

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		p354.21.b	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	For Reconciliation Only	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	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)	enter negative 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 =	$CIT = (T/(1-T)) * \text{Investment Return} * (1 - \{WCLTD/R\}) =$ [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%
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 $p = \frac{\text{"the percentage of federal income tax deductible for state income taxes"}}{\text{the percentage of federal income tax deductible for state income taxes}}$. 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

Page 1 of 2

	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			16.1439%	
6 Gross Plant Allocator		23.5683%		
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" &	50,967			
97 "PROTECTED" ITEMS RECORDED IN FERC ACCOUNT 190	(13,084)			
98 DEFERRED TAXES ON GROSS-UP OF DEFICIENT/(EXCESS) ADIT				
99 Subtotal - p234	6,351,514	-	-	2,122,845
100 Less FASB 109 Above				
101 Less FASB 106 Above				
102 Total	6,351,514	-	-	481,193

Instructions for Account 190:

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)

	(A) Gas, Prod Or Other Related	(B) Only Transmission Related	(C) Plant Related	(D) Labor Related
ADIT- 282				
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:

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

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

See Note Q

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

	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related
ADIT-283				
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 109 Above				
Less FASB 106 Above				
Total	(5,712,507)	-	-	-

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⁽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%

		Beginning of the Year				End of the Year							
			(Excess)/Deficient ADIT	(Excess)/Deficient ADIT	EDIT Amortization	Pre - Gross-Up	Post-Gross-Up		(Excess)/Deficient				(Excess)/Deficient
(Excess)/Deficient ADIT Carries To	ADIT Description ⁽²⁾	ADIT FERC Account	Pre-Gross Up	Post-Gross Up	(Benefit)/Expense ⁽³⁾	(Excess)/Deficient ADIT Balances	(Excess)/Deficient ADIT Balances	Protected/Unprotected	ADIT FERC Account	Amortization Period	Justification for Amortization Period	Amortization FERC Account	(Excess)/Deficient
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
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	1.4063135
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	

				Gross ADIT	ADIT Tax Effected	ADIT Tax Effected	(Excess)/Deficient	(Excess)/Deficient	EDIT Amortization			Protected/	(Excess)/Deficient ADIT	Amortization			(Excess)/Deficient
(Excess)/Deficient ADIT Carries To	ADIT Description ⁽²⁾	ADIT FERC Account	Before Tax Rate	Balances Before	Balances After Tax	Rate Change	Pre-Gross Up	Post-Gross Up	(Benefit)/Expense ⁽³⁾	Pre - Gross-Up	Post-Gross-Up	Unprotected/	FERC Account	Period	Justification for Amortization Period	Amortization FERC	
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

Other Taxes		Source: Ferc Form 1 Pages 262-263	Allocator	Allocated Amount
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	7,687,359		
42				
43	Grand Total = Included + Excluded (line 31 + 41)	8,643,611		
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)
2	Total Rent Revenues	(Line 1)
		3,340
		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)
12	Line 17g	
13	Total Revenue Credits	(Line 11 - Line 12)
		78,839
		1,670
		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 TCM	Details
	Acct 565		p321.96.b	5,117,689	
	Portions of Acct 561		Company Records	133,397	Acct 561 expenses not recovered in O&M I: 561002 (Scheduling and Dispatch), 561005 (RTO Scheduling and Dispatch), 561007 (Market Expansion) and 561008 (NERC & RFC Reliability)
	Other Excluded Expenses		Company Records	0	Description -- other expenses not recovered in O&M
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
				Add more lines if necessary	

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	
				Add more lines if necessary	

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
				Add more lines if necessary	

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
				-	-	-
Add more lines if necessary						
Total				-	-	-

UGI Utilities, Inc.

Attachment 6 - Estimate and Reconciliation Worksheet

Step	Month	Year	Action
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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)
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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)
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	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) \$ -
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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)
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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	-	-
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

<2024 Cap Ads Estimates

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

Month	Yr	1/12 of Step 9	Interest Rate for March of Current Year	Months	Interest	Surcharge (Refund) 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

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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%
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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	-	-	-	-	-	-	-	-	\$ -	\$ -	-
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****		****	****	****	****	****	****	****	****	\$ -	\$ -	-

UGI Utilities, Inc.

Attachment 8 - Company Exhibit - Securitization Workpaper

Line #

Long Term Interest

100	Less LTD Interest on Securitization Bonds		0
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Capitalization

111	Less LTD on Securitization Bonds		0
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Calculation of the above Securitization Adjustments

