimum annual charge shall be sufficient to assure adequate compensation for the facilities installed to serve the consumer, and in no event shall it be less than \$9.00 per kVA of required transformer capacity as determined by the Cooperative, or the amount specified PHBLIC SERVICE COMMISSION the contract for service, whichever is greater.

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#### TERMS OF CONTRACT

Service under this rate schedule will be furnished under an "Agreement for Purchase of Power", for a term of not less than five (5) years. PURSUM

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SECTION S (1)

TERMS OF PAYMENT

The above rates are net, the gross being ten percent SERVICE COMMISSION MANAGER higher. In the event the current monthly bill is not paid within fifteen (15) days from the mailing date of the bill, the gross rates shall apply.

Service on and after

DATE OF ISSUE April 14, 1988 EFFECTIVE DATE May 1, 1989

GEN. MGR., 109 BAGBY PK., GRAYSON, XY ISSUED BY

FOR: ENTIRE AREA SERVED

PSC NO.: 4

3rd Revised SHEET NO. 8.00

CANCELING PSC NO.: 4

2nd Revised SHEET NO. 8.00

GRAYSON RURAL ELECTRIC COOPERATIVE CORPORATION

SCHEDULE 8

#### CLASSIFICATION OF SERVICE

SEASONAL SERVICES -- SERVICES ACTIVE LESS THAN NINE (9) MONTHS OUT OF A YEAR

AVAILABILITY

Available to members of the Cooperative for all seasonal uses including temporary services subject to its established rules and regulations. Approval of the Cooperative must be obtained prior to the installation of any motor having a rated capacity of five horsepower or more.

TYPE OF SERVICE

Single-phase, 60 cycle at 120/240 volts, alternating current.

RATE PER MONTH

Customer Charge Energy Charge Per kWh \$ 9.45 .08170 (R)

FUEL ADJUSTMENT CLAUSE

All rates are applicable to the Fuel Adjustment Clause and may be increased or decreased by an amount per kWh equal to the fuel adjustment amount per kWh as billed by the Wholesale Power Supplier plus an allowance for line losses. The allowance for line losses will not exceed 10% and is based on a twelve month moving average of such losses. The Fuel Clause is subject to all other applicable provisions as set out in 807 KAR 5:056.

MINIMUM CHARGE

ISSUED BY

The minimum monthly charge under the above rate shall be \$ 9.45 where 25 kVA or less of transformer capacity is required. For members requiring more than 25 kVA of transformer capacity, the minimum monthly charge shall be increased at a rate of \$.75 for each additional kVA crpublic SERVICE COMMISSION fraction thereof required. Where it is necessary to extend or reinforce existing distribution facilities, the minimum monthly charge may be increased to assure adequate compensation for the added facilities. Where the minimum charge is increased in accordance with this section, additional energy and demand shall be included in accordance with the foregoing rate schedule.

MAY 1 1989

2000/ AAR 5:011, SECTION 9 (1)

PUBLIC SERVICE COMMISSION MANAGER

Service on and after

DATE OF ISSUE April 14, 1988

EFFECTIVE DATE May 1, 1989

GEN. MGR., 109 BAGBY PK., GRAYSON, XY

# GRAYSON RURAL ELECTRIC COOPERATIVE CORPORATION 109 BAGBY PARK GRAYSON, KENTUCKY 41143

#### COST SUPPORT DATA FOR UNDERGROUND SERVICES

#### COST UNDERGROUND SERVICES (SECONDARY)

Based on Selected Work Orders for Period July 1, 1988 to July 31, 1989

W.O. #	FEET	MATERIAL	LABOR
10021051	82	\$ 105.81	\$ 403.90
10020769	207	231.61	413.26
10020546	122	157.07	321.05
10020565	102	201.94	272.67
10020593	117	152.81	176.34
10020313	135	248.53	298.97
10020185	87	105.40	279.67
10020520	75	111.13	253.21
10020790	111	147.39	312.77
	1,038	\$1,461.69	\$2,731.84

Material Labor Overhead @ 169%	\$1,461.69 2,731.84 4,616.81	
	\$8,810.34 : 1,038 feet = \$8.49	
(Ditch Digging Fee)	•50 \$8•99	per foot

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

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OF SERVER COMMISSION MANAGER

#### GRAYSON RURAL ELECTRIC COOPERATIVE CORPORATION

#### 109 BAGBY PARK

#### GRAYSON, KENTUCKY 41143

#### COST SUPPORT FOR UNDERGROUND SERVICES (CONT'D)

#### UNDERGROUND PRIMARY

#### 500 FEET

		MATERIAL		LABOR	
ASSEMBLY	QUANTITY	UNIT	TOTAL	UNIT	TOTAL
UM2 M5-1 UM1 M2C #2 Al Pri UG 25 UGT M2-1 UG7 Trenching 3" UG Conduit (10' Sections) Sweeping 90's	1 1 1 540' 1 2 1 500' 500'	\$ 135.98 3.42 87.09 .16 .94 858.42 7.57 95.35 17.00 16.99	3.42	\$ 43.07 2.94 53.84 .12 .43 143.00 13.46 26.92 1.00 .08	\$ 43.07 2.94 53.84 .12 232.20 143.00 26.92 26.92 500.00 40.00
		·	\$2,587.14		\$1,069.01

Material Labor Overhead @ 169% \$2,587.14 1,069.01

1,806.63

\$5,462.78 ÷ 500 = \$10.93 per foot

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

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NOTE: Figures are based on standard costs for 500 feet of line 100 9 (1)

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#### GRAYSON RURAL ELECTRIC COOPERATIVE CORPORATION

#### 109 BAGBY PARK

#### GRAYSON, KENTUCKY 41143

#### COST SUPPORT DATA FOR UNDERGROUND SERVICES (CONT'D)

### TWO POLE TAP AT 500 FEET PRIMARY OVERHEAD

		TAM	ERIAL	L.Z	ABOR
ASSEMBLY	QUANTITY	UNIT	TOTAL	UNIT	TOTAL
A5-1 M5-1 E1-2 F1-2 A1A 40P A5 0 CSP G105 M2C M2-1 M2-2 #2 ACSR	1 1 2 2 1 2 1 1 1 1 2 1000'	\$ 22.92 3.42 16.23 7.82 17.47 134.25 18.86 363.00 8.12 .16 7.57 9.11 .12	\$ 22.92 3.42 32.46 15.64 17.47 268.50 18.86 363.00 8.12 .16 7.57 18.22 120.00	\$ 18.85 2.94 14.94 22.02 10.76 66.07 15.67 30.75 29.37 .12 13.46 10.76 .13	\$ 18.85 2.94 29.88 44.04 10.76 132.14 15.67 30.75 29.37 .12 13.46 21.52 130.00
			\$896.34		\$479.50

Material

\$896.34

Labor

479.50

Overhead @ 169%

810.36

 $$2,186.20 \div 500 = $4.37 \text{ per foot}$ 

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

NOTE: Figures are based on standard costs for 500 feet of line.

SEP 15 1989

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

BY: PUBLIC SERVICE COMMISSION MANAGER

## GRAYSON RURAL ELECTRIC COOPERATIVE CORPORATION 109 BAGBY PARK GRAYSON, KENTUCKY 41143

#### COST SUPPORT DATA FOR UNDERGROUND SERVICES (CONT'D)

#### OVERHEAD SERVICES (SECONDARY)

Based on Selected Work Orders for Period of July 1, 1988 to July 31, 1989

W.O. #	FEET	MATERIAL	LABOR
10020801 10020806 10020908 10020910 10020935 10020943 10020768 10020644 10020693 10021136 10020801 10020170 10020747 10020141	108 151 62 100 130 57 37 171 135 80 108 112 91	\$ 50.64 137.00 48.21 62.11 95.76 35.05 24.12 76.79 58.52 36.62 50.64 88.66 47.03 34.41	\$ 114.50 258.54 178.63 174.27 170.73 164.53 144.18 71.28 169.21 119.64 114.50 154.71 86.49 71.85
	1,422	\$845.56	\$1,993.06
Material Labor Overhead @ 169%	\$ 845.56 1,993.06 3,368.27 \$6,206.89 ÷	1422 feet = \$4.36 per foot	

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

SEP 15 1989

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

BY: KATHE COMMISSION MANAGER

## GRAYSON RURAL ELECTRIC COOPERATIVE CORPORATION 109 Bagby Park Grayson, KY 41143

### COSTS APPLIED TO OVERHEAD as of September 1, 1989

<u>Item</u>	Rates per Dollar
F.I.C.A.	.0751
State Unemployment	.0080
Federal Unemployment	.0080
Worker's Compensation	.0326
General Liability	.040901
Vacation	.060243
Holidays	.034455
Sick Leave	.041346
NRECA Basic, Supplemental & Dependent Life	.010371
NRECA Long Term Disability (50% by Coop.)	.010187
NRECA Accident & Business Travel	.000254
Medical (EKP)	.170562
Employee Life (EKP)	.000606
Administration (EKP)	.003708
Specific Excess Risk (EKP)	.004606
Rate per \$	.500939

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

Passenger Car or Pickup Truck Line Truck with Winch, Derrick & Auger Bucket Truck

SEP 1 5 1989 \$7.00 PURSUANT TO 807 KAR 5.0100

Rate per Hour

BY: PUBLIC SERVICE COMMISSION MANAGER

C8.90