

**ATTACHMENT H-8C**

**UGI Utilities, Inc.**

**Formula Rate -- Appendix A**

Notes

FERC Form 1 Page #

or Instruction

CY2022

**Allocators**

<b>Wages &amp; Salary Allocation Factor</b>			
1	Transmission Wages Expense	p354.21.b	979,780
2	Total Wages Expense	Attachment 5	7,712,989
3	Less A&G Wages Expense	Attachment 5	3,139,134
4	Total	(Line 2 - 3)	4,573,855
5	<b>Wages &amp; Salary Allocator</b>	(Line 1 / 4)	<b>21.4213%</b>
<b>Plant Allocation Factors</b>			
6	Electric Plant in Service	(Note B) p207.104.g	293,187,553
7	Common Plant In Service - Electric	(Line 24)	27,949,921
8	Total Plant In Service	(Sum Lines 6 & 7)	321,137,474
9	Accumulated Depreciation (Total Electric Plant)	p219.19.c	92,943,905
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	9,689,731
13	Total Accumulated Depreciation	(Sum Lines 9 to 12)	102,633,636
14	Net Plant	(Line 8 - Line 13)	218,503,838
15	Transmission Gross Plant	(Line 29 - Line 28)	82,541,175
16	<b>Gross Plant Allocator</b>	(Line 15 / Line 8)	<b>25.7028%</b>
17	Transmission Net Plant	(Line 39 - Line 28)	58,909,112
18	<b>Net Plant Allocator</b>	(Line 17 / Line 14)	<b>26.9602%</b>

**Plant Calculations**

<b>Plant In Service</b>			
19	Transmission Plant In Service	(Note B) p207.58.g	72,248,325
20	For Reconciliation only - remove New Transmission Plant Additions for Current Calendar Year	For Reconciliation Only Attachment 6	0
21	New Transmission Plant Additions for Current Calendar Year (weighted by months in service)	Attachment 6	1,019,506
22	<b>Total Transmission Plant In Service</b>	(Line 19 - Line 20 + Line 21)	<b>73,267,831</b>
23	General & Intangible	p205.5.g & p207.99.g	15,340,336
24	Common Plant (Electric Only)	(Notes A & B) Attachment 5	27,949,921
25	Total General & Common	(Line 23 + Line 24)	43,290,257
26	Wage & Salary Allocation Factor	(Line 5)	21.42132%
27	<b>General &amp; Common Plant Allocated to Transmission</b>	(Line 25 * Line 26)	<b>9,273,343</b>
28	Plant Held for Future Use (Including Land)	(Note C) Attachment 5	0
29	<b>TOTAL Plant In Service</b>	(Line 22 + Line 27 + Line 28)	<b>82,541,175</b>
<b>Accumulated Depreciation</b>			
30	Transmission Accumulated Depreciation	(Note C) Attachment 5	20,807,819
31	Accumulated General Depreciation	Attachment 5	3,494,537
32	Accumulated Intangible Amortization	(Line 10)	0
33	Accumulated Common Amortization - Electric	(Line 11)	0
34	Common Plant Accumulated Depreciation (Electric Only)	(Line 12)	9,689,731
35	Total Accumulated Depreciation	(Sum Lines 31 to 34)	13,184,268
36	Wage & Salary Allocation Factor	(Line 5)	21.42132%
37	<b>General &amp; Common Allocated to Transmission</b>	(Line 35 * Line 36)	<b>2,824,244</b>
38	<b>TOTAL Accumulated Depreciation</b>	(Line 30 + Line 37)	<b>23,632,063</b>
39	<b>TOTAL Net Property, Plant &amp; Equipment</b>	(Line 29 - Line 38)	<b>58,909,112</b>

**Adjustment To Rate Base**

<b>Accumulated Deferred Income Taxes</b>				
40	ADIT net of FASB 106 and 109	(Note Q)	Attachment 1	-10,012,259
41	Accumulated Investment Tax Credit Account No. 255	(Notes A & I)	Attachment 5	0
42	Net Plant Allocation Factor		(Line 18)	26.9602%
43	<b>Accumulated Deferred Income Taxes Allocated To Transmission</b>		(Line 41 * Line 42) + Line 40	<b>-10,012,259</b>
<b>Prepayments</b>				
44	Prepayments (Account 165)	(Note A)	Attachment 5	1,327,448
45	Net Plant Allocation Factor		(Line 18)	26.9602%
46	<b>Total Prepayments Allocated to Transmission</b>		(Line 44 * Line 45)	<b>357,883</b>
<b>Materials and Supplies</b>				
47	Undistributed Stores Exp	(Note A)	Attachment 5	8,543
48	Wage & Salary Allocation Factor		(Line 5)	21.4213%
49	Total Transmission Allocated		(Line 47 * Line 48)	1,830
50	Transmission Materials & Supplies		Attachment 5	619,391
51	<b>Total Materials &amp; Supplies Allocated to Transmission</b>		(Line 49 + Line 50)	<b>621,221</b>
<b>Cash Working Capital</b>				
52	Operation & Maintenance Expense		(Line 84)	4,164,430
53	1/8th Rule		x 1/8	12.5%
54	<b>Total Cash Working Capital Allocated to Transmission</b>		(Line 52 * Line 53)	<b>520,554</b>
<b>Network Credits</b>				
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	<b>TOTAL Adjustment to Rate Base</b>		(Lines 43 + 46 + 51 + 54 - 57)	<b>-8,512,602</b>
59	<b>Rate Base</b>		(Line 39 + Line 58)	<b>50,396,510</b>

**O&M**

<b>Transmission O&amp;M</b>				
60	Transmission O&M		p321.112.b	7,236,540
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	5,005,874
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	<b>Transmission O&amp;M</b>		(Lines 60 - 61 + 62 - 63 + 64 + 65)	<b>2,230,666</b>
<b>Allocated General &amp; Common Expenses</b>				
67	Common Plant O&M	(Note A)	Attachment 5	0
68	Total A&G		p323.197.b	9,366,310
69	Less Property Insurance Account 924		p323.185b	25,348
70	Less Regulatory Commission Exp Account 928	(Note E)	Attachment 5	270,945
71	Less General Advertising Exp Account 930.1		Attachment 5	74,633
72	Less EPRI Dues	(Note D)	Attachment 5	0
73	<b>General &amp; Common Expenses</b>		(Lines 67 + 68 - Sum (69 to 72))	<b>8,995,384</b>
74	Wage & Salary Allocation Factor		(Line 5)	21.4213%
75	<b>General &amp; Common Expenses Allocated to Transmission</b>		(Line 73 * Line 74)	<b>1,926,930</b>
<b>Directly Assigned A&amp;G</b>				
76	Regulatory Commission Exp Account 928	(Note G)	Attachment 5	0
77	General Advertising Exp Account 930.1	(Note K)	Attachment 5	0
78	<b>Subtotal - Transmission Related</b>		(Line 76 + Line 77)	<b>0</b>
79	Property Insurance Account 924		(Line 69)	25,348
80	General Advertising Exp Account 930.1	(Note F)	Attachment 5	0
81	Total		(Line 79 + Line 80)	25,348
82	Net Plant Allocation Factor		(Line 18)	26.9602%
83	<b>A&amp;G Directly Assigned to Transmission</b>		(Line 81 * Line 82)	<b>6,834</b>
84	<b>Total Transmission O&amp;M</b>		(Lines 66 + 75 + 78 + 83)	<b>4,164,430</b>

**Depreciation & Amortization Expense**

Depreciation Expense				
85	Transmission Depreciation Expense		Attachment 5	1,374,201
86	General Depreciation		Attachment 5	1,005,320
87	Intangible Amortization	(Note A)	Attachment 5	0
88	Total		(Line 86 + Line 87)	1,005,320
89	Wage & Salary Allocation Factor		(Line 5)	21.4213%
90	<b>General Depreciation Allocated to Transmission</b>		(Line 88 * Line 89)	<b>215,353</b>
91	Common Depreciation - Electric Only	(Note A)	Attachment 5	2,024,698
92	Common Amortization - Electric Only	(Note A)	Attachment 5	0
93	Total		(Line 91 + Line 92)	2,024,698
94	Wage & Salary Allocation Factor		(Line 5)	21.4213%
95	<b>Common Depreciation - Electric Only Allocated to Transmission</b>		(Line 93 * Line 94)	<b>433,717</b>
96	<b>Total Transmission Depreciation &amp; Amortization</b>		<b>(Line 85 + Line 90 + Line 95)</b>	<b>2,023,271</b>

**Taxes Other than Income**

97	Taxes Other than Income		Attachment 2	247,689
98	<b>Total Taxes Other than Income</b>		<b>(Line 97)</b>	<b>247,689</b>

**Return / Capitalization Calculations**

Long Term Interest				
99	Long Term Interest		p117.62.c through 67.c	58,572,973
100	Less LTD Interest on Securitization Bonds	(Note P)	Attachment 8	0
101	<b>Long Term Interest</b>		(Line 99 - Line 100)	<b>58,572,973</b>
102	<b>Preferred Dividends</b>	enter positive	p118.29.c	<b>0</b>
Common Stock				
103	Proprietary Capital		p112.16.c	1,711,910,090
104	Less Preferred Stock	enter negative	(Line 113)	0
105	Less Account 216.1	enter negative	p112.12.c	-1,759,765
106	<b>Common Stock</b>		(Sum Lines 103 to 105)	<b>1,710,150,325</b>
Capitalization				
107	Long Term Debt		p112.18.c through 21.c	1,458,750,000
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	<b>Total Long Term Debt</b>		(Sum Lines 107 to 111)	<b>1,458,750,000</b>
113	Preferred Stock		p112.3.c	0
114	<b>Common Stock</b>		(Line 106)	<b>1,710,150,325</b>
115	<b>Total Capitalization</b>		(Sum Lines 112 to 114)	<b>3,168,900,325</b>
116	Debt %	Total Long Term Debt	(Line 112 / Line 115)	46.0%
117	Preferred %	Preferred Stock	(Line 113 / Line 115)	0.0%
118	Common %	Common Stock	(Line 114 / Line 115)	54.0%
119	Debt Cost	Total Long Term Debt	(Line 101 / Line 112)	0.0402
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)	0.0185
123	Weighted Cost of Preferred	Preferred Stock	(Line 117 * Line 120)	0.0000
124	Weighted Cost of Common	Common Stock	(Line 118 * Line 121)	0.0610
125	<b>Total Return ( R )</b>		(Sum Lines 122 to 124)	<b>0.0795</b>
126	<b>Investment Return = Rate Base * Rate of Return</b>		<b>(Line 59 * Line 125)</b>	<b>4,004,811</b>

### 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	9.99%
129	p	(percent of federal income tax deductible for state purposes)	0.00%
130	T	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\}$	28.89%
131	T/ (1-T)		40.63%
ITC Adjustment			
132	Amortized Investment Tax Credit	(Note I) enter negative	0
133	1/(1-T)	p266.6.f 1 / (1-T)	140.63%
134	Net Plant Allocation Factor	(Line 18)	26.9602%
135	<b>ITC Adjustment Allocated to Transmission</b>	(Line 132 * Line 133 * Line 134)	0
136	<b>Income Tax Component =</b>	$CIT=(T/1-T) * Investment\ Return * (1-(WCLTD/R)) =$ [Line 131 * 126 * (1-(122 / 125))]	1,248,722
Amortization of EDFIT			
137	<b>Amortization Expense/(Benefit)</b>	(Note Q) Attachment 1A, Column F, "EDIT Amortization (Benefit)/Expense, Line 34, Col. D	-198,950
138		1-(Line 122 / Line 125)	76.74%
139		Amortization * (1-(WCLTD/R)) = (Line 137 * Line 138)	-152,675
140	<b>Total Income Taxes</b>	<b>= Line 135 + Line 136 + Line 139</b>	<b>1,096,047</b>

### REVENUE REQUIREMENT

Summary			
141	Net Property, Plant & Equipment	(Line 39)	58,909,112
142	Adjustment to Rate Base	(Line 58)	-8,512,602
143	<b>Rate Base</b>	(Line 59)	<b>50,396,510</b>
144	O&M	(Line 84)	4,164,430
145	Depreciation & Amortization	(Line 96)	2,023,271
146	Taxes Other than Income	(Line 98)	247,689
147	Investment Return	(Line 126)	4,004,811
148	Income Taxes	(Line 140)	1,096,047
<b>149</b>	<b>Gross Revenue Requirement</b>	<b>(Sum Lines 144 to 148)</b>	<b>11,536,248</b>
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities			
150	Transmission Plant In Service	(Line 19)	72,248,325
151	Excluded Transmission Facilities	(Note M) Attachment 5	7,360,898
152	Included Transmission Facilities	(Line 150 - Line 151)	64,887,427
153	Inclusion Ratio	(Line 152 / Line 150)	89.81%
154	Gross Revenue Requirement	(Line 149)	11,536,248
155	<b>Adjusted Gross Revenue Requirement</b>	(Line 153 x Line 154)	<b>10,360,897</b>
Revenue Credits & Interest on Network Credits			
156	<b>Revenue Credits</b>	Attachment 3	129,860
157	<b>Interest on Network Credits</b>	(Note N) PJM Data	0
<b>158</b>	<b>Net Revenue Requirement</b>	<b>(Line 155 - Line 156 + Line 157)</b>	<b>10,231,037</b>
Net Plant Carrying Charge without ROE Increment			
159	Gross Revenue Requirement	(Line 149)	11,536,248
160	Net Transmission Plant	(Line 19 - Line 30)	51,440,506
161	Net Plant Carrying Charge	(Line 159 / Line 160)	22.4264%
162	Net Plant Carrying Charge without Depreciation	(Line 159 - Line 85) / Line 160	19.7550%
163	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	(Lines 159 - 85 - 126 - 140) / Line 160	9.8389%
Net Plant Carrying Charge with 100 Basis Point ROE Increment			
164	Gross Revenue Requirement Less Return and Taxes	(Line 149 - Line 147 - Line 148)	6,435,390
165	Increased Return and Taxes	Attachment 4	5,636,013
166	Net Revenue Requirement per 100 Basis Point increase in ROE	(Line 164 + Line 165)	12,071,403
167	Net Transmission Plant	(Line 19 - Line 30)	51,440,506
168	Net Plant Carrying Charge per 100 Basis Point increase in ROE	(Line 166 / Line 167)	23.4667%
169	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	(Line 165 - Line 85) / Line 167	20.7953%
170	<b>Net Revenue Requirement</b>	(Line 158)	<b>10,231,037</b>
171	Reconciliation Amount <sup>1</sup>	Attachment 6	792,408
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	<b>Net Zonal Revenue Requirement</b>	(Sum Lines 170 to 173)	<b>11,023,445</b>
Network Zonal Service Rate			
175	1 CP Peak	(Note L) PJM data	6,593
176	Rate (\$/MW-Year)	(Note L) (Line 174 / Line 175)	1,672
<b>177</b>	<b>Network Service Rate (\$/MW/Year)</b>	<b>(Note L) (Line 176)</b>	<b>1,672</b>

**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 \$792,408 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 <b>ADIT- 282</b>	(877,770)	(36,103,771)	0	(36,981,540)
2 <b>ADIT-283</b>	0	0	0	0
3 <b>ADIT-190</b>	0	0	677,706	677,706
4 <b>Subtotal</b>	(877,770)	(36,103,771)	677,706	(36,303,834)
5 <b>Wages &amp; Salary Allocator</b>			21.4213%	
6 <b>Gross Plant Allocator</b>		25.7028%		
7 <b>ADIT</b>	(877,770)	(9,279,663)	145,174	(10,012,259)
8				
9				
10				
11				
12 <b>ADIT-190</b>	<b>Gas, Prod Or Other Related</b>	<b>Only Transmission Related</b>	<b>Plant Related</b>	<b>Labor Related</b>
13				
14				
15				
16 RESERVE FOR BAD DEBT - FIT	404,228			
17 RESERVE FOR BAD DEBT - STATE	213,640			
18 DEFERRED REVENUE - FIT				
19 DEFERRED REVENUE - SIT				
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				44,275
27 SFAS 112 WORKERS COMPENSATION/LTD CURRENT - STATE				23,400
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				1,180,311
31 SFAS 106 POST RETIREMENT BENEFIT (NON CURRENT) - STATE				623,809
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				257,977
41 ANNUAL BONUS PLAN (EXECUTIVE) - STATE				136,344
42 AOCI - OPEB - FIT				
43 AOCI - OPEB - STATE				
44 RESTRICTED STOCK AWARDS - FIT				21,835
45 RESTRICTED STOCK AWARDS - STATE				11,540
46 VACATION ACCRUAL - FIT				119,290
47 VACATION ACCRUAL - STATE				63,046
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	1,538,700			
55 CIAC RECEIPTS - NET REFUNDS - STATE	605,455			
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	593,504			
66 UNDER/OVER RECOVERED BILLED ENERGY COSTS - STATE	313,674			
67 UNDER/OVER RECOVERED UNBILLED ENERGY COSTS - FIT				
68 UNDER/OVER RECOVERED UNBILLED ENERGY COSTS - STATE				
69 DERIVATIVE INSTRUMENT ASSETS - NATURAL GAS OPTIONS - FIT	308			
70 DERIVATIVE INSTRUMENT ASSETS - NATURAL GAS OPTIONS - STATE	163			
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	(117,302)			
87 REG LIABILITY - STATE	(61,996)			
88 INVENTORY RESERVE - FIT	2,911			
89 INVENTORY RESERVE - SIT	1,539			
90 SFAS 158 PENSION - FIT	950,842			
91 SFAS 158 PENSION - SIT	502,532			
92 EXECUTIVE RETIREMENT PLAN - FIT				
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" &				
97 "PROTECTED" ITEMS RECORDED IN FERC ACCOUNT 190	202,263			
98 DEFERRED TAXES ON GROSS-UP OF DEFICIENT/(EXCESS) ADIT	(58,438)			
99 <b>Subtotal - p234</b>	5,092,024	-	-	2,481,827
100 <b>Less FASB 109 Above</b>	-	-	-	1,804,120
101 <b>Less FASB 106 Above</b>	-	-	-	677,706
102 <b>Total</b>	5,092,024	-	-	677,706
103				
104 <b>Instructions for Account 190:</b>				
105 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column A				
106 2. ADIT items related only to Transmission are directly assigned to Column B				
107 3. ADIT items related Plant and not in Columns A & B are directly assigned to Column C				
108 4. ADIT items related to labor and not in Columns A & B are directly assigned to Column D				
109 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				
110 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				
111				

112  
113  
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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	(352,318)			
SFAS 109 RECOVERABLE UTILITY COSTS - STATE	(7,677,636)			
LIB. TAX DEPRECIATION ADR - FIT				
LIB. TAX DEPRECIATION ADR - STATE				
LIB. TAX DEPRECIATION - FIT - ACRS/MACRS			(26,078,781)	
LIB. TAX DEPRECIATION - STATE - ACRS/MACRS		(877,770)		
DEFICIENT/(EXCESS) ADIT - FROM ATTACHMENT 1A, SUBTOTAL OF "UNPROTECTED" & "PROTECTED" ITEMS RECORDED IN FERC ACCOUNT 282			(14,098,278)	
DEFERRED TAXES ON GROSS-UP OF DEFICIENT/(EXCESS) ADIT			4,073,289	
<b>Subtotal - p275 (Form 1-F filer: see note 6 below)</b>	(8,029,954)	(877,770)	(36,103,771)	0
<b>Less FASB 109 Above</b>	(8,029,954)	0	0	0
<b>Less FASB 106 Above</b>				
<b>Total</b>	0	(877,770)	(36,103,771)	0

**Instructions for Account 282:**

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column A
2. ADIT items related only to Transmission are directly assigned to Column B
3. ADIT items related Plant and not in Columns A & B are directly assigned to Column C
4. ADIT items related to labor and not in Columns A & B are directly assigned to Column D
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
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

**41957205**

**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	(3,314,153)			
OTHER MISC. REG ASSETS - STATE	(1,751,572)			
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	(106,587)			
OTHER MISC ADIT - STATE	(56,333)			
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	(0)			
AOCI - IRPA - STATE	(0)			
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				
CIAC 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				
<b>Subtotal - p277</b>	(5,228,645)	-	-	-
<b>Less FASB 109 Above</b>				
<b>Less FASB 106 Above</b>				
<b>Total</b>	(5,228,645)	-	-	-

**Instructions for Account 283:**

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column A
2. ADIT items related only to Transmission are directly assigned to Column B
3. ADIT items related Plant and not in Columns A & B are directly assigned to Column C
4. ADIT items related to labor and not in Columns A & B are directly assigned to Column D
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
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<sup>(1)</sup>

Pre-TCJA Fed	35.00%
Post-TCJA Fed	21.00%
Gross-Up	1.406313504
Pre-TCJA Fed+FBOS	31.503500%
Post-TCJA Fed+FBOS	18.902100%

(Excess)/Deficient ADIT Carries To	ADIT Description <sup>(2)</sup>	ADIT FERC Account	(Excess)/Deficient ADIT		EDIT Amortization (Benefit)/Expense <sup>(3)</sup>	Pre - Gross-Up	Post-Gross-Up	Protected/ Unprotected	(Excess)/Deficient ADIT		(Excess)/Deficient Amortization FERC Account
			Pre-Gross Up	Post-Gross Up		(Excess)/Deficient ADIT Balances	(Excess)/Deficient ADIT Balances		FERC Account	Period	
ATT 1, ADIT-282, LIB. Tax Depreciation	Property - FED	282	(10,833,825)	(15,235,755)	(808,836)	(10,024,989)	(14,098,278)	Protected	254	ARAM	411.1 - Deferred Tax Exp
ATT 1, ADIT-190, CIAC Receipts	CIAC - FED	190	178,617	251,192	34,792	143,825	202,263	Protected	182.3	ARAM	410 - Deferred Tax Exp
<b>Subtotal - Protected</b>			<b>(10,655,208)</b>	<b>(14,984,563)</b>	<b>(774,043)</b>	<b>(9,881,164)</b>	<b>(13,896,015)</b>				
<b>Subtotal - Unprotected</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>				
<b>Total Protected &amp; Unprotected</b>			<b>(10,655,208)</b>	<b>(14,984,563)</b>	<b>(774,043)</b>	<b>(9,881,164)</b>	<b>(13,896,015)</b>				

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 Amortization	EDIT Amortization	Total
	(Benefit)/Expense for Plant	(Benefit)/Expense for Labor	
EDIT Amount	(774,043)	-	(774,043)
Allocation % from ATT H	25.70%	21.42%	
Allocated Transmission Amount	(198,950)	-	(198,950)

(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	
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	3.960%
Gross-Up - Post Rate Change	1.479917
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 Effected Balances Before Tax Rate Change	ADIT Tax Effected 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	56,632,696	4,469,509	2,242,713	2,226,796	3,295,474		2,226,796	3,295,474	Protected	182	ARAM	In accordance with	282
	<b>Subtotal - Protected</b>		<b>56,632,696</b>	<b>4,469,509</b>	<b>2,242,713</b>	<b>2,226,796</b>	<b>3,295,474</b>	<b>0</b>	<b>2,226,796</b>	<b>3,295,474</b>					
			-	-	-	-	-	-	-	-					
	<b>Subtotal - Unprotected</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>					
	<b>Total Protected &amp; Unprotected</b>		<b>56,632,696</b>	<b>4,469,509</b>	<b>2,242,713</b>	<b>2,226,796</b>	<b>3,295,474</b>	<b>0</b>	<b>2,226,796</b>	<b>3,295,474</b>					

**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 1A. This amount is then carried to ATT H, Line 137.

# UGI Utilities, Inc.

## Attachment 2 - Taxes Other Than Income Worksheet

Other Taxes	Source: Ferc Form 1 Pages 262-263	Allocator	Allocated Amount
<b>Plant Related</b>		<b>Gross Plant Allocator</b>	
1	Real property (State, Municipal or Local)	82,214	
2	Personal property		
3	Capital Stock Tax		
4	Gross Premium (Insurance) Tax		
5	PURTA	32,809	
6	Corp License		
7			
8			
9	<b>Total Plant Related</b>	115,023	25.7028% 29,564
10			
11			
12	<b>Labor Related</b>	<b>Wages &amp; Salary Allocator</b>	
13			
14			
15	Federal FICA/Medicare & Unemployment	802,784	
16	State Unemployment	28,851	
17	Healthcare Tax Premium - PCORI		
18	Payroll Tax Adjustment	6,646	
19			
20	<b>Total Labor Related</b>	838,281	21.4213% 179,571
21			
22			
23	<b>Other Included</b>	<b>Gross Plant Allocator</b>	
24			
25	Heavy Highway	0	
26	Sales Use/Refund Claim	150,000	
27			
28			
29	<b>Total Other Included</b>	150,000	25.7028% 38,554
30			
31	<b>Total Included</b>	Sum lines 9+20+29 1,103,304	247,689
32			
33			
34	<b>Currently Excluded</b>		
35			
36	Gross Receipts Tax (GRT)	7,906,227	
37	Utility Regulatory Assessment	300,656	
38			
39			
40			
41	<b>Total Excluded</b>	8,206,883	
42			
43	<b>Grand Total = Included + Excluded (line 31 + 41)</b>	9,310,187	
44			
45	<b>Total "Taxes Other Than Income Taxes" Acct. 408.1 (p115.14.g)</b>	9,310,187	
46			
47	<b>Difference</b>	0	

**UGI Utilities, Inc.**

**Attachment 3 - Revenue Credit Workpaper**

<b>Account 454 - Rent from Electric Property</b>		
1	Rent from Electric Property - Transmission Related (Note 3)	(See Footnote Below) 131
2	Total Rent Revenues	(Line 1) 131
<b>Account 456 - Other Electric Revenues (Note 1)</b>		
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	129,794
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) 129,925
12	Line 17g	66
13	Total Revenue Credits	(Line 11 - Line 12) 129,860
<b>Revenue Adjustment to determine Revenue Credit</b>		
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.	131
17b	Costs associated with revenues in line 17a	
17c	Net Revenues (17a - 17b)	131
17d	50% Share of Net Revenues (17c / 2)	66
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)	66
17g	Line 17a less line 17f	66
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) 129,925

**Account 454 - Rent from Electric Property - \$598,156. This represents pole attachment revenue of which \$598,025 is PA Jurisdictional revenue and \$131 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)	5,636,013
B	100 Basis Point increase in ROE		1.00%

**Return Calculation**

59	Rate Base		(Line 39 + Line 58)	50,396,510
	Long Term Interest			
99	<b>Long Term Interest</b>		p117.62.c through 67.c	58,572,973
100	Less LTD Interest on Securitization Bonds		Attachment 8	0
101	Long Term Interest		(Line 99 - Line 100)	58,572,973
102	Preferred Dividends	enter positive	p118.29.c	0
	Common Stock			
103	Proprietary Capital		p112.16.c	1,711,910,090
104	Less Preferred Stock	enter negative	(Line 113)	0
105	Less Account 216.1	enter negative	p112.12.c	-1,759,765
106	Common Stock		(Sum Lines 103 to 105)	1,710,150,325
	Capitalization			
107	Long Term Debt		p112.18.c through 21.c	1,458,750,000
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)	1,458,750,000
113	Preferred Stock		p112.3.c	0
114	Common Stock		(Line 106)	1,710,150,325
115	Total Capitalization		(Sum Lines 112 to 114)	3,168,900,325
116	Debt %	Total Long Term Debt	(Line 112 / Line 115)	46.0%
117	Preferred %	Preferred Stock	(Line 113 / Line 115)	0.0%
118	Common %	Common Stock	(Line 114 / Line 115)	54.0%
119	Debt Cost	Total Long Term Debt	(Line 101 / Line 112)	0.0402
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)	0.0185
123	Weighted Cost of Preferred	Preferred Stock	(Line 117 * Line 120)	0.0000
124	Weighted Cost of Common	Common Stock	(Line 118 * Line 121)	0.0664
125	Total Return ( R )		(Sum Lines 122 to 124)	0.0849
126	Investment Return = Rate Base * Rate of Return		(Line 59 * Line 125)	4,276,784

**Composite Income Taxes**

	<b>Income Tax Rates</b>		
127	FIT=Federal Income Tax Rate		21.00%
128	SIT=State Income Tax Rate or Composite		9.99%
129	p = percent of federal income tax deductible for state purposes		0.00%
130	T	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\}$	28.89%
131	T / (1-T)		40.63%
	<b>ITC Adjustment</b>		
132	Amortized Investment Tax Credit	enter negative	0
133	1/(1-T)		140.63%
134	Net Plant Allocation Factor		26.9602%
135	<b>ITC Adjustment Allocated to Transmission</b>	(Note I)	0
140	<b>Income Tax Component =</b>	$CIT=(T/1-T) * Investment\ Return * (1-(WCLTD/R)) =$	1,359,229
141	<b>Total Income Taxes</b>		<b>1,359,229</b>

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
<b>Plant Allocation Factors</b>							
2	Total Wage Expense		p354.28.b		7,712,989		
3	Administrative and General Wage Expense		p354.27.b		3,139,134		
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		3,494,537		
12	Accumulated Common Plant Depreciation - Electric	(Note A)	p356	96,897,305	9,689,731	87,207,574	
<b>Plant In Service</b>							
24	Common Plant (Electric Only)	(Notes A & B)	p356	280,624,972	27,949,921	252,675,051	
<b>Accumulated Deferred Income Taxes</b>							
41	Accumulated Investment Tax Credit Account No. 255	(Notes A & I)	p267.8.h	1,683,692	0	1,683,692	See Note I
<b>Prepayments</b>							
44	Prepayments (Account 165)	(Note A)	p111.57(c)	14,026,393	1,327,448	12,698,945	Analysis of Company Records
<b>Materials and Supplies</b>							
47	Undistributed Stores Exp	(Note A)	p227.16.c	1,602,313	8,543	1,593,770	Analysis of Company Records
<b>Allocated General &amp; Common Expenses</b>							
65	Plus Transmission Lease Payments	(Note A)	p200.4.c	3,423,555	0	3,423,555	
67	Common Plant O&M	(Note A)	p356	0	0	0	
<b>Depreciation Expense</b>							
85	Depreciation		p336.7.b&c	1,374,201	1,374,201	0	
86	General Depreciation		p336.10.b&c	1,005,320	1,005,320	0	
87	Intangible Amortization	(Note A)	p336.1.d&e	0	0	0	
91	Common Depreciation - Electric Only	(Note A)	p336.11.b	2,024,698	2,024,698	0	
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	72,248,325	64,887,428	7,360,898	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	20,807,819	20,807,819	0	Direct assignment to Transmission based upon plant records.
50	Materials and Supplies		p227.8.c	25,997,820	619,391	25,378,429	Direct assignment to Transmission based upon plant records.
83	Transmission Depreciation Expense		p336.7.b&c	1,374,201	1,374,201	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	4,858,780	
	Portions of Acct 561	Company Records		147,094	Acct 561 expenses not recovered in OATT: 561002 (Scheduling and Dispatch), 561005 (RTO Scheduling and Dispatch), 561007 (Market Expansion) and 561008 (NFRG & RFC Reliability)
	Other Excluded Expenses	Company Records		0	Description -- other expenses not recovered in OATT
63	Less Account 565 and other excluded expenses		Total	5,005,874	

**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
<b>Plant Allocation Factors</b>							
6	Electric Plant In Service	(Note B)	p207.104.g	293,187,553	0	0	See Form 1
7	Common Plant In Service - Electric	0	(Line 24)	27,949,921	0	0	See Line 7
<b>Plant In Service</b>							
19	Transmission Plant In Service	(Note B)	p207.58.g	72,248,325			See Line 15
24	Common Plant (Electric Only)	(Notes A & B)	Attachment 5	27,949,921	0	0	See Line 24
<b>Accumulated Depreciation</b>							
30	Transmission Accumulated Depreciation	(Note C)	Attachment 5	20,807,819	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	
<b>Allocated General &amp; Common Expenses</b>							
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
<b>Allocated General &amp; Common Expenses</b>							
70	Less Regulatory Commission Exp Account 928	(Note E)	p323.189.b	270,945			
<b>Directly Assigned A&amp;G</b>							
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
<b>Directly Assigned A&amp;G</b>							
80	General Advertising Exp Account 930.1	(Note F)	p323.191.b	74,633	-	74,633	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
<b>Income Tax Rates</b>									
128	SIT=State Income Tax Rate or Composite	(Note I)	SIT for Year	Pennsylvania 9.99%	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
<b>Directly Assigned A&amp;G</b>							
77	General Advertising Exp Account 930.1	(Note K)	p323.191.b	74,633	0	74,633	None

**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	7,360,898	
				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 Determinants	Current Rate	Proposed Rate	Current Revenues	Proposed Revenues	Change in Revenues
<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)	
			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)	
			Est. In Service Date                      Weighting                      Amount                      One 12th	
			Jan                      -                      11.5                      -                      -	<2023 Cap Ads Estimates
			Feb                      438,013                      10.5                      4,599,140                      383,262	
			Mar                      -                      9.5                      -                      -	
			Apr                      275,345                      8.5                      2,340,433                      195,036	
			May                      -                      7.5                      -                      -	
			Jun                      193,467                      6.5                      1,257,538                      104,795	
			Jul                      252,259                      5.5                      1,387,427                      115,619	
			Aug                      -                      4.5                      -                      -	
			Sep                      757,011                      3.5                      2,649,538                      220,795	
			Oct                      -                      2.5                      -                      -	
			Nov                      -                      1.5                      -                      -	
			Dec                      -                      0.5                      -                      -	
			Total                      1,916,096                      -                      12,234,076                      1,019,506	
			New Transmission Plant Additions for Year 3 (weighted by months in service)	1,019,506 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 2022**  
 For Reconciliation only - remove actual New Transmission Plant Additions for Year 2 6,321,326 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	522,134	10.5	5,482,402	456,867
Mar	517,367	9.5	4,914,987	409,582
Apr	425,040	8.5	3,612,840	301,070
May	-	7.5	-	-
Jun	648,659	6.5	4,216,281	351,357
Jul	48,004	5.5	264,022	22,002
Aug	58,694	4.5	264,121	22,010
Sep	4,101,429	3.5	14,355,003	1,196,250
Oct	-	2.5	-	-
Nov	-	1.5	-	-
Dec	-	0.5	-	-
Total	<b>6,321,326</b>		33,109,657	2,759,138

New Transmission Plant Additions for Year 2 (weighted by months in service) 2,759,138 Input to Formula Line 21

**9,851,435** 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 9,851,435 - The forecast in Prior Year **9,110,171** = 741,264

Interest on Amount of Refunds or Surcharges

Interest 35.19a for March Current Yr		0.5400% <March 2023		March of Current Year		Interest	Surcharge (Refund)
Month	Yr	1/12 of Step 9	Interest Rate for	Months		Owed	
Jun	Year 1	61,772	0.5400%	11.5	3,836	65,608	
Jul	Year 1	61,772	0.5400%	10.5	3,502	65,274	
Aug	Year 1	61,772	0.5400%	9.5	3,169	64,941	
Sep	Year 1	61,772	0.5400%	8.5	2,835	64,607	
Oct	Year 1	61,772	0.5400%	7.5	2,502	64,274	
Nov	Year 1	61,772	0.5400%	6.5	2,168	63,940	
Dec	Year 1	61,772	0.5400%	5.5	1,835	63,607	
Jan	Year 2	61,772	0.5400%	4.5	1,501	63,273	
Feb	Year 2	61,772	0.5400%	3.5	1,167	62,939	
Mar	Year 2	61,772	0.5400%	2.5	834	62,606	
Apr	Year 2	61,772	0.5400%	1.5	500	62,272	
May	Year 2	61,772	0.5400%	0.5	167	61,939	
Total		741,264				765,281	

		Balance	Interest	Amortization over	Balance
			Rate Year	Rate Year	
Jun	Year 2	765,281	0.5400%	66,034	703,380
Jul	Year 2	703,380	0.5400%	66,034	641,144
Aug	Year 2	641,144	0.5400%	66,034	578,572
Sep	Year 2	578,572	0.5400%	66,034	515,662
Oct	Year 2	515,662	0.5400%	66,034	452,413
Nov	Year 2	452,413	0.5400%	66,034	388,822
Dec	Year 2	388,822	0.5400%	66,034	324,888
Jan	Year 3	324,888	0.5400%	66,034	260,608
Feb	Year 3	260,608	0.5400%	66,034	195,981
Mar	Year 3	195,981	0.5400%	66,034	131,006
Apr	Year 3	131,006	0.5400%	66,034	65,679
May	Year 3	65,679	0.5400%	66,034	0
Total with interest				792,408	

The difference between the Reconciliation in Step 8 and the forecast in Prior Year with interest 792,408  
 Rev Req based on Year 3 data with estimated Cap Adds for Year 4 \$ 10,231,037  
 Revenue Requirement for Year 3 11,023,445

10 May Year 4 Post results of Step 9 on PJM web site  
 \$ 11,023,445 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)  
 \$ 11,023,445

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	19.7550%
B	169	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	20.7953%
C		Line B less Line A	1.0403%

FCR if a CIAC

D	163	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	9.8389%
---	-----	--	---------

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		0.197549517										
	(FCR @ 11.3 ROE + FCR @ 11.3 ROE x Increased ROE/100 bp)	0.197549517										
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		
<b>100 0</b>	<b>Less LTD Interest on Securitization Bonds</b>		<b>0</b>
	Capitalization		
<b>111</b>	<b>Less LTD on Securitization Bonds</b>		<b>0</b>

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
<b>TRANSMISSION PLANT</b>									
352	STRUCTURES AND IMPROVEMENTS	55	R3	44.9 years	1.91	4,384	(497)	3,887	(92)
353	STATION EQUIPMENT	60	R3	39 years	1.62	32,379	(10,355)	22,024	(465)
353.2	STATION EQUIPMENT - SCADA	18	S3	11.4 years	3.65	2,933	(1,906)	1,027	(114)
354	TOWERS AND FIXTURES	70	R4	45.2 years	1.02	4,126	(2,349)	1,777	(52)
354.7	REG AFUDC	40	SQ	39.5 years	2.26	(172)	23	(149)	3
355	POLES AND FIXTURES	55	R2	35.1 years	2.34	14,910	(2,100)	12,810	(363)
356	OVERHEAD CONDUCTORS AND DEVICES	57	R1.5	34.2 years	2.02	10,933	(3,536)	7,397	(273)
357	UNDERGROUND CONDUIT	55	L3	17.1 years	0.67	2	(2)	-	-
358	UNDERGROUND CONDUCTORS AND DEVICES	45	R4	37.7 years	2.44	12	(35)	(23)	(3)
359.1	ROADS AND TRAILS	40	R4	33.3 years	2.80	595	(52)	543	(16)
<b>ELECTRIC GENERAL PLANT</b>									
390.1	STRUCTURES AND IMPROVEMENTS	100	R1	19.1 years	3.48	4,830	(1,236)	3,594	(109)
391	OFFICE FURNITURE AND EQUIPMENT - FURNITURE	20	SQ	7.5 years	10.89	73	(17)	56	(4)
391.1	OFFICE FURNITURE AND EQUIPMENT - EQUIPMENT	5	SQ	3.2 years	28.01	369	(156)	213	(90)
391.92	OFFICE FURNITURE AND EQUIPMENT - OUTAGE MANAGEMENT SOFTWARE	15	SQ	4.5 years	6.60	4,152	(720)	3,432	(83)
393	STORES EQUIPMENT	10	SQ	7 years	11.77	15	(5)	10	(2)
394	TOOLS, SHOP AND GARAGE EQUIPMENT	20	SQ	12.6 years	5.26	1,684	(637)	1,047	(84)
395	LABORATORY EQUIPMENT	10	SQ	3.3 years	15.93	98	(87)	11	(14)
397	COMMUNICATION EQUIPMENT	10	SQ	4.4 years	15.00	1,023	(191)	832	(95)
398	MISCELLANEOUS EQUIPMENT	10	SQ	7.3 years	10.24	410	(64)	346	(33)
392.1	TRANSPORTATION EQUIPMENT - AUTOMOBILES	7	L3	5.3 years	17.01	302	(137)	165	(77)
392.2	TRANSPORTATION EQUIPMENT - LIGHT TRUCKS	11	L3	8.2 years	9.74	1,420	(173)	1,247	(99)
392.4	TRANSPORTATION EQUIPMENT - HEAVY TRUCKS	14	S3	11.5 years	7.53	578	(47)	531	(27)
396	POWER OPERATED EQUIPMENT	20	S0	12.2 years	8.39	177	(10)	167	(10)
<b>COMMON PLANT</b>									
390.1	STRUCTURES AND IMPROVEMENTS	70	R1	31.3 years	3.01	3,588	(322)	3,266	(96)
391	OFFICE FURNITURE AND EQUIPMENT - FURNITURE	20	SQ	15.4 years	5.35	434	(109)	325	(24)
391.1	OFFICE FURNITURE AND EQUIPMENT - EQUIPMENT	5	SQ	3.3 years	25.67	135	(30)	105	(11)
392.1	TRANSPORTATION EQUIPMENT - CARS	7	L2.5	0 years	-	7	(7)	-	-
398	MISCELLANEOUS EQUIPMENT	10	SQ	8.5 years	11.48	-	-	-	-
391	OFFICE FURNITURE AND EQUIPMENT - FURNITURE	20	SQ	1.6 years	5.41	3	(3)	0	-
391.1	OFFICE FURNITURE AND EQUIPMENT - EQUIPMENT	5	SQ	1.9 years	21.14	2,041	(1,391)	650	(400)
391.2	OFFICE FURNITURE AND EQUIPMENT - SOFTWARE								
	SUCCESS FACTORS	3	SQ	3 years	25.93	280	(69)	211	(29)
	UNITE ERP	13	SQ	13 years	7.09	1,070	(261)	809	(111)
	TOTAL OFFICE FURNITURE AND EQUIPMENT - SOFTWARE								
391.3	OFFICE FURNITURE AND EQUIPMENT - SYSTEM DEV. COSTS - 10 YEARS	10	SQ	6.2 years	9.54	5,572	(2,402)	3,170	(442)
391.4	OFFICE FURNITURE & EQUIPMENT - SYSTEM DEV. COSTS - 15 YEARS	15	SQ	10.7 years	6.72	14,133	(5,096)	9,036	(912)

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)).