

ATTACHMENT H-8C

UGI Utilities, Inc.

Formula Rate -- Appendix A

Notes

FERC Form 1 Page #

or Instruction

CY2023

Allocators

| Wages & Salary Allocation Factor | | | |
|---|--|-----------------------|-----------------|
| 1 | Transmission Wages Expense | | 1,084,960 |
| 2 | Total Wages Expense | Attachment 5 | 10,100,398 |
| 3 | Less A&G Wages Expense | Attachment 5 | 3,379,822 |
| 4 | Total | (Line 2 - 3) | 6,720,576 |
| 5 | Wages & Salary Allocator | (Line 1 / 4) | 16.1439% |
| Plant Allocation Factors | | | |
| 6 | Electric Plant in Service | (Note B) p207.104.g | 313,718,946 |
| 7 | Common Plant In Service - Electric | (Line 24) | 28,458,212 |
| 8 | Total Plant In Service | (Sum Lines 6 & 7) | 342,177,158 |
| 9 | Accumulated Depreciation (Total Electric Plant) | p219.19.c | 96,389,022 |
| 10 | Accumulated Intangible Amortization | (Note A) p200.21.c | 0 |
| 11 | Accumulated Common Amortization - Electric | (Note A) Attachment 5 | 0 |
| 12 | Accumulated Common Plant Depreciation - Electric | (Note A) Attachment 5 | 9,974,363 |
| 13 | Total Accumulated Depreciation | (Sum Lines 9 to 12) | 106,363,385 |
| 14 | Net Plant | (Line 8 - Line 13) | 235,813,773 |
| 15 | Transmission Gross Plant | (Line 29 - Line 28) | 80,645,275 |
| 16 | Gross Plant Allocator | (Line 15 / Line 8) | 23.5683% |
| 17 | Transmission Net Plant | (Line 39 - Line 28) | 56,522,586 |
| 18 | Net Plant Allocator | (Line 17 / Line 14) | 23.9692% |

Plant Calculations

| Plant In Service | | | |
|---------------------------------|---|-------------------------------|-------------------|
| 19 | Transmission Plant In Service | (Note B) p207.58.g | 73,072,375 |
| 20 | For Reconciliation only - remove New Transmission Plant Additions for Current Calendar Year | Attachment 6 | 0 |
| 21 | New Transmission Plant Additions for Current Calendar Year (weighted by months in service) | Attachment 6 | 284,420 |
| 22 | Total Transmission Plant In Service | (Line 19 - Line 20 + Line 21) | 73,356,795 |
| 23 | General & Intangible | p205.5.g & p207.99.g | 16,688,875 |
| 24 | Common Plant (Electric Only) | (Notes A & B) Attachment 5 | 28,458,212 |
| 25 | Total General & Common | (Line 23 + Line 24) | 45,147,087 |
| 26 | Wage & Salary Allocation Factor | (Line 5) | 16.14385% |
| 27 | General & Common Plant Allocated to Transmission | (Line 25 * Line 26) | 7,288,480 |
| 28 | Plant Held for Future Use (Including Land) | (Note C) Attachment 5 | 0 |
| 29 | TOTAL Plant In Service | (Line 22 + Line 27 + Line 28) | 80,645,275 |
| Accumulated Depreciation | | | |
| 30 | Transmission Accumulated Depreciation | (Note C) Attachment 5 | 21,897,544 |
| 31 | Accumulated General Depreciation | Attachment 5 | 3,808,870 |
| 32 | Accumulated Intangible Amortization | (Line 10) | 0 |
| 33 | Accumulated Common Amortization - Electric | (Line 11) | 0 |
| 34 | Common Plant Accumulated Depreciation (Electric Only) | (Line 12) | 9,974,363 |
| 35 | Total Accumulated Depreciation | (Sum Lines 31 to 34) | 13,783,233 |
| 36 | Wage & Salary Allocation Factor | (Line 5) | 16.14385% |
| 37 | General & Common Allocated to Transmission | (Line 35 * Line 36) | 2,225,145 |
| 38 | TOTAL Accumulated Depreciation | (Line 30 + Line 37) | 24,122,689 |
| 39 | TOTAL Net Property, Plant & Equipment | (Line 29 - Line 38) | 56,522,586 |

Adjustment To Rate Base

| | | | | |
|--|---|---------------|--------------------------------|-------------------|
| Accumulated Deferred Income Taxes | | | | |
| 40 | ADIT net of FASB 106 and 109 | (Note Q) | Attachment 1 | -9,386,244 |
| 41 | Accumulated Investment Tax Credit Account No. 255 | (Notes A & I) | Attachment 5 | 0 |
| 42 | Net Plant Allocation Factor | | (Line 18) | 23.9692% |
| 43 | Accumulated Deferred Income Taxes Allocated To Transmission | | (Line 41 * Line 42) + Line 40 | -9,386,244 |
| Prepayments | | | | |
| 44 | Prepayments (Account 165) | (Note A) | Attachment 5 | 1,454,759 |
| 45 | Net Plant Allocation Factor | | (Line 18) | 23.9692% |
| 46 | Total Prepayments Allocated to Transmission | | (Line 44 * Line 45) | 348,694 |
| Materials and Supplies | | | | |
| 47 | Undistributed Stores Exp | (Note A) | Attachment 5 | 326,671 |
| 48 | Wage & Salary Allocation Factor | | (Line 5) | 16.1439% |
| 49 | Total Transmission Allocated | | (Line 47 * Line 48) | 52,737 |
| 50 | Transmission Materials & Supplies | | Attachment 5 | 854,695 |
| 51 | Total Materials & Supplies Allocated to Transmission | | (Line 49 + Line 50) | 907,432 |
| Cash Working Capital | | | | |
| 52 | Operation & Maintenance Expense | | (Line 84) | 3,776,800 |
| 53 | 1/8th Rule | | x 1/8 | 12.5% |
| 54 | Total Cash Working Capital Allocated to Transmission | | (Line 52 * Line 53) | 472,100 |
| Network Credits | | | | |
| 55 | Outstanding Network Credits | (Note N) | From PJM | 0 |
| 56 | Less Accumulated Depreciation Associated with Facilities with Outstanding Network Credits | (Note N) | From PJM | 0 |
| 57 | Net Outstanding Credits | | (Line 55 - Line 56) | 0 |
| 58 | TOTAL Adjustment to Rate Base | | (Lines 43 + 46 + 51 + 54 - 57) | -7,658,018 |
| 59 | Rate Base | | (Line 39 + Line 58) | 48,864,568 |

O&M

| | | | | |
|--|---|----------|-------------------------------------|------------------|
| Transmission O&M | | | | |
| 60 | Transmission O&M | | p321.112.b | 7,507,474 |
| 61 | Less extraordinary property loss | | Attachment 5 | |
| 62 | Plus amortized extraordinary property loss | | Attachment 5 | |
| 63 | Less Account 565 and other excluded transmission expenses | | Attachment 5 | 5,251,086 |
| 64 | Plus Schedule 12 Charges billed to Transmission Owner and booked to Account 565 | (Note O) | PJM Data | 0 |
| 65 | Plus Transmission Lease Payments | (Note A) | Attachment 5 | 0 |
| 66 | Transmission O&M | | (Lines 60 - 61 + 62 - 63 + 64 + 65) | 2,256,388 |
| Allocated General & Common Expenses | | | | |
| 67 | Common Plant O&M | (Note A) | Attachment 5 | 0 |
| 68 | Total A&G | | p323.197.b | 9,990,906 |
| 69 | Less Property Insurance Account 924 | | p323.185.b | 36,404 |
| 70 | Less Regulatory Commission Exp Account 928 | (Note E) | Attachment 5 | 492,472 |
| 71 | Less General Advertising Exp Account 930.1 | | Attachment 5 | 98,183 |
| 72 | Less EPRI Dues | (Note D) | Attachment 5 | 0 |
| 73 | General & Common Expenses | | (Lines 67 + 68 - Sum (69 to 72)) | 9,363,847 |
| 74 | Wage & Salary Allocation Factor | | (Line 5) | 16.1439% |
| 75 | General & Common Expenses Allocated to Transmission | | (Line 73 * Line 74) | 1,511,686 |
| Directly Assigned A&G | | | | |
| 76 | Regulatory Commission Exp Account 928 | (Note G) | Attachment 5 | 0 |
| 77 | General Advertising Exp Account 930.1 | (Note K) | Attachment 5 | 0 |
| 78 | Subtotal - Transmission Related | | (Line 76 + Line 77) | 0 |
| 79 | Property Insurance Account 924 | | (Line 69) | 36,404 |
| 80 | General Advertising Exp Account 930.1 | (Note F) | Attachment 5 | 0 |
| 81 | Total | | (Line 79 + Line 80) | 36,404 |
| 82 | Net Plant Allocation Factor | | (Line 18) | 23.9692% |
| 83 | A&G Directly Assigned to Transmission | | (Line 81 * Line 82) | 8,726 |
| 84 | Total Transmission O&M | | (Lines 66 + 75 + 78 + 83) | 3,776,800 |

Depreciation & Amortization Expense

| Depreciation Expense | | | | |
|----------------------|--|----------|-------------------------------|------------------|
| 85 | Transmission Depreciation Expense | | Attachment 5 | 1,379,143 |
| 86 | General Depreciation | | Attachment 5 | 1,460,943 |
| 87 | Intangible Amortization | (Note A) | Attachment 5 | 0 |
| 88 | Total | | (Line 86 + Line 87) | 1,460,943 |
| 89 | Wage & Salary Allocation Factor | | (Line 5) | 16.1439% |
| 90 | General Depreciation Allocated to Transmission | | (Line 88 * Line 89) | 235,852 |
| 91 | Common Depreciation - Electric Only | (Note A) | Attachment 5 | 2,159,117 |
| 92 | Common Amortization - Electric Only | (Note A) | Attachment 5 | 0 |
| 93 | Total | | (Line 91 + Line 92) | 2,159,117 |
| 94 | Wage & Salary Allocation Factor | | (Line 5) | 16.1439% |
| 95 | Common Depreciation - Electric Only Allocated to Transmission | | (Line 93 * Line 94) | 348,565 |
| 96 | Total Transmission Depreciation & Amortization | | (Line 85 + Line 90 + Line 95) | 1,963,560 |

Taxes Other than Income

| | | | | |
|----|--------------------------------------|--|--------------|----------------|
| 97 | Taxes Other than Income | | Attachment 2 | 163,277 |
| 98 | Total Taxes Other than Income | | (Line 97) | 163,277 |

Return / Capitalization Calculations

| Long Term Interest | | | | |
|--------------------|---|------------------------------|------------------------|------------------|
| 99 | Long Term Interest | | p117.62.c through 67.c | 62,941,723 |
| 100 | Less LTD Interest on Securitization Bonds | (Note P) | Attachment 8 | 0 |
| 101 | Long Term Interest | | (Line 99 - Line 100) | 62,941,723 |
| 102 | Preferred Dividends | enter positive | p118.29.c | 0 |
| Common Stock | | | | |
| 103 | Proprietary Capital | | p112.16.c | 1,792,446,240 |
| 104 | Less Preferred Stock | enter negative | (Line 113) | 0 |
| 105 | Less Account 216.1 | enter negative | p112.12.c | -1,805,609 |
| 106 | Common Stock | | (Sum Lines 103 to 105) | 1,790,640,631 |
| Capitalization | | | | |
| 107 | Long Term Debt | | p112.18.c through 21.c | 1,702,500,000 |
| 108 | Less Loss on Reacquired Debt | enter negative | p111.81.c | 0 |
| 109 | Plus Gain on Reacquired Debt | enter positive | p113.61.c | 0 |
| 110 | Less ADIT associated with Gain or Loss | enter negative | Attachment 1 | 0 |
| 111 | Less LTD on Securitization Bonds | (Note P) | Attachment 8 | 0 |
| 112 | Total Long Term Debt | | (Sum Lines 107 to 111) | 1,702,500,000 |
| 113 | Preferred Stock | | p112.3.c | 0 |
| 114 | Common Stock | | (Line 106) | 1,790,640,631 |
| 115 | Total Capitalization | | (Sum Lines 112 to 114) | 3,493,140,631 |
| 116 | Debt % | Total Long Term Debt | (Line 112 / Line 115) | 48.7% |
| 117 | Preferred % | Preferred Stock | (Line 113 / Line 115) | 0.0% |
| 118 | Common % | Common Stock | (Line 114 / Line 115) | 51.3% |
| 119 | Debt Cost | Total Long Term Debt | (Line 101 / Line 112) | 0.0370 |
| 120 | Preferred Cost | Preferred Stock | (Line 102 / Line 113) | 0.0000 |
| 121 | Common Cost | Common Stock | (Note J) Fixed | 0.1130 |
| 122 | Weighted Cost of Debt | Total Long Term Debt (WCLTD) | (Line 116 * Line 119) | 0.0180 |
| 123 | Weighted Cost of Preferred | Preferred Stock | (Line 117 * Line 120) | 0.0000 |
| 124 | Weighted Cost of Common | Common Stock | (Line 118 * Line 121) | 0.0579 |
| 125 | Total Return (R) | | (Sum Lines 122 to 124) | 0.0759 |
| 126 | Investment Return = Rate Base * Rate of Return | | (Line 59 * Line 125) | 3,710,985 |

Composite Income Taxes

| Income Tax Rates | | | |
|-----------------------|---|--|----------------|
| 127 | FIT=Federal Income Tax Rate | FIT for Year | 21.00% |
| 128 | SIT=State Income Tax Rate or Composite | (Note I) SIT for Year | 8.99% |
| 129 | p | (percent of federal income tax deductible for state purposes) | 0.00% |
| 130 | T | $T = 1 - \frac{((1 - SIT) * (1 - FIT))}{(1 - SIT * FIT * p)}$ | 28.10% |
| 131 | T / (1-T) | | 39.09% |
| ITC Adjustment | | | |
| 132 | Amortized Investment Tax Credit | (Note I) enter negative | 0 |
| 133 | 1/(1-T) | p266.6.f 1 / (1-T) | 139.09% |
| 134 | Net Plant Allocation Factor | (Line 18) | 23.9692% |
| 135 | ITC Adjustment Allocated to Transmission | (Line 132 * Line 133 * Line 134) | 0 |
| 136 | Income Tax Component = | $CIT = (T/(1-T)) * Investment\ Return * (1 - (WCLTD/R)) =$ [Line 131 * 126 * (1-(122 / 125))] | 1,106,337 |
| Amortization of EDFIT | | | |
| 137 | Amortization Expense/(Benefit) | (Note Q) Attachment 1A, Column F, "EDIT Amortization (Benefit)/Expense, Line 35, Col. D | -215,770 |
| 138 | | 1-(Line 122 / Line 125) | 76.27% |
| 139 | Amortization * (1-(WCLTD/R)) = | (Line 137 * Line 138) | -164,576 |
| 140 | Total Income Taxes | = Line 135 + Line 136 + Line 139 | 941,761 |

REVENUE REQUIREMENT

| Summary | | | |
|---------|----------------------------------|-------------------------------|-------------------|
| 141 | Net Property, Plant & Equipment | (Line 39) | 56,522,586 |
| 142 | Adjustment to Rate Base | (Line 58) | -7,658,018 |
| 143 | Rate Base | (Line 59) | 48,864,568 |
| 144 | O&M | (Line 84) | 3,776,800 |
| 145 | Depreciation & Amortization | (Line 96) | 1,963,560 |
| 146 | Taxes Other than Income | (Line 98) | 163,277 |
| 147 | Investment Return | (Line 126) | 3,710,985 |
| 148 | Income Taxes | (Line 140) | 941,761 |
| 149 | Gross Revenue Requirement | (Sum Lines 144 to 148) | 10,556,383 |

| Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities | | | |
|--|---|--------------------------|------------------|
| 150 | Transmission Plant In Service | (Line 19) | 73,072,375 |
| 151 | Excluded Transmission Facilities | (Note M) Attachment 5 | 5,410,501 |
| 152 | Included Transmission Facilities | (Line 150 - Line 151) | 67,661,874 |
| 153 | Inclusion Ratio | (Line 152 / Line 150) | 92.60% |
| 154 | Gross Revenue Requirement | (Line 149) | 10,556,383 |
| 155 | Adjusted Gross Revenue Requirement | (Line 153 x Line 154) | 9,774,756 |

| Revenue Credits & Interest on Network Credits | | | |
|---|------------------------------------|---|------------------|
| 156 | Revenue Credits | Attachment 3 | 77,169 |
| 157 | Interest on Network Credits | (Note N) PJM Data | 0 |
| 158 | Net Revenue Requirement | (Line 155 - Line 156 + Line 157) | 9,697,587 |

| Net Plant Carrying Charge without ROE Increment | | | |
|---|--|---|------------|
| 159 | Gross Revenue Requirement | (Line 149) | 10,556,383 |
| 160 | Net Transmission Plant | (Line 19 - Line 30) | 51,174,831 |
| 161 | Net Plant Carrying Charge | (Line 159 / Line 160) | 20.6281% |
| 162 | Net Plant Carrying Charge without Depreciation | (Line 159 - Line 85) / Line 160 | 17.9331% |
| 163 | Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes | (Lines 159 - 85 - 126 - 140) / Line 160 | 8.8412% |

| Net Plant Carrying Charge with 100 Basis Point ROE Increment | | | |
|--|---|----------------------------------|------------|
| 164 | Gross Revenue Requirement Less Return and Taxes | (Line 149 - Line 147 - Line 148) | 5,903,637 |
| 165 | Increased Return and Taxes | Attachment 4 | 5,165,716 |
| 166 | Net Revenue Requirement per 100 Basis Point increase in ROE | (Line 164 + Line 165) | 11,069,353 |
| 167 | Net Transmission Plant | (Line 19 - Line 30) | 51,174,831 |
| 168 | Net Plant Carrying Charge per 100 Basis Point increase in ROE | (Line 166 / Line 167) | 21.6305% |
| 169 | Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation | (Line 165 - Line 85) / Line 167 | 18.9355% |

| Net Revenue Requirement | | | |
|-------------------------|---|------------------------|------------------|
| 170 | Net Revenue Requirement | (Line 158) | 9,697,587 |
| 171 | Reconciliation Amount ¹ | Attachment 6 | (684,878) |
| 172 | Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects | Attachment 7 | - |
| 173 | Facility Credits under Section 30.9 of the PJM OATT | Attachment 5 | - |
| 174 | Net Zonal Revenue Requirement | (Sum Lines 170 to 173) | 9,012,709 |

| Network Zonal Service Rate | | | |
|----------------------------|-------------------|-----------------------------------|-------|
| 175 | 1 CP Peak | (Note L) PJM data | 6,593 |
| 176 | Rate (\$/MW-Year) | (Note L) (Line 174 / Line 175) | 1,367 |

| | | | | |
|-----|--|-----------------|-------------------|--------------|
| 177 | Network Service Rate (\$/MW-Year) | (Note L) | (Line 176) | 1,367 |
|-----|--|-----------------|-------------------|--------------|

Notes

- A Electric portion only
- B Exclude Construction Work In Progress and leases that are expensed as O&M (rather than amortized). New Transmission plant included in the PJM Regional Transmission Expansion Plan which is expected to be placed in service in the current calendar year weighted by number of months it is expected to be in-service. For the true-up, new transmission plant which was included in the PJM RTEP actually placed in service weighted by the number of months it was actually in service
- C Transmission Portion Only
- D EPRI Annual Membership Dues
- E All Regulatory Commission Expenses
- F Safety related advertising included in Account 930.1
- G Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized at 351.h.
- I The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and $p =$ "the percentage of federal income tax deductible for state income taxes". If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) multiplied by $(1/1-T)$. A utility must not include tax credits as a reduction to rate base and as an amortization against taxable income.
- J ROE will be supported in the original filing and no change in ROE may be made absent a filing with FERC.
- K Education and outreach expenses relating to transmission, for example siting or billing
- L The Network Zonal Rate is calculated by PJM Interconnection for the PPL Group Zone.
- M Amount of transmission plant excluded from rates, includes investment in generation step-up transformers to the extent included in Plant in Service.
- N Outstanding Network Credits is the balance of Network Facilities Upgrades Credits due Transmission Customers who have made lump-sum payments (net of accumulated depreciation) towards the construction of Network Transmission Facilities consistent with Paragraph 657 of Order 2003-A. Interest on the Network Credits as booked each year is added to the revenue requirement to make the Transmission Owner whole on Line 157.
- O Payments made under Schedule 12 of the PJM OATT are excluded in Transmission O&M on line 64 since they are already assessed under Schedule 12
- P Securitization bonds may be included in the capital structure.
- Q Upon enactment of changes in tax law, income tax rates and other actions taken by a taxing authority, deferred taxes are re-measured and adjusted in the Company's books of account, resulting in excess or deficient accumulated deferred income taxes. Such excess or deficient deferred income taxes attributed to the transmission function will be based upon tax records and calculated in the year in which the excess or deficient amount was measured and recorded for financial reporting purposes. The excess and/or deficient deferred income taxes are deducted from or added to rate base, as applicable, to ensure rate base neutrality. Further, the income tax component of the formula rate incorporates any amortization of the excess and/or deficient deferred income taxes.

1 Explanatory Note: The reconciliation amount of (\$684,878) represents the true-up of the prior years forecast plus interest as calculated in Step 9 of "Attachment 6 - Estimate and Reconciliation Worksheet".

END

UGI Utilities, Inc.

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

| | Only Transmission Related | Plant Related | Labor Related | Total ADIT |
|---|----------------------------------|---------------------------------|------------------|------------------|
| 1 ADIT- 282 | (729,972) | (37,058,089) | 0 | (37,788,061) |
| 2 ADIT-283 | 0 | 0 | 0 | 0 |
| 3 ADIT-190 | 0 | 0 | 481,193 | 481,193 |
| 4 Subtotal | (729,972) | (37,058,089) | 481,193 | (37,306,868) |
| 5 Wages & Salary Allocator | | 23.5683% | 16.1439% | |
| 6 Gross Plant Allocator | | | | |
| 7 ADIT | (729,972) | (8,733,955) | 77,683 | (9,386,244) |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 ADIT-190 | Gas, Prod Or Other Related | Only Transmission Related | Plant Related | Labor Related |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |
| 16 RESERVE FOR BAD DEBT - FIT | 490,512 | | | |
| 17 RESERVE FOR BAD DEBT - STATE | 230,728 | | | |
| 18 DEFERRED REVENUE - FIT | 816 | | | |
| 19 DEFERRED REVENUE - STATE | 384 | | | |
| 20 FIXED TRANSMISSION RIGHTS (FTR) - FIT | | | | |
| 21 FIXED TRANSMISSION RIGHTS (FTR) - STATE | | | | |
| 22 FV DERIVATIVES - GAS FUTURES - FIT | | | | |
| 23 FV DERIVATIVES - GAS FUTURES - STATE | | | | |
| 24 INJURIES & DAMAGES - FIT | | | | |
| 25 INJURIES & DAMAGES - STATE | | | | |
| 26 SFAS 112 WORKERS COMPENSATION/LTD CURRENT - FIT | | | | 101,454 |
| 27 SFAS 112 WORKERS COMPENSATION/LTD CURRENT - STATE | | | | 47,722 |
| 28 SFAS 112 LTD/STD (NON CURRENT) - FIT | | | | |
| 29 SFAS 112 LTD/STD (NON CURRENT) - STATE | | | | |
| 30 SFAS 106 POST RETIREMENT BENEFIT (NON CURRENT) - FIT | | | | 1,116,479 |
| 31 SFAS 106 POST RETIREMENT BENEFIT (NON CURRENT) - STATE | | | | 525,172 |
| 32 SFAS 106 POST RETIREMENT BENEFIT (CURRENT) - FIT | | | | |
| 33 SFAS 106 POST RETIREMENT BENEFIT (CURRENT) - STATE | | | | |
| 34 PREPAID RETIREMENT INCOME COSTS (PRE-SFAS 158) - FIT | | | | |
| 35 PREPAID RETIREMENT INCOME COSTS (PRE-SFAS 158) - STATE | | | | |
| 36 EXEC RETIREMENT PLAN - FIT | | | | |
| 37 EXEC RETIREMENT PLAN - STATE | | | | |
| 38 ANNUAL BONUS PLAN (EXEMPT) - FIT | | | | |
| 39 ANNUAL BONUS PLAN (EXEMPT) - STATE | | | | |
| 40 ANNUAL BONUS PLAN (EXECUTIVE) - FIT | | | | 81,168 |
| 41 ANNUAL BONUS PLAN (EXECUTIVE) - STATE | | | | 38,180 |
| 42 AOCI - OPEB - FIT | | | | |
| 43 AOCI - OPEB - STATE | | | | |
| 44 RESTRICTED STOCK AWARDS - FIT | | | | 19,279 |
| 45 RESTRICTED STOCK AWARDS - STATE | | | | 9,068 |
| 46 VACATION ACCRUAL - FIT | | | | 125,356 |
| 47 VACATION ACCRUAL - STATE | | | | 58,965 |
| 48 TAX CUSHION - FIT | | | | |
| 49 TAX CUSHION - STATE | | | | |
| 50 VEBA - FIT | | | | |
| 51 VEBA - STATE | | | | |
| 52 FAS 143 ASSET RETIREMENT OBLIG - FIT | | | | |
| 53 FAS 143 ASSET RETIREMENT OBLIG - STATE | | | | |
| 54 CIAC RECEIPTS - NET REFUNDS - FIT | 2,270,840 | | | |
| 55 CIAC RECEIPTS - NET REFUNDS - STATE | 679,864 | | | |
| 56 EDFIT DEFERRED TAX ASSET | | | | |
| 57 IRPA - FIT | | | | |
| 58 IRPA - STATE | | | | |
| 59 FAS 158 - FIT | | | | |
| 60 FAS 158 - STATE | | | | |
| 61 MARK TO MARKET ENERGY PURCHASES - ST - FIT | | | | |
| 62 MARK TO MARKET ENERGY PURCHASES - ST - STATE | | | | |
| 63 NET OPERATING LOSS - FIT | | | | |
| 64 NET OPERATING LOSS - STATE | | | | |
| 65 UNDER/OVER RECOVERED BILLED ENERGY COSTS - FIT | 821,481 | | | |
| 66 UNDER/OVER RECOVERED BILLED ENERGY COSTS - STATE | 386,410 | | | |
| 67 UNDER/OVER RECOVERED UNBILLED ENERGY COSTS - FIT | | | | |
| 68 UNDER/OVER RECOVERED UNBILLED ENERGY COSTS - STATE | | | | |
| 69 DERIVATIVE INSTRUMENT ASSETS - NATURAL GAS OPTIONS - FIT | 1,228 | | | |
| 70 DERIVATIVE INSTRUMENT ASSETS - NATURAL GAS OPTIONS - STATE | 577 | | | |
| 71 OCI ALLOCATION ADJUSTMENT - FIT | | | | |
| 72 LOSS ON REACQUIRED DEBT - FIT | | | | |
| 73 LOSS ON REACQUIRED DEBT - STATE | | | | |
| 74 REG LIABILITY - WEATHERIZATION - FEDERAL | | | | |
| 75 REG LIABILITY - WEATHERIZATION - STATE | | | | |
| 76 TAX CAPITALIZED PENSION - FEDERAL | | | | |
| 77 TAX CAPITALIZED PENSION - STATE | | | | |
| 78 AOCI - IRPA - FIT | | | | |
| 79 AOCI - IRPA - STATE | | | | |
| 80 AOCI - PENSION - FIT | | | | |
| 81 AOCI - PENSION - STATE | | | | |
| 82 FAS 146 - FIT | | | | |
| 83 FAS 146 - SIT | | | | |
| 84 T&D AMORTIZATION - FIT | | | | |
| 85 T&D AMORTIZATION - SIT | | | | |
| 86 REG LIABILITY - FEDERAL | (76,793) | | | |
| 87 REG LIABILITY - STATE | (36,122) | | | |
| 88 INVENTORY RESERVE - FIT | | | | |
| 89 INVENTORY RESERVE - SIT | 3,026 | | | |
| 90 SFAS 158 PENSION - FIT | 1,424 | | | |
| 91 SFAS 158 PENSION - SIT | 1,046,841 | | | |
| 92 EXECUTIVE RETIREMENT PLAN - FIT | 492,416 | | | |
| 93 EXECUTIVE RETIREMENT PLAN - SIT | | | | |
| 94 OTHER MISC ADIT - FIT | | | | |
| 95 OTHER MISC ADIT - STATE | | | | |
| 96 DEFICIENT/(EXCESS) ADIT - FROM ATTACHMENT 1A, SUBTOTAL OF "UNPROTECTED" & "PROTECTED" ITEMS RECORDED IN FERC ACCOUNT 190 | 50,967 | | | |
| 97 DEFERRED TAXES ON GROSS-UP OF DEFICIENT/(EXCESS) ADIT | (13,084) | | | |
| 98 Subtotal - p234 | 6,351,514 | - | - | 2,122,845 |
| 99 Less FASB 109 Above | | | | |
| 100 Less FASB 106 Above | | | | 1,641,652 |
| 101 Total | 6,351,514 | - | - | 481,193 |

- Instructions for Account 190:
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column A
 - ADIT items related only to Transmission are directly assigned to Column B
 - ADIT items related Plant and not in Columns A & B are directly assigned to Column C
 - ADIT items related to labor and not in Columns A & B are directly assigned to Column D
 - Since deferred income taxes arise when items are included in taxable income in different periods than they are included in rates - therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

6. Re: Form 1-F filer: Sum of subtotals for Accounts 282 and 283 should tie to Form No. 1-F, p.113.57.c Source: Northwest Pipeline Corporation 87 FERC ¶61,266 (1999)

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ADIT- 282

| | (A) Gas, Prod Or Other Related | (B) Only Transmission Related | (C) Plant Related | (D) Labor Related |
|---|---|--|-------------------------|-------------------------|
| SFAS 109 RECOVERABLE UTILITY COSTS - FIT | (389,356) | | | |
| SFAS 109 RECOVERABLE UTILITY COSTS - STATE | (6,831,836) | | | |
| LIB. TAX DEPRECIATION ADR - FIT | | | | |
| LIB. TAX DEPRECIATION ADR - STATE | | | | |
| LIB. TAX DEPRECIATION - FIT - ACRS/MACRS | | | (27,901,146) | |
| LIB. TAX DEPRECIATION - STATE - ACRS/MACRS | | (729,972) | | |
| DEFICIENT(EXCESS) ADIT - FROM ATTACHMENT 1A, SUBTOTAL OF "UNPROTECTED" & "PROTECTED" ITEMS RECORDED IN FERC ACCOUNT 282 | | | (12,211,298) | |
| DEFERRED TAXES ON GROSS-UP OF DEFICIENT/(EXCESS) ADIT | | | 3,054,355 | |
| Subtotal - p275 (Form 1-F filer: see note 6 below) | (7,221,192) | (729,972) | (37,058,089) | 0 |
| Less FASB 109 Above | (7,221,192) | 0 | 0 | 0 |
| Less FASB 106 Above | | | | |
| Total | 0 | (729,972) | (37,058,089) | 0 |

Instructions for Account 282:

- 135 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column A
- 136 2. ADIT items related only to Transmission are directly assigned to Column B
- 137 3. ADIT items related Plant and not in Columns A & B are directly assigned to Column C
- 138 4. ADIT items related to labor and not in Columns A & B are directly assigned to Column D
- 139 5. Since deferred income taxes arise when items are included in taxable income in different periods than they are included in rates - therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded
- 140 6. Re: Form 1-F filer: Sum of subtotals for Accounts 282 and 283 should tie to Form No. 1-F, p.113.57.c

Source: Northwest Pipeline Corporation 87 FERC ¶61,266 (1999)

See Note Q

ADIT-283

| | Gas, Prod Or Other Related | Only Transmission Related | Plant Related | Labor Related |
|---|----------------------------------|---------------------------------|------------------|------------------|
| LOSS OF REACQUIRED DEBT - FIT | | | | |
| LOSS OF REACQUIRED DEBT - STATE | | | | |
| INSURANCE RECEIVABLE - FIT | | | | |
| INSURANCE RECEIVABLE - STATE | | | | |
| ANNUAL BONUS PLAN (EXECUTIVE) - FIT | | | | |
| ANNUAL BONUS PLAN (EXECUTIVE) - STATE | | | | |
| OTHER CURRENT MISC. REG ASSETS - FIT | | | | |
| OTHER CURRENT MISC. REG ASSETS - STATE | | | | |
| OTHER MISC. REG ASSETS - FIT | (3,875,276) | | | |
| OTHER MISC. REG ASSETS - STATE | (1,822,862) | | | |
| REG. LIABILITY - WEATHERIZATION - FIT | | | | |
| REG. LIABILITY - WEATHERIZATION - STATE | | | | |
| OTH REG ASSETS - ELEC DEFD COSTS - FIT | | | | |
| OTH REG ASSETS - ELEC DEFD COSTS - STATE | | | | |
| REG ASSET - EEC - FIT | | | | |
| REG ASSET - EEC - STATE | | | | |
| MARK TO MARKET ENERGY PURCHASES- ST - FIT | | | | |
| MARK TO MARKET ENERGY PURCHASES- ST - STATE | | | | |
| REG LIABILITY - ENVIRONMENTAL - FIT | | | | |
| REG LIABILITY - ENVIRONMENTAL - SIT | | | | |
| SFAS 112 LTD/STD (NON CURRENT) - FIT | | | | |
| SFAS 112 LTD/STD (NON CURRENT) - STATE | | | | |
| SFAS 106 POST RETIREMENT BENEFIT (NON CURRENT) - FIT | | | | |
| SFAS 106 POST RETIREMENT BENEFIT (NON CURRENT) - STATE | | | | |
| CAP PROGRAM OVER/UNDER - FIT | | | | |
| CAP PROGRAM OVER/UNDER - STATE | | | | |
| OTHER MISC ADIT - FIT | (9,772) | | | |
| OTHER MISC ADIT - STATE | (4,597) | | | |
| REG ASSET - HURRICANE IRENE - FIT | | | | |
| REG ASSET - HURRICANE IRENE - STATE | | | | |
| REGULATORY ASSET - PENSION - FIT | | | | |
| REGULATORY ASSET - PENSION - STATE | | | | |
| AOCI - PENSION - FIT | | | | |
| AOCI - PENSION - STATE | | | | |
| AOCI - IRPA - FIT | | | | |
| AOCI - IRPA - STATE | | | | |
| UNDER/OVER RECOVERED BILLED ENERGY COSTS - FIT | | | | |
| UNDER/OVER RECOVERED BILLED ENERGY COSTS - STATE | | | | |
| DERIVATIVE INSTRUMENT ASSETS - NATURAL GAS OPTIONS - FIT | | | | |
| DERIVATIVE INSTRUMENT ASSETS - NATURAL GAS OPTIONS - STATE | | | | |
| OTHER REG ASSETS - RATE CASE - FIT | | | | |
| OTHER REG ASSETS - RATE CASE - STATE | | | | |
| CAC GROSS UP - FIT | | | | |
| EDIT | | | | |
| DEFICIENT(EXCESS) ADIT - FROM ATTACHMENT 1A, SUBTOTAL OF "UNPROTECTED" & "PROTECTED" ITEMS RECORDED IN FERC ACCOUNT 283 | | | | |
| DEFERRED TAXES ON GROSS-UP OF DEFICIENT/(EXCESS) ADIT | | | | |
| Subtotal - p277 | (5,712,507) | - | - | - |
| Less FASB 105 Above | | | | |
| Less FASB 106 Above | | | | |
| Total | (5,712,507) | - | - | - |

Instructions for Account 283:

- 202 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column A
- 203 2. ADIT items related only to Transmission are directly assigned to Column B
- 204 3. ADIT items related Plant and not in Columns A & B are directly assigned to Column C
- 205 4. ADIT items related to labor and not in Columns A & B are directly assigned to Column D
- 206 5. Since deferred income taxes arise when items are included in taxable income in different periods than they are included in rates - therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded
- 207 6. Re: Form 1-F filer: Sum of subtotals for Accounts 282 and 283 should tie to Form No. 1-F, p.113.57.c

Source: Northwest Pipeline Corporation 87 FERC ¶61,266 (1999)

UGI Utilities, Inc.

ATT 1A - (Excess)/Deficient ADIT Worksheet⁽¹⁾

FEDERAL RATE CHANGE:

| | |
|-------------------------------|-------------|
| Pre-Tax Rate Change Fed | 35.00% |
| Post-Tax Rate Change Fed | 21.00% |
| Gross-Up Lib Tax Depr | 1.333556215 |
| Gross-Up CIAC | 1.34536582 |
| Pre-Tax Rate Change Fed+FBOS | 31.503500% |
| Post-Tax Rate Change Fed+FBOS | 18.902100% |

STATE RATE CHANGE:

| | |
|---------------------------------------|-----------|
| Pre-Tax Rate Change ST - Pennsylvania | 9.99% |
| Federal Tax Rate | 21.00% |
| Gross-Up - Pre Rate Change | 1.4063135 |
| Pre-Tax Rate Change ST+FBOS | 7.892% |
| Post-Tax Rate Change ST+FBOS | 3.942% |
| Gross-Up - Post Rate Change | 1.480204 |
| Post-Tax Rate Change ST | 4.990% |

| (Excess)/Deficient ADIT Carries To | ADIT Description ⁽²⁾ | ADIT FERC Account | Beginning of the Year | | | End of the Year | | | Protected/Unprotected | (Excess)/Deficient ADIT FERC Account | Amortization Period | Justification for Amortization Period | (Excess)/Deficient Amortization FERC Account |
|--|--|-------------------|-------------------------|-------------------------|--|---|--|-----------|-----------------------|--------------------------------------|--|---------------------------------------|--|
| | | | (Excess)/Deficient ADIT | (Excess)/Deficient ADIT | EDIT Amortization (Benefit)/Expense ⁽³⁾ | Pre - Gross-Up (Excess)/Deficient ADIT Balances | Post-Gross-Up (Excess)/Deficient ADIT Balances | | | | | | |
| | | | Pre-Gross Up | Post-Gross Up | | | | | | | | | |
| ATT 1, ADIT-282, LIB. Tax Depreciation | Property - FED | 282 | (10,024,989) | (14,098,278) | (868,047) | (9,156,943) | (12,211,298) | Protected | 254 | ARAM | In accordance with IRS Normalization rules | 411.1 - Deferred Tax Exp | |
| ATT 1, ADIT-190, CIAC Receipts | CIAC - FED | 190 | 143,825 | 202,263 | 105,941 | 37,884 | 50,967 | Protected | 182.3 | ARAM | In accordance with IRS Normalization rules | 410 - Deferred Tax Exp | |
| ATT 1 - Line 132 | Property - ST | 282 | (2,226,796) | (3,295,474) | (153,406) | (2,073,390) | (3,069,040) | Protected | 282 | ARAM | In accordance with IRS Normalization rules | 182 - Regulatory Asset | |
| | Subtotal - Protected | | (12,107,961) | (17,191,489) | (915,512) | (11,192,449) | (15,229,370) | | | | | | |
| | | | - | - | - | - | - | | | | | | |
| | Subtotal - Unprotected | | - | - | - | - | - | | | | | | |
| | Total Protected & Unprotected | | (12,107,961) | (17,191,489) | (915,512) | (11,192,449) | (15,229,370) | | | | | | |

Notes:

- (1) Because the company has a fiscal year-end of September 30, its excess/deficient ADIT is calculated on a fiscal year basis.
- (2) Rows may be added or deleted depending upon future tax rate changes.
- (3) **Explanatory Note:** These amounts are for the entire Electric Division. Below is a calculation of the amounts allocated to solely the Electric Transmission segment:

| | EDIT | | |
|-------------------------------|---|--|-----------|
| | EDIT Amortization (Benefit)/Expense for Plant | Amortization (Benefit)/Expense for Labor | Total |
| | EDIT Amount | (915,512) | - |
| Allocation % from ATT H | 23.57% | 16.14% | |
| Allocated Transmission Amount | (215,770) | - | (215,770) |

(4) The amounts carried from Attachment I-A to Attachment 1 are on a pre-tax gross-up basis.

UGI Utilities, Inc.

ATT 1B: Calculation of (Excess)/Deficient ADIT at Tax Rate Change ⁽¹⁾

| | |
|--|------------|
| Pre-Tax Rate Change ST - Pennsylvania | 9.99% |
| Post-Tax Rate Change ST - Pennsylvania | 21.00% |
| Federal Tax Rate | 1,406,3135 |
| Gross-Up - Pre Rate Change | 7.892% |
| Pre-Tax Rate Change ST+FBOS | 3.957% |
| Post-Tax Rate Change ST+FBOS | 1.480204 |
| Gross-Up - Post Rate Change | |
| Post-Tax Rate Change ST | |

| (Excess)/Deficient ADIT Carries To | ADIT Description ⁽²⁾ | ADIT FERC Account | Gross ADIT Balances Before Tax Rate Change | ADIT Tax Effectuated Balances Before Tax Rate Change | ADIT Tax Effectuated Balances After Tax Rate Change | (Excess)/Deficient ADIT Pre-Gross Up | (Excess)/Deficient ADIT Post-Gross Up | EDIT Amortization (Benefit)/Expense ⁽³⁾ | Pre - Gross-Up ADIT Balances | Post-Gross-Up ADIT Balances | Protected/Unprotected | (Excess)/Deficient ADIT FERC Account | Amortization Period | Justification for Amortization Period | (Excess)/Deficient Amortization FERC Account |
|------------------------------------|--|-------------------|--|--|---|--------------------------------------|---------------------------------------|--|------------------------------|-----------------------------|-----------------------|--------------------------------------|---------------------|--|--|
| ATT 1 - Line 132 | Property - ST | 282 | 52,691,700 | 4,158,482 | 2,085,092 | 2,073,390 | 3,069,040 | - | 2,073,390 | 3,069,040 | Protected | 182 | ARAM | In accordance with IRS Normalization rules | 282 |
| | Subtotal - Protected | | 52,691,700 | 4,158,482 | 2,085,092 | 2,073,390 | 3,069,040 | 0 | 2,073,390 | 3,069,040 | | | | | |
| | Subtotal - Unprotected | | - | - | - | - | - | - | - | - | | | | | |
| | Total Protected & Unprotected | | 52,691,700 | 4,158,482 | 2,085,092 | 2,073,390 | 3,069,040 | 0 | 2,073,390 | 3,069,040 | | | | | |

Notes:

(1) Because the company has a fiscal year-end of September 30, it's excess/deficient ADIT is calculated on a fiscal year basis.

(2) Rows may be added or deleted depending upon the Company's deferred inventory when/if future tax rate changes occur.

(3) The EDIT amortization expense is before gross-up because the gross-up is calculated on ATT H. This amount is carried to ATT H, Line 137.

UGI Utilities, Inc.

Attachment 2 - Taxes Other Than Income Worksheet

| | | Source: Ferc Form 1 Pages 262-263 | Allocator | Allocated Amount |
|----------------------|--|--|------------------|-----------------------------|
| Other Taxes | | | | |
| Plant Related | | Gross Plant Allocator | | |
| 1 | Real property (State, Municipal or Local) | 79,666 | | |
| 2 | Personal property | | | |
| 3 | Capital Stock Tax | | | |
| 4 | Gross Premium (Insurance) Tax | | | |
| 5 | PURTA | 76,354 | | |
| 6 | Corp License | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | Total Plant Related | 156,020 | 23.5683% | 36,771 |
| 10 | | | | |
| 11 | | | | |
| 12 | Labor Related | Wages & Salary Allocator | | |
| 13 | | | | |
| 14 | | | | |
| 15 | Federal FICA/Medicare & Unemployment | 722,123 | | |
| 16 | State Unemployment | 32,583 | | |
| 17 | Healthcare Tax Premium - PCORI | | | |
| 18 | Payroll Tax Adjustment | 81,655 | | |
| 19 | | | | |
| 20 | Total Labor Related | 836,361 | 16.1439% | 135,021 |
| 21 | | | | |
| 22 | | | | |
| 23 | Other Included | Gross Plant Allocator | | |
| 24 | | | | |
| 25 | Heavy Highway | 0 | | |
| 26 | Sales Use/Refund Claim | (36,129) | | |
| 27 | | | | |
| 28 | | | | |
| 29 | Total Other Included | (36,129) | 23.5683% | (8,515) |
| 30 | | | | |
| 31 | Total Included | Sum lines 9+20+29 | | 956,252 |
| 32 | | | | 163,277 |
| 33 | | | | |
| 34 | Currently Excluded | | | |
| 35 | | | | |
| 36 | Gross Receipts Tax (GRT) | 7,375,807 | | |
| 37 | Ultiity Regulatory Assessment | 311,552 | | |
| 38 | | | | |
| 39 | | | | |
| 40 | | | | |
| 41 | Total Excluded | <u>7,687,359</u> | | |
| 42 | | | | |
| 43 | Grand Total = Included + Excluded (line 31 + 41) | <u>8,643,611</u> | | |
| 44 | | | | |
| 45 | Total "Taxes Other Than Income Taxes" Acct. 408.1 (p115.14.g) | 8,643,611 | | |
| 46 | | | | |
| 47 | Difference | | | (0) |

UGI Utilities, Inc.

Attachment 3 - Revenue Credit Workpaper

| | | | |
|---|---|--------------------------|--------|
| Account 454 - Rent from Electric Property | | | |
| 1 | Rent from Electric Property - Transmission Related (Note 3) | (See Footnote Below) | 3,340 |
| 2 | Total Rent Revenues | (Line 1) | 3,340 |
| Account 456 - Other Electric Revenues (Note 1) | | | |
| 3 | Schedule 1A | | |
| 4 | Net revenues associated with Network Integration Transmission Service (NITS) for which the load is not included in the divisor (difference between NITS credits from PJM and PJM NITS charges paid by Transmission Owner) (Note 4) | | |
| 5 | Point to Point Service revenues received by the Transmission Owner for which the load is not included in the divisor | | 75,499 |
| 6 | PJM Transitional Revenue Neutrality (Note 1) | | |
| 7 | PJM Transitional Market Expansion (Note 1) | | |
| 8 | Professional Services (Note 3) | | |
| 9 | Revenues from Directly Assigned Transmission Facility Charges (Note 2) | | |
| 10 | Rent or Attachment Fees associated with Transmission Facilities (Note 3) | | |
| 11 | Gross Revenue Credits | (Sum Lines 2 through 10) | 78,839 |
| 12 | Line 17g | | 1,670 |
| 13 | Total Revenue Credits | (Line 11 - Line 12) | 77,169 |
| Revenue Adjustment to determine Revenue Credit | | | |
| 14 | Note 1: All revenues related to transmission that are received as a transmission owner (i.e., not received as a LSE), for which the cost of the service is recovered under this formula, except as specifically provided for elsewhere in this Attachment or elsewhere in the formula will be included as a revenue credit or the associated load will be included in the peak on line 173 of Appendix A. | | |
| 15 | Note 2: If the costs associated with the Directly Assigned Transmission Facility Charges are included in the Rates, the associated revenues are included in the Rates. If the costs associated with the Directly Assigned Transmission Facility Charges are not included in the Rates, the associated revenues are not included in the Rates. | | |
| 16 | Note 3: Ratemaking treatment for the following specified secondary uses of transmission assets: (1) right-of-way leases and leases for space on transmission facilities for telecommunications; (2) transmission tower licenses for wireless antennas; (3) right-of-way property leases for farming, grazing or nurseries; (4) licenses of intellectual property (including a portable oil degasification process and scheduling software); and (5) transmission maintenance and consulting services (including energized circuit maintenance, high-voltage substation maintenance, safety training, transformer oil testing, and circuit breaker testing) to other utilities and large customers (collectively, products). Company will retain 50% of net revenues consistent with Pacific Gas and Electric Company, 90 FERC ¶ 61,314. Note: in order to use lines 17a - 17g, the utility must track in separate subaccounts the revenues and costs associated with each secondary use (except for the cost of the associated income taxes). | | |
| 17a | Revenues included in lines 1-11 which are subject to 50/50 sharing. | | 3,340 |
| 17b | Costs associated with revenues in line 17a | | |
| 17c | Net Revenues (17a - 17b) | | 3,340 |
| 17d | 50% Share of Net Revenues (17c / 2) | | 1,670 |
| 17e | Costs associated with revenues in line 17a that are included in FERC accounts recovered through the formula times the allocator used to functionalize the amounts in the FERC account to the transmission service at issue. | | |
| 17f | Net Revenue Credit (17d + 17e) | | 1,670 |
| 17g | Line 17a less line 17f | | 1,670 |
| 18 | Note 4: If the facilities associated with the revenues are not included in the formula, the revenue is shown here but not included in the total above and is explained in the Cost Support; for example, revenues associated with distribution facilities. In addition, Revenues from Schedule 12 are not included in the total above to the extent they are credited under Schedule 12. | | |
| 19 | Amount offset in line 4 above | | |
| 20 | Total Account 454 and 456 | (Lines 11+ 18 + 19) | 78,839 |

Account 454 - Rent from Electric Property - \$627,416. This represents pole attachment revenue of which \$624,076 is PA Jurisdictional revenue and \$3,340 is transmission pole attachment revenue.

UGI Utilities, Inc.

Attachment 4 - Calculation of 100 Basis Point Increase in ROE

| | | | |
|---|---|-----------------------|-----------|
| A | Return and Taxes with 100 Basis Point Increase in ROE | | |
| | 100 Basis Point increase in ROE and Income Taxes | (Line 126 + Line 141) | 5,165,716 |
| B | 100 Basis Point increase in ROE | | 1.00% |

Return Calculation

| | | | | |
|-----|--|------------------------------|--------------------------|---------------|
| 59 | Rate Base | | (Line 39 + Line 58) | 48,864,568 |
| | Long Term Interest | | | |
| 99 | Long Term Interest | | p117.62.c through 67.c | 62,941,723 |
| 100 | Less LTD Interest on Securitization Bonds | | Attachment 8 | 0 |
| 101 | Long Term Interest | | (Line 99 - Line 100) | 62,941,723 |
| 102 | Preferred Dividends | enter positive | p118.29.c | 0 |
| | Common Stock | | | |
| 103 | Proprietary Capital | | p112.16.c | 1,792,446,240 |
| 104 | Less Preferred Stock | enter negative | (Line 113) | 0 |
| 105 | Less Account 216.1 | enter negative | p112.12.c | -1,805,609 |
| 106 | Common Stock | | (Sum Lines 103 to 105) | 1,790,640,631 |
| | Capitalization | | | |
| 107 | Long Term Debt | | p112.18.c through 21.c | 1,702,500,000 |
| 108 | Less Loss on Reacquired Debt | enter negative | p111.81.c | 0 |
| 109 | Plus Gain on Reacquired Debt | enter positive | p113.61.c | 0 |
| 112 | Total Long Term Debt | | (Sum Lines 107 to 111) | 1,702,500,000 |
| 113 | Preferred Stock | | p112.3.c | 0 |
| 114 | Common Stock | | (Line 106) | 1,790,640,631 |
| 115 | Total Capitalization | | (Sum Lines 112 to 114) | 3,493,140,631 |
| 116 | Debt % | Total Long Term Debt | (Line 112 / Line 115) | 48.7% |
| 117 | Preferred % | Preferred Stock | (Line 113 / Line 115) | 0.0% |
| 118 | Common % | Common Stock | (Line 114 / Line 115) | 51.3% |
| 119 | Debt Cost | Total Long Term Debt | (Line 101 / Line 112) | 0.0370 |
| 120 | Preferred Cost | Preferred Stock | (Line 102 / Line 113) | 0.0000 |
| 121 | Common Cost | (Note J) Common Stock | Fixed plus 100 Basis Pts | 0.1230 |
| 122 | Weighted Cost of Debt | Total Long Term Debt (WCLTD) | (Line 116 * Line 119) | 0.0180 |
| 123 | Weighted Cost of Preferred | Preferred Stock | (Line 117 * Line 120) | 0.0000 |
| 124 | Weighted Cost of Common | Common Stock | (Line 118 * Line 121) | 0.0631 |
| 125 | Total Return (R) | | (Sum Lines 122 to 124) | 0.0811 |
| 126 | Investment Return = Rate Base * Rate of Return | | (Line 59 * Line 125) | 3,961,473 |

Composite Income Taxes

| | | | |
|-----|---|---|------------------|
| | Income Tax Rates | | |
| 127 | FIT=Federal Income Tax Rate | | 21.00% |
| 128 | SIT=State Income Tax Rate or Composite | | 8.99% |
| 129 | p = percent of federal income tax deductible for state purposes | | 0.00% |
| 130 | T | $T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$ | 28.10% |
| 131 | T/ (1-T) | | 39.09% |
| | ITC Adjustment | | |
| 132 | Amortized Investment Tax Credit | enter negative | 0 |
| 133 | 1/(1-T) | | 139.09% |
| 134 | Net Plant Allocation Factor | | 23.9692% |
| 135 | ITC Adjustment Allocated to Transmission | (Note I) | 0 |
| 140 | Income Tax Component = | $CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =$ | 1,204,243 |
| 141 | Total Income Taxes | | 1,204,243 |

Cost Support

UGI Utilities, Inc.

Attachment 5 - Cost Support

Electric / Non-electric Cost Support

| PJM Formula Line #s, Descriptions, Notes, Form 1 Page #s and Instructions | | | | Form 1 or Company Records Amount | Electric Portion | Non-electric Portion | Details |
|---|---|------------------------|-------------|----------------------------------|------------------|---|---------|
| Plant Allocation Factors | | | | | | | |
| 2 | Total Wage Expense | p354.28.b | | 10,100,398 | | | |
| 3 | Administrative and General Wage Expense | p354.27.b | | 3,379,822 | | | |
| 10 | Accumulated Intangible Amortization | (Note A) | 0 | 0 | 0 | | |
| 11 | Accumulated Common Amortization - Electric | (Note A) p356 | 0 | 0 | 0 | | |
| | Accumulated General Depreciation - Electric | (Note A) p219.28.c | | 3,808,870 | | | |
| 12 | Accumulated Common Plant Depreciation - Electric | (Note A) p356 | 98,658,384 | 9,974,363 | 88,684,021 | | |
| Plant In Service | | | | | | | |
| 24 | Common Plant (Electric Only) | (Notes A & B) p356 | 281,624,749 | 28,458,212 | 253,166,537 | | |
| Accumulated Deferred Income Taxes | | | | | | | |
| 41 | Accumulated Investment Tax Credit Account No. 255 | (Notes A & I) p267.8.h | 1,359,197 | 0 | 1,359,197 | See Note I | |
| Prepayments | | | | | | | |
| 44 | Prepayments (Account 165) | (Note A) p111.57(c) | 14,012,215 | 1,454,759 | 12,557,456 | Analysis of Company Records | |
| Materials and Supplies | | | | | | | |
| 47 | Undistributed Stores Exp | (Note A) p227.16.c | 2,974,938 | 326,671 | 2,648,267 | Analysis of Company Records | |
| Allocated General & Common Expenses | | | | | | | |
| 65 | Plus Transmission Lease Payments | (Note A) p200.4.c | 2,760,493 | 0 | 2,760,493 | | |
| 67 | Common Plant O&M | (Note A) p356 | 0 | 0 | 0 | | |
| Depreciation Expense | | | | | | | |
| 85 | Depreciation | p336.7.b&c | 1,379,143 | 1,379,143 | 0 | Attachment 9 - Depreciation Rates | |
| 86 | General Depreciation | p336.10.b&c | 1,460,943 | 1,460,943 | 0 | Analysis of Company Records and Attachment 9 - Depreciation Rates | |
| 87 | Intangible Amortization | (Note A) p336.1.d&e | 0 | 0 | 0 | | |
| 91 | Common Depreciation - Electric Only | (Note A) p336.11.b | 2,159,117 | 2,159,117 | 0 | Attachment 9 - Depreciation Rates | |
| 92 | Common Amortization - Electric Only | (Note A) p336.11.d | 0 | 0 | 0 | | |

Transmission / Non-transmission Cost Support

| PJM Formula Line #s, Descriptions, Notes, Form 1 Page #s and Instructions | | | | Form 1 or Company Records Amount | Transmission Related | Non-transmission Related | Details |
|---|--|---------------|------------|----------------------------------|----------------------|---|---------|
| 15 | Transmission Gross Plant | p207.58.g | 73,072,375 | 67,661,874 | 5,410,501 | Direct assignment to Transmission based upon plant records. | |
| 28 | Plant Held for Future Use (Including Land) | (Note C) p214 | 0 | 0 | 0 | Specific identification based on plant records: The following plant investments are included: | |
| 30 | Transmission Accumulated Depreciation | p219.25.c | 21,897,544 | 21,897,544 | 0 | Direct assignment to Transmission based upon plant records. | |
| 50 | Materials and Supplies | p227.8.c | 33,155,626 | 854,695 | 32,300,931 | Direct assignment to Transmission based upon plant records. | |
| 83 | Transmission Depreciation Expense | p336.7.b&c | 1,379,143 | 1,379,143 | 0 | Direct assignment to Transmission based upon plant records. | |

Excluded Transmission O&M Expenses

| PJM Formula Line #s, Descriptions, Notes, Form 1 Page #s and Instructions | | | | Excluded TOM | Details |
|---|--|-----------------|-----------|--------------|--|
| | Acct 565 | p321.96.b | 5,117,689 | | |
| | Portions of Acct 561 | Company Records | 133,397 | | Acct 561 expenses not recovered in OA1 I : 561002 (Scheduling and Dispatch), 561005 (R I O Scheduling and Dispatch), 561007 (Market Expansion) and 561008 (NERC & RFC Reliability) |
| | Other Excluded Expenses | Company Records | 0 | | Description -- other expenses not recovered in OATT |
| 63 | Less Account 565 and other excluded expenses | Total | 5,251,086 | | |

Cost Support

CWIP & Expensed Lease Worksheet

| PJM Formula Line #s, Descriptions, Notes, Form 1 Page #s and Instructions | | | | Form 1 or Company Records Amount | CWIP In Form 1 Amount | Expensed Lease in Form 1 Amount | Details |
|---|---------------------------------------|---------------|--------------|----------------------------------|-----------------------|---------------------------------|-------------|
| Plant Allocation Factors | | | | | | | |
| 6 | Electric Plant In Service | (Note B) | p207.104.g | 313,718,946 | 0 | 0 | See Form 1 |
| 7 | Common Plant In Service - Electric | 0 | (Line 24) | 28,458,212 | 0 | 0 | See Line 7 |
| Plant In Service | | | | | | | |
| 19 | Transmission Plant In Service | (Note B) | p207.58.g | 73,072,375 | 0 | 0 | See Line 15 |
| 24 | Common Plant (Electric Only) | (Notes A & B) | Attachment 5 | 28,458,212 | 0 | 0 | See Line 24 |
| Accumulated Depreciation | | | | | | | |
| 30 | Transmission Accumulated Depreciation | (Note C) | Attachment 5 | 21,897,544 | 0 | 0 | See Form 1 |

EPRI Dues Cost Support

| PJM Formula Line #s, Descriptions, Notes, Form 1 Page #s and Instructions | | | | Form 1 or Company Records Amount | EPRI Dues | Details | |
|---|----------------|----------|--------------|----------------------------------|-----------|-----------------------------|--|
| Allocated General & Common Expenses | | | | | | | |
| 72 | Less EPRI Dues | (Note D) | Attachment 5 | 0 | 0 | UGI is not a member of EPRI | |

Regulatory Expense Related to Transmission Cost Support

| PJM Formula Line #s, Descriptions, Notes, Form 1 Page #s and Instructions | | | | Form 1 or Company Records Amount | Transmission Related | Non-transmission Related | Details |
|---|--|----------|------------|----------------------------------|----------------------|--------------------------|---------|
| Allocated General & Common Expenses | | | | | | | |
| 70 | Less Regulatory Commission Exp Account 928 | (Note E) | p323.189.b | 492,472 | | | |
| Directly Assigned A&G | | | | | | | |
| 76 | Regulatory Commission Exp Account 928 | (Note G) | | 0 | | | |

Safety Related Advertising Cost Support

| PJM Formula Line #s, Descriptions, Notes, Form 1 Page #s and Instructions | | | | Form 1 or Company Records Amount | Safety Related | Non-safety Related | Details |
|---|---------------------------------------|----------|------------|----------------------------------|----------------|--------------------|---------|
| Directly Assigned A&G | | | | | | | |
| 80 | General Advertising Exp Account 930.1 | (Note F) | p323.191.b | 98,183 | - | 98,183 | None |

MultiState Workpaper

| PJM Formula Line #s, Descriptions, Notes, Form 1 Page #s and Instructions | | | | State 1 | State 2 | State 3 | State 4 | State 5 | Details |
|---|--|----------|--------------|-----------------------|------------------------|------------------------|------------------------|------------------------|--|
| Income Tax Rates | | | | | | | | | |
| 128 | SIT=State Income Tax Rate or Composite | (Note I) | SIT for Year | Pennsylvania 8.99% | Enter State Enter % | Enter State Enter % | Enter State Enter % | Enter State Enter % | Enter Calculation Pennsylvania Only |

Education and Out Reach Cost Support

| PJM Formula Line #s, Descriptions, Notes, Form 1 Page #s and Instructions | | | | Form 1 or Company Records Amount | Education & Outreach | Other | Details |
|---|---------------------------------------|----------|------------|----------------------------------|----------------------|--------|---------|
| Directly Assigned A&G | | | | | | | |
| 77 | General Advertising Exp Account 930.1 | (Note K) | p323.191.b | 98,183 | 0 | 98,183 | None |

Cost Support

Excluded Plant Cost Support

| PJM Formula Line #s, Descriptions, Notes, Form 1 Page #s and Instructions | | | | Excluded Transmission Facilities | Description of the Facilities |
|--|----------------------------------|----------|--------------|----------------------------------|-------------------------------|
| Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities | | | | | |
| 148 | Excluded Transmission Facilities | (Note M) | Attachment 5 | 5,410,501 | |
| | | | | Enter \$ | None |
| <i>Add more lines if necessary</i> | | | | | |

Outstanding Network Credits Cost Support

| PJM Formula Line #s, Descriptions, Notes, Form 1 Page #s and Instructions | | | | Outstanding Network Credits | Description of the Credits |
|---|---|----------|----------|-----------------------------|------------------------------------|
| Network Credits | | | | | |
| 55 | Outstanding Network Credits | (Note N) | From PJM | 0 | General Description of the Credits |
| | | | | Enter \$ | None |
| 56 | Less Accumulated Depreciation Associated with Facilities with Outstanding Network Credit (Note N) | | From PJM | 0 | |
| <i>Add more lines if necessary</i> | | | | | |

Interest on Outstanding Network Credits Cost Support

| PJM Formula Line #s, Descriptions, Notes, Form 1 Page #s and Instructions | | | | Interest on Network Credits | Description of the Interest on the Credits |
|---|-----------------------------|----------|----------|-----------------------------|--|
| Revenue Credits & Interest on Network Credits | | | | | |
| 154 | Interest on Network Credits | (Note N) | PJM Data | 0 | General Description of the Credits |
| | | | | Enter \$ | None |
| <i>Add more lines if necessary</i> | | | | | |

PJM Load Cost Support

| PJM Formula Line #s, Descriptions, Notes, Form 1 Page #s and Instructions | | | | 1 CP Peak | Description & PJM Documentation |
|---|-----------|----------|-------|-----------|---|
| Network Zonal Service Rate | | | | | |
| 172 | 1 CP Peak | (Note L) | 6,593 | | PJM Interconnection Calculates the Rate |

Statements BG/BH (Present and Proposed Revenues)

| Customer | Billing | | | Current Revenues | Proposed Revenues | Change in Revenues |
|------------------------------------|--------------|--------------|---------------|------------------|-------------------|--------------------|
| | Determinants | Current Rate | Proposed Rate | | | |
| <i>Add more lines if necessary</i> | | | | | | |
| Total | | | | - | - | - |

UGI Utilities, Inc.

Attachment 6 - Estimate and Reconciliation Worksheet

| Step | Month | Year | Action |
|------|-------|------|--------|
|------|-------|------|--------|

Exec Summary

| | | | |
|----|-------|--------|--|
| 1 | April | Year 2 | TO populates the formula with Year 1 data from Form 1 for Year 1 (e.g. 2005 data) (no Cap Adds) |
| 2 | April | Year 2 | TO estimates all transmission Cap Adds for Year 2 weighted based on Months expected to be in service in Year 2 (e.g. 2006) |
| 3 | April | Year 2 | TO adds weighted Cap Adds to plant in service in Formula |
| 4 | May | Year 2 | Post results of Step 3 on PJM web site |
| 5 | June | Year 2 | Results of Step 3 go into effect for the Rate Year 1 (e.g. June 1, 2005 - May 31, 2006) |
| 6 | April | Year 3 | TO populates the formula with Year 2 data from FERC Form 1 for Year 2 (e.g., 2006) |
| 7 | April | Year 3 | TO estimates Cap Adds during Year 3 weighted based on Months expected to be in service in Year 3 (e.g., 2007) |
| 8 | April | Year 3 | Reconciliation - TO calculates Reconciliation by removing from Year 2 data - the total Cap Adds placed in service in Year 2 and adding weighted average in Year 2 actual Cap Adds in Reconciliation (adjusted to include any Reconciliation amount from prior year) |
| 9 | April | Year 3 | Reconciliation - TO adds the difference between the Reconciliation in Step 8 and the forecast in Line 5 with interest to the result of Step 7 (this difference is also added to Step 8 in the subsequent year) |
| 10 | May | Year 3 | Post results of Step 9 on PJM web site |
| 11 | June | Year 3 | Results of Step 9 go into effect for the Rate Year 2 (e.g., June 1, 2007 - May 31, 2008) |

Detailed Example

| | | | | |
|---|-------|--------|--|--|
| 1 | April | Year 2 | TO populates the formula with Year 1 data from Form 1 for Year 1 (e.g. 2005 data) (no Cap Adds) \$ 4,112,346 Rev Req based on Year 1 data | Must run Appendix A to get this number (without any Cap Adds in line 21 of Appendix A) |
|---|-------|--------|--|--|

| 2 | April | Year 2 | TO estimates all transmission Cap Adds for Year 2 weighted based on Months expected to be in service in Year 2 (e.g. 2006) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|----------------------|-----------|---|----------|----------------------|-----------|--------|----------|-----|---|------|---|---|-----|---|------|---|---|-----|---|-----|---|---|-----|---|-----|---|---|-----|---|-----|---|---|-----|---|-----|---|---|-----|---|-----|---|---|-----|---|-----|---|---|-----|---|-----|---|---|-----|---|-----|---|---|-----|---|-----|---|---|-----|---|-----|---|---|-------|---|---|---|---|
| | | | <table border="1"> <thead> <tr> <th></th> <th>Est. In Service Date</th> <th>Weighting</th> <th>Amount</th> <th>One 12th</th> </tr> </thead> <tbody> <tr><td>Jan</td><td>-</td><td>11.5</td><td>-</td><td>-</td></tr> <tr><td>Feb</td><td>-</td><td>10.5</td><td>-</td><td>-</td></tr> <tr><td>Mar</td><td>-</td><td>9.5</td><td>-</td><td>-</td></tr> <tr><td>Apr</td><td>-</td><td>8.5</td><td>-</td><td>-</td></tr> <tr><td>May</td><td>-</td><td>7.5</td><td>-</td><td>-</td></tr> <tr><td>Jun</td><td>-</td><td>6.5</td><td>-</td><td>-</td></tr> <tr><td>Jul</td><td>-</td><td>5.5</td><td>-</td><td>-</td></tr> <tr><td>Aug</td><td>-</td><td>4.5</td><td>-</td><td>-</td></tr> <tr><td>Sep</td><td>-</td><td>3.5</td><td>-</td><td>-</td></tr> <tr><td>Oct</td><td>-</td><td>2.5</td><td>-</td><td>-</td></tr> <tr><td>Nov</td><td>-</td><td>1.5</td><td>-</td><td>-</td></tr> <tr><td>Dec</td><td>-</td><td>0.5</td><td>-</td><td>-</td></tr> <tr><td>Total</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> | | Est. In Service Date | Weighting | Amount | One 12th | Jan | - | 11.5 | - | - | Feb | - | 10.5 | - | - | Mar | - | 9.5 | - | - | Apr | - | 8.5 | - | - | May | - | 7.5 | - | - | Jun | - | 6.5 | - | - | Jul | - | 5.5 | - | - | Aug | - | 4.5 | - | - | Sep | - | 3.5 | - | - | Oct | - | 2.5 | - | - | Nov | - | 1.5 | - | - | Dec | - | 0.5 | - | - | Total | - | - | - | - |
| | Est. In Service Date | Weighting | Amount | One 12th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jan | - | 11.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb | - | 10.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | - | 9.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | - | 8.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May | - | 7.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jun | - | 6.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jul | - | 5.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aug | - | 4.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sep | - | 3.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oct | - | 2.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nov | - | 1.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dec | - | 0.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | New Transmission Plant Additions for Year 2 (weighted by months in service) | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---|-------|--------|---|
| 3 | April | Year 2 | TO adds weighted Cap Adds to plant in service in Formula \$ - Input to Formula Line 21 |
|---|-------|--------|---|

| | | | | |
|---|-----|--------|--|--|
| 4 | May | Year 2 | Post results of Step 3 on PJM web site \$ - | Must run Appendix A to get this number (with prospective weighted cap adds in line 21) |
|---|-----|--------|--|--|

| | | | |
|---|------|--------|---|
| 5 | June | Year 2 | Results of Step 3 go into effect for the Rate Year 1 (e.g. June 1, 2005 - May 31, 2006) \$ - |
|---|------|--------|---|

| | | | | |
|---|-------|--------|---|--|
| 6 | April | Year 3 | TO populates the formula with Year 2 data from FERC Form 1 for Year 2 (e.g., 2006) \$ - Rev Req based on Prior Year data | Must run Appendix A to get this number (without any Cap Adds in line 21 of Appendix A) |
|---|-------|--------|---|--|

| 7 | April | Year 3 | TO estimates Cap Adds during Year 3 weighted based on Months expected to be in service in Year 3 (e.g., 2007) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|----------------------|-----------|--|----------------------------------|----------------------|-----------|--------|----------|-----|---|------|---|---|-----|--------|------|---------|--------|-----|---|-----|---|---|-----|---|-----|---|---|-----|---|-----|---|---|-----|--------|-----|---------|--------|-----|---------|-----|---------|--------|-----|---|-----|---|---|-----|---------|-----|-----------|---------|-----|---|-----|---|---|-----|---|-----|---|---|-----|---|-----|---|---|-------|---------|---|-----------|---------|
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| | Est. In Service Date | Weighting | Amount | One 12th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jan | - | 11.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb | 51,981 | 10.5 | 545,805 | 45,484 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | - | 9.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | - | 8.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May | - | 7.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jun | 75,885 | 6.5 | 493,253 | 41,104 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jul | 149,961 | 5.5 | 824,784 | 68,732 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aug | - | 4.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sep | 442,627 | 3.5 | 1,549,193 | 129,099 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oct | - | 2.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nov | - | 1.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dec | - | 0.5 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 720,454 | - | 3,413,036 | 284,420 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | New Transmission Plant Additions for Year 3 (weighted by months in service) | 284,420 Input to Formula Line 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

- 8 April Year 3 Reconciliation - TO calculates Reconciliation by removing from Year 2 data - the total estimated Cap Adds placed in service in Year 2 and adding weighted average in Year 2 actual Cap Adds in Reconciliation
(adjusted to include any Reconciliation amount from prior year)

Remove all Cap Adds placed in service in Year 2 **<Actuals for Year 2023**
For Reconciliation only - remove actual New Transmission Plant Additions for Year 2 2,155,516 Input to Formula Line 20

Add weighted Cap Adds actually placed in service in Year 2

| | Actual In Service Date | Weighting | Amount | One 12th |
|--------------|------------------------|-----------|-------------------|------------------|
| Jan | - | 11.5 | - | - |
| Feb | 493,823 | 10.5 | 5,185,142 | 432,095 |
| Mar | - | 9.5 | - | - |
| Apr | 331,964 | 8.5 | 2,821,694 | 235,141 |
| May | 508,002 | 7.5 | 3,810,018 | 317,502 |
| Jun | - | 6.5 | - | - |
| Jul | 38,633 | 5.5 | 212,484 | 17,707 |
| Aug | 601,351 | 4.5 | 2,706,080 | 225,507 |
| Sep | 181,742 | 3.5 | 636,097 | 53,008 |
| Oct | - | 2.5 | - | - |
| Nov | - | 1.5 | - | - |
| Dec | - | 0.5 | - | - |
| Total | 2,155,516 | | 15,371,517 | 1,280,960 |

New Transmission Plant Additions for Year 2 (weighted by months in service) 1,280,960 Input to Formula Line 21

9,604,241 Result of Formula for Reconciliation **Must run Appendix A with cap adds in line 21 and line 20**

- 9 April Year 4 Reconciliation -- TO adds the difference between the Reconciliation in Step 8 and the forecast in Line 5 with interest to the result of Step 7 (this difference is also added to Step 8 in the subsequent year)

The Reconciliation in Step 8 9,604,241 - The forecast in Prior Year **10,231,037** = (626,797)

Interest on Amount of Refunds or Surcharges

| Interest 35.19a for March Current Yr | | 0.7200% <March 2024 | | Surcharge (Refund) | |
|--------------------------------------|--------|---------------------|---|--------------------|------------------|
| Month | Yr | 1/12 of Step 9 | Interest Rate for March of Current Year | Months | Interest Owed |
| Jun | Year 1 | (52,233) | 0.7200% | 11.5 | (4,325) (56,558) |
| Jul | Year 1 | (52,233) | 0.7200% | 10.5 | (3,949) (56,182) |
| Aug | Year 1 | (52,233) | 0.7200% | 9.5 | (3,573) (55,806) |
| Sep | Year 1 | (52,233) | 0.7200% | 8.5 | (3,197) (55,430) |
| Oct | Year 1 | (52,233) | 0.7200% | 7.5 | (2,821) (55,054) |
| Nov | Year 1 | (52,233) | 0.7200% | 6.5 | (2,445) (54,678) |
| Dec | Year 1 | (52,233) | 0.7200% | 5.5 | (2,068) (54,301) |
| Jan | Year 2 | (52,233) | 0.7200% | 4.5 | (1,692) (53,925) |
| Feb | Year 2 | (52,233) | 0.7200% | 3.5 | (1,316) (53,549) |
| Mar | Year 2 | (52,233) | 0.7200% | 2.5 | (940) (53,173) |
| Apr | Year 2 | (52,233) | 0.7200% | 1.5 | (564) (52,797) |
| May | Year 2 | (52,233) | 0.7200% | 0.5 | (188) (52,421) |
| Total | | (626,797) | | | (653,874) |

| | | Balance | Interest | Amortization over Rate Year | Balance |
|----------------------------|--------|-----------|----------|-----------------------------|-----------|
| Jun | Year 2 | (653,874) | 0.7200% | (57,073) | (601,509) |
| Jul | Year 2 | (601,509) | 0.7200% | (57,073) | (548,767) |
| Aug | Year 2 | (548,767) | 0.7200% | (57,073) | (495,645) |
| Sep | Year 2 | (495,645) | 0.7200% | (57,073) | (442,140) |
| Oct | Year 2 | (442,140) | 0.7200% | (57,073) | (388,250) |
| Nov | Year 2 | (388,250) | 0.7200% | (57,073) | (333,973) |
| Dec | Year 2 | (333,973) | 0.7200% | (57,073) | (279,304) |
| Jan | Year 3 | (279,304) | 0.7200% | (57,073) | (224,242) |
| Feb | Year 3 | (224,242) | 0.7200% | (57,073) | (168,783) |
| Mar | Year 3 | (168,783) | 0.7200% | (57,073) | (112,925) |
| Apr | Year 3 | (112,925) | 0.7200% | (57,073) | (56,665) |
| May | Year 3 | (56,665) | 0.7200% | (57,073) | - |
| Total with interest | | | | (684,878) | |

The difference between the Reconciliation in Step 8 and the forecast in Prior Year with interest (684,878)
Rev Req based on Year 3 data with estimated Cap Adds for Year 4 \$ 9,697,587
Revenue Requirement for Year 3 9,012,709

- 10 May Year 4 Post results of Step 9 on PJM web site
\$ 9,012,709 Post results of Step 3 on PJM web site

- 11 June Year 4 Results of Step 9 go into effect for the Rate Year 2 (e.g., June 1, 2017 - May 31, 2018)
\$ 9,012,709

UGI Utilities, Inc.

Attachment 7 - Transmission Enhancement Charge Worksheet

Fixed Charge Rate (FCR) if not a CIAC

| Formula Line | | | |
|--------------|-----|---|----------|
| A | 162 | Net Plant Carrying Charge without Depreciation | 17.9331% |
| B | 169 | Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation | 18.9355% |
| C | | Line B less Line A | 1.0024% |

FCR if a CIAC

| | | | |
|---|-----|--|---------|
| D | 163 | Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes | 8.8412% |
|---|-----|--|---------|

The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years

| Details | | Project A | | | | Project B | | | | | | |
|---|--|-------------|---|--------|---------|-----------|--------------|--------|---------|-------|-------------------|----------------|
| Schedule 12 | (Yes or No) | | | | | | | | | | | |
| Life | | | | | | | | | | | | |
| CIAC | (Yes or No) | | | | | | | | | | | |
| Increased ROE (Basis Points) | | | | | | | | | | | | |
| FCR @ 11.3 ROE | | 0.179331126 | | | | | | | | | | |
| | (FCR @ 11.3 ROE + FCR @ 11.3 ROE x Increased ROE/100 bp) | 0.179331126 | | | | | | | | | | |
| FCR for This Project Investment | | | may be weighted average of small projects | | | | | | | | | |
| Annual Depreciation Exp In Service Month (1-12) | | | | | | | | | | | | |
| | Invest Yr | Beginning | Depreciation | Ending | Revenue | Beginning | Depreciation | Ending | Revenue | Total | Incentive Charged | Revenue Credit |
| FCR @ 11.3 ROE | 2006 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2006 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2007 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2007 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2008 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2008 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2009 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2009 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2010 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2010 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2011 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2011 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2012 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2012 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2013 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2013 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2014 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2014 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2015 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2015 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2016 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2016 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2017 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2017 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2018 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2018 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2019 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2019 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2020 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2020 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2021 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2021 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2022 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2022 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2023 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2023 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2024 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2024 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| FCR @ 11.3 ROE | 2025 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| W Increased ROE | 2025 | - | - | - | - | - | - | - | - | \$ - | \$ - | \$ - |
| | | | | | | | | | | \$ - | \$ - | \$ - |
| | | | | | | | | | | \$ - | \$ - | \$ - |

UGI Utilities, Inc.

Attachment 8 - Company Exhibit - Securitization Workpaper

Line #

| | | | |
|------------|--|--|----------|
| | Long Term Interest | | |
| 100 | Less LTD Interest on Securitization Bonds | | 0 |

| | | | |
|------------|---|--|----------|
| | Capitalization | | |
| 111 | Less LTD on Securitization Bonds | | 0 |

Calculation of the above Securitization Adjustments



UGI Utilities, Inc.

Attachment 9 - Depreciation Rates

| (A) Number | (B) Plant Type | (C) Estimated Life | (D) Mortality Curve | (E) Remaining Life | (F) Applied Depreciation Rate | (G) Gross Depreciable Plant | (H) Accumulated Depreciation | (I) Depreciable Balance | (J) Depreciation Expense |
|-------------------------------|---|--------------------------|---------------------------|--------------------------|-------------------------------------|-----------------------------------|------------------------------------|-------------------------------|--------------------------------|
| TRANSMISSION PLANT | | | | | | | | | |
| 352 | STRUCTURES AND IMPROVEMENTS | 55 | R3 | 45.2 years | 1.91 | 5,508 | (590) | 4,918 | (105,203) |
| 353 | STATION EQUIPMENT | 60 | R3 | 40.5 years | 1.62 | 29,690 | (10,777) | 18,913 | (480,978) |
| 353.2 | STATION EQUIPMENT - SCADA | 18 | S3 | 10.8 years | 3.65 | 3,224 | (2,014) | 1,210 | (117,676) |
| 354 | TOWERS AND FIXTURES | 70 | R4 | 43.9 years | 1.02 | 4,126 | (2,391) | 1,735 | (42,085) |
| 354.7 | REG AFUDC | 40 | SQ | 38.5 years | 2.26 | (172) | 26 | (146) | 3,887 |
| 355 | POLES AND FIXTURES | 55 | R2 | 35.5 years | 2.34 | 16,360 | (2,329) | 14,031 | (382,824) |
| 356 | OVERHEAD CONDUCTORS AND DEVICES | 57 | R1.5 | 34.3 years | 2.02 | 11,150 | (3,715) | 7,435 | (225,230) |
| 357 | UNDERGROUND CONDUIT | 55 | L3 | 15.9 years | 0.67 | 2 | (2) | - | (0,013) |
| 358 | UNDERGROUND CONDUCTORS AND DEVICES | 45 | R4 | 0 years | 2.44 | 12 | (35) | (23) | (0,293) |
| 359.1 | ROADS AND TRAILS | 40 | R4 | 33.1 years | 2.80 | 1,026 | (72) | 954 | (28,728) |
| ELECTRIC GENERAL PLANT | | | | | | | | | |
| 390.1 | STRUCTURES AND IMPROVEMENTS | 100 | L0 | 13.2 years | 3.48 | 6,354 | (1,465) | 4,889 | (221) |
| 391 | OFFICE FURNITURE AND EQUIPMENT - FURNITURE | 20 | SQ | 10.6 years | 10.89 | 73 | (24) | 49 | (8) |
| 391.1 | OFFICE FURNITURE AND EQUIPMENT - EQUIPMENT | 5 | SQ | 1.5 years | 28.01 | 620 | (302) | 318 | (174) |
| 391.92 | OFFICE FURNITURE AND EQUIPMENT - OUTAGE MANAGEMENT SOFTWARE | 15 | SQ | 4.5 years | 6.60 | 3,422 | (355) | 3,067 | (226) |
| 393 | STORES EQUIPMENT | 10 | SQ | 6 years | 11.77 | 3 | (5) | (2) | (0) |
| 394 | TOOLS, SHOP AND GARAGE EQUIPMENT | 20 | SQ | 11.5 years | 5.26 | 1,834 | (619) | 1,215 | (96) |
| 395 | LABORATORY EQUIPMENT | 10 | SQ | 5 years | 15.93 | 67 | (67) | - | (11) |
| 397 | COMMUNICATION EQUIPMENT | 10 | SQ | 3.5 years | 15.00 | 880 | (216) | 664 | (132) |
| 398 | MISCELLANEOUS EQUIPMENT | 10 | SQ | 6.5 years | 10.24 | 445 | (104) | 341 | (46) |
| 392.1 | TRANSPORTATION EQUIPMENT - AUTOMOBILES | 7 | L3 | 4.3 years | 17.01 | 302 | (186) | 116 | (51) |
| 392.2 | TRANSPORTATION EQUIPMENT - LIGHT TRUCKS | 11 | L3 | 8 years | 9.74 | 1,435 | (315) | 1,120 | (140) |
| 392.4 | TRANSPORTATION EQUIPMENT - HEAVY TRUCKS | 14 | S3 | 11.5 years | 7.53 | 866 | (110) | 756 | (65) |
| 396 | POWER OPERATED EQUIPMENT | 20 | S0 | 12.2 years | 8.39 | 177 | (25) | 152 | (15) |
| COMMON PLANT | | | | | | | | | |
| 390.1 | STRUCTURES AND IMPROVEMENTS | 70 | R1 | 31.3 years | 3.01 | 4,925 | (453) | 4,471 | (148) |
| 391 | OFFICE FURNITURE AND EQUIPMENT - FURNITURE | 20 | SQ | 15 years | 5.35 | 444 | (98) | 346 | (24) |
| 391.1 | OFFICE FURNITURE AND EQUIPMENT - EQUIPMENT | 5 | SQ | 2.4 years | 25.67 | 137 | (38) | 98 | (35) |
| 392.1 | TRANSPORTATION EQUIPMENT - CARS | 7 | L2.5 | 0 years | - | - | - | - | - |
| 398 | MISCELLANEOUS EQUIPMENT | 10 | SQ | 0 years | 11.48 | - | - | - | - |
| 391 | OFFICE FURNITURE AND EQUIPMENT - FURNITURE | 20 | SQ | 1.3 years | 5.41 | - | - | - | - |
| 391.1 | OFFICE FURNITURE AND EQUIPMENT - EQUIPMENT | 5 | SQ | 1.7 years | 21.14 | 1,638 | (1,103) | 535 | (346) |
| 391.2 | OFFICE FURNITURE AND EQUIPMENT - SOFTWARE | | | | | | | | |
| | SUCCESS FACTORS | 2 | SQ | 2 years | 25.93 | 283 | (100) | 183 | (74) |
| | UNITE ERP | 12 | SQ | 12 years | 7.09 | 1,081 | (381) | 700 | (77) |
| | TOTAL OFFICE FURNITURE AND EQUIPMENT - SOFTWARE | | | | | | | | - |
| 391.3 | OFFICE FURNITURE AND EQUIPMENT - SYSTEM DEV. COSTS - 10 YEARS | 10 | SQ | 7.2 years | 9.54 | 5,749 | (2,715) | 3,034 | (548) |
| 391.4 | OFFICE FURNITURE & EQUIPMENT - SYSTEM DEV. COSTS - 15 YEARS | 15 | SQ | 10.1 years | 6.72 | 13,499 | (5,085) | 8,414 | (907) |

Notes:

- 1) Columns (A), (B), (C), and (D) are fixed and cannot be changed absent Commission approval or acceptance.
- 2) Column (E) is the average remaining life of the assets in the account based on their vintage.
- 3) The mortality curve listed for account 390.1 is a truncated / interim survivor curve.
- 4) Column (F) is the depreciation rate from the Mortality Curve specified based on data in Columns (C) and (D).
- 5) Columns (G) and (H) are the depreciable gross plant investment and accumulated depreciation in the account or subaccount.
- 6) Column (I) is the depreciable balance (future accruals) in the account or subaccount.
- 7) Column (J) is column (F) multiplied by column (G) for those accounts that have an identified Mortality Curve.
- 8) At least every 5 years, UGI Electric will file with the Commission a depreciation study supporting its existing Estimated Life and Mortality Curve for each account or subaccount.
- 9) For those General Plant accounts that do not have Mortality Curves as indicated by "SQ" in Column (D), the calculation of Depreciation Expense is by the Gross Plant Method (i.e., Column (F) multiplied by Column (G)).