



## CLASS C RATE/TARIFF CHANGE APPLICATION

UTILITY NAME: \_\_\_\_\_

CCN No. \_\_\_\_\_

ADDRESS OF UTILITY: \_\_\_\_\_

Street, P.O. Box and/or suite number

\_\_\_\_\_  
City and Zip Code

PHONE NUMBER: (\_\_\_\_) \_\_\_\_\_  
area code

NAME OF PERSON TO CONTACT REGARDING THIS FILING:

NAME: \_\_\_\_\_

PHONE: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

PUC CLASS SIZE:  C  D (Mark One Box)

Connection Count: **500-2299** **0-499**

FOR TEST YEAR ENDING: \_\_\_\_\_ (Enter Month/ Date/Year)

AMOUNT INCREASE (DECREASE): \_\_\_\_\_  
in dollars

(From Schedule VII-1, Column B, Line 5 or  
Schedule VII-2, Column C, Line 29 or  
Schedule VII-3, Column C, Line 51)

PERCENT INCREASE (DECREASE): \_\_\_\_\_  
*percent above (below) current revenue requirement*

(From Schedule VII-1, Column B, Line 6 or  
Schedule VII-2, Column C, Line 30 or  
Schedule VII-3, Column C, Line 52)

DESCRIBE OWNERSHIP OF COMPANY:  
\_\_\_\_\_  
\_\_\_\_\_

PUBLIC UTILITY COMMISSION OF TEXAS (PUC) DOCKET NUMBER OF LAST MAJOR RATE FILING\*:  
(If the last major rate filing was at the Texas Commission on Environmental Quality (TCEQ), provide a copy of the final order.)

RATE CASE OR DOCKET NUMBER OF LAST MINOR TARIFF RATE CHANGE\*\*:

IF ANY UTILITY ASSETS WERE TRANSFERRED IN A SALE, TRANSFER, MERGER APPLICATION (STM), PROVIDE THE DOCKET NO.(S) OR TCEQ APPLICATION NUMBER(S):

\*(e.g. Class B, C or D Rate Change application or TCEQ Rate/Tariff change application).

\*\* (e.g. pass-through rate change or temporary water rate provision).

## **Class C RATE/TARIFF CHANGE APPLICATION**

**This application can only be used by Class C and Class D utilities. Class C utilities have connections counts from 500 to 2,299. Class D utilities have connections counts from 0 to 499.**

The application contains schedules for the calculation of rates for one type of utility service (water or sewer). While the instructions that follow relate to only one set of schedules, they apply to each type of utility service that you are providing. Remember that, if applicable, costs should be directly assigned to water and sewer functions. In the event that direct assignment is not possible, allocate expenses between water and sewer as accurately as possible, using cost-causation principles. Complete a set of operational information for each type of utility service provided. For instance, if the utility provides water and sewer service, but is only requesting a change for water service, the utility will also need to complete a set of operational information for sewer service.

**These schedules are organized in a manner whereby the user can work through each section in the following order:**

- 1st Record historical test year data on Schedule I-1, Column D.  
Enter your test year end on the table of contents.**
- 2nd Provide historical revenue information on Schedule 1-2.**
- 3rd Record historical operating expenses and make known and measurable adjustments.  
(Section II)**
- 4th Calculate return for rate making purposes (Section III).**
- 5th Calculate adjusted taxes other than income (Section IV).**
- 6th Calculate federal income taxes (Section V).**
- 8th Determine revenue requirements (Schedule I).**
- 9th Design proposed rates (Section VI).**
- 10th Calculate the increase (decrease) in revenue for the notice.**

These schedules are intended to assist the utility in calculation of its new rates. The process consists of a number of relatively complex steps. Utilities are required to provide all the information necessary to support amounts included in the schedules and to cross-reference all information. If the applicant does not use a schedule, it should be noted as "N/A", and an explanation provided.

UTILITY NAME: \_\_\_\_\_  
 GENERAL WATER RATE/TARIFF CHANGE APPLICATION  
 SCHEDULES

**Complete all of the following schedules for your Class C or D utility (if the schedule does not apply, include it marked "N/A")**

TABLE OF CONTENTS (Page 1 of 2)

FOR TEST YEAR ENDED: \_\_\_\_\_

DATE SUBMITTED TO PUC: \_\_\_\_\_

		<u>Attachment Schedule</u>	<u>Items Checked</u>
SECTION I	<u>REVENUES AND REVENUE REQUIREMENT</u>		
	Revenue Requirement Summary	<a href="#">I-1</a>	<input type="checkbox"/>
	Historical Revenue Summary	<a href="#">I-2</a>	<input type="checkbox"/>
	<u>Include the appropriate schedules:</u>		
	Connection Count	<a href="#">I-3</a>	<input type="checkbox"/>
	Metered Active Connections by Meter Size	<a href="#">I-3(a)</a>	<input type="checkbox"/>
	Unmetered Active (Flat Rate) Customers	<a href="#">I-3(b)</a>	<input type="checkbox"/>
SECTION II	<u>OPERATIONS AND EXPENSES</u>		
	Production	<a href="#">II-1</a>	<input type="checkbox"/>
	Water & Sewer Production (metered rates)	<a href="#">II-1(a)</a>	<input type="checkbox"/>
	Water Production (with unmetered rates)	<a href="#">II-1(b)</a>	<input type="checkbox"/>
	Other Revenues & Expenses passed through	<a href="#">II-2</a>	<input type="checkbox"/>
	Operating Expenses	<a href="#">II-3</a>	<input type="checkbox"/>
	Large Items	<a href="#">II-4</a>	<input type="checkbox"/>
	Known & Measureable Changes	<a href="#">II-5</a>	<input type="checkbox"/>
	Allocation of Payroll Expenses	<a href="#">II-6</a>	<input type="checkbox"/>
	Employee Pensions/Benefits	<a href="#">II-7</a>	<input type="checkbox"/>
	Rate Case Expense	<a href="#">II-8</a>	<input type="checkbox"/>
SECTION III	<u>RETURN AND RATE BASE/PLANT &amp; EQUIPMENT INFORMATION</u>		
	Requested Return	<a href="#">III-1</a>	<input type="checkbox"/>
	Rate Base Summary	<a href="#">III-2</a>	<input type="checkbox"/>
	Utility Plant - Original Cost & Depreciation	<a href="#">III-3</a>	<input type="checkbox"/>
	Utility Plant reconciled to previous filing	<a href="#">III-3(a)</a>	<input type="checkbox"/>
	Accumulated Depreciation	<a href="#">III-3(b)</a>	<input type="checkbox"/>
	Construction Work in Progress	<a href="#">III-4</a>	<input type="checkbox"/>
	Developer Construction work in progress	<a href="#">III-4(a)</a>	<input type="checkbox"/>
	Materials and Supplies Inventory	<a href="#">III-4(b)</a>	<input type="checkbox"/>
	Working Cash Allowance Calculations	<a href="#">III-5</a>	<input type="checkbox"/>
	Long Term Debt/ Notes Payable – Water and Sewer	<a href="#">III-6</a>	<input type="checkbox"/>
	Contributions in Aid of Construction and Advances	<a href="#">III-7</a>	<input type="checkbox"/>
	Advances for Construction	<a href="#">III-7(a)</a>	<input type="checkbox"/>
	Contributions in Aid of Construction	<a href="#">III-7(b)</a>	<input type="checkbox"/>

UTILITY NAME: _____ GENERAL WATER RATE/TARIFF CHANGE APPLICATION SCHEDULES
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**Complete all of the following schedules for your Class C or D utility (if the schedule does not apply, include it marked "N/A")**

TABLE OF CONTENTS (Page 2 of 2)

FOR TEST YEAR ENDED: \_\_\_\_\_

DATE SUBMITTED TO PUC: \_\_\_\_\_

		<u>Attachment Schedule</u>	<u>Items Checked</u>
SECTION IV	<u>TAXES OTHER THAN INCOME</u>	<a href="#"><u>IV</u></a>	
	Property, Payroll and Other Taxes	<a href="#"><u>IV(a)</u></a>	<input type="checkbox"/>
	Revenue Related Taxes	<a href="#"><u>IV(b)</u></a>	<input type="checkbox"/>
SECTION V	<u>FEDERAL INCOME TAXES (FIT)</u>		
	Income Taxes at Present Rates-effective rate	<a href="#"><u>V</u></a>	<input type="checkbox"/>
SECTION VI	<u>RATE DESIGN</u>		
	Fixed & Variable Revenue Requirement Allocation	<a href="#"><u>VI-1</u></a>	<input type="checkbox"/>
	Flat Rate	<a href="#"><u>VI-2</u></a>	<input type="checkbox"/>
	Rate Calculation for Single Tier Gallonage Charge for All Usage	<a href="#"><u>VI-3</u></a>	<input type="checkbox"/>
	Multi-Tiered Rate Calculation	<a href="#"><u>VI-4</u></a>	<input type="checkbox"/>
	Surcharge Calculation	<a href="#"><u>VI-5</u></a>	<input type="checkbox"/>
	Flat Rate Surcharge Calculation	<a href="#"><u>VI-5(a)</u></a>	<input type="checkbox"/>
	Meter Equivalent Surcharge Calculation	<a href="#"><u>VI-5(b)</u></a>	<input type="checkbox"/>
SECTION VII	<u>RATES &amp; REVENUE GENERATED FOR NOTICE</u>		
	Revenue Generated for Flat Rate	<a href="#"><u>VII-1</u></a>	<input type="checkbox"/>
	Revenue Generated for Single Tier Gallonage Charge for All Usage	<a href="#"><u>VII-2</u></a>	<input type="checkbox"/>
	Revenue Generated for Multi-Tier Gallonage Charges	<a href="#"><u>VII-3</u></a>	<input type="checkbox"/>
	Surcharge Revenue Calculation	<a href="#"><u>VII-4</u></a>	<input type="checkbox"/>
	Revenue Generated for Flat Rate Surcharge	<a href="#"><u>VII-4(a)</u></a>	<input type="checkbox"/>
	Revenue Generated for Meter Equivalent Surcharge	<a href="#"><u>VII-4(b)</u></a>	<input type="checkbox"/>

## INSTRUCTIONS REVENUE REQUIREMENT

UTILITY NAME: \_\_\_\_\_

SCHEDULES - CLASS C RATE/TARIFF CHANGE  
SECTION I - REVENUE REQUIREMENTS AND REVENUES

The purpose of Section I is to summarize the revenue requirement and provide revenues and meter information for the test year.

Complete this section using the instructions on each schedule.

Carefully complete the label for each workpaper. Your application docket number should be included on each page.

### **Instructions for Section I - Revenue Requirement and Revenues**

This schedule will complete the utility's summarization of revenue requirement after all schedules except the rate design are completed.

1. Follow the instructions within the spreadsheet and complete the historical test year column (D) first using financial records. Historical data should be consistent with the applicant's annual reports and financial statements. Provide explanations
2. Complete Schedules II-2, 1-2, 1-3(a) and I-3(b).
3. Complete the remaining schedules in Sections II through V using the instructions provided in the instruction worksheets for the section or schedule and in the spreadsheets themselves.
4. Complete Schedule I-1.
5. Complete Section VI Rate Design.

Insert and reference additional workpapers as necessary. For example, you may wish to add schedules that apply to unique situations in your utility.

The schedules are based on the National Association of Regulatory Utility Commissioner (NARUC) chart of accounts and include sub-accounts as necessary for detail needed to determine reasonable and necessary expenditures.

UTILITY NAME: \_\_\_\_\_  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**I-1 REVENUE REQUIREMENT SUMMARY**  
 PUC Docket No. \_\_\_\_\_ Test Year End: \_\_\_\_\_

A	B		C	D	E	F=D+E	G
	Acct. No.			Historical Test Year	K & M Changes	Adjusted Test Year	
Line	Water	Sewer	Account Name				Reference / Instructions
1.	610	710	Purchased water/sewer treatment				Schedule II-3, Columns C-E, Line 1
2.		711	Sludge Removal Expense				Schedule II-3, Columns C-E, Line 2
3.	615.1	715.1	Power Expense-production only				Schedule II-3, Columns C-E, Line 3
4.	618	718	Chemicals and other volume related expenses				Schedule II-3, Columns C-E, Line 4
5.	601.1	701.1	Employee labor				Schedule II-3, Columns C-E, Line 5
6.	620	720	Materials				Schedule II-3, Columns C-E, Line 6
7.	631-636	731-736	Contract work				Schedule II-3, Columns C-E, Line 7
8.	650	750	Transportation expenses				Schedule II-3, Columns C-E, Line 8
9.	664	764	Other plant maintenance				Schedule II-3, Columns C-E, Line 9
			Admin. & general expenses:				
10.	601.2	702.2	Office salaries				Schedule II-3, Columns C-E, Line 10
11.	603	703	Mgmt. salaries				Schedule II-3, Columns C-E, Line 11
12.	604	704	Employee pensions & benefits				Schedule II-3, Columns C-E, Line 12
13.	615.2	715.2	Purchased power-Office only				Schedule II-3, Columns C-E, Line 13
14.	670	770	Bad debt expense				Schedule II-3, Columns C-E, Line 14
15.	676	776	Office services & rentals				Schedule II-3, Columns C-E, Line 15
16.	677	777	Office supplies & expenses				Schedule II-3, Columns C-E, Line 16
17.	678	778	Professional services				Schedule II-3, Columns C-E, Line 17
18.	684	756-759	Insurance				Schedule II-3, Columns C-E, Line 18
19.	667	767	Regulatory expense (other)				Schedule II-3, Columns C-E, Line 19
20.	675	775	Miscellaneous expenses				Schedule II-3, Columns C-E, Line 20
21.			Total operating Expenses				Add Lines 1-20
22.	403		Depreciation				Schedule III-3, Column F, Line 32
23.	408		Taxes Other than Income				Schedule IV(b), Column F, Line 8
24.	409/10		Income Tax Expense				Schedule V, Column C, Line 6
25.			TOTAL EXPENSES				
26.			TOTAL HISTORIC REVENUE				Schedule I-2, Line 7
27.			HISTORICAL TEST YEAR RETURN				Line 26 less Line 25
28.			REQUESTED RETURN				Schedule III-1, Line 3
29.			TOTAL REVENUE REQUIREMENT				Line 25 plus Line 28
30.			LESS: OTHER REVENUES				Schedule II-2(b), Column D, Line 8
31.			Revenue for Rate Design		(to VI, line 1)		Line 29 less Line 30 (if line 30 is negative, add the two lines)

32.	666	766	Regulatory (rate case) expense				Schedule II-8, Column D, Line 19
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UTILITY NAME: _____ SCHEDULES - CLASS C RATE/TARIFF CHANGE FOR TEST YEAR ENDED: _____ <b>I-2 HISTORICAL REVENUE SUMMARY</b>
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Line No.	NARUC A/C Description	Historical Test Year	
1.	461 Metered connections base rate revenue		From financial records
2.	461 Metered connection gallonage rate revenue		From financial records
3.	460 Unmetered (Flat rate) revenue		From financial records
4.	Total Metered & Flat Rate Revenue		
5.	Plus: Total Other Revenues		From Schedule II-2(b), Column B, line 7
6.	Plus: Pass-through Revenues		From Schedule II-2(a), Column E, line 4
7.	Total Historic Test Year Revenues per income statement and Annual Report*		Sum lines 4 through line 5.

(to I-1, Column D, line 26)

\*Provide all calculations and explanations for any differences between the applicant's annual report and this schedule.

\* If the utility provides other than residential retail service (wholesale, industrial, etc), provide a work paper with the detail of this account by NARUC sub account number.

UTILITY NAME: \_\_\_\_\_  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**I-3 CONNECTION COUNT**  
 FOR TEST YEAR ENDED: \_\_\_\_\_

**I-3(a): METERED ACTIVE CONNECTIONS BY METER SIZE  
 (COMPANIES WITH METERED RATE CUSTOMERS)**

A	B	C	D	E	F	G	H
		Number of Connections					
Line No.	Meter Size	End of Prior Year	Test Year Additions	End of Test Year	Average	Meter Ratios	Meter Equivalencies End of TY
		PUC report Sch. 9		(C+D)	(C + E) /2		(E x G)
1.	5/8" x 3/4"					1.0	
2.	3/4"					1.5	
3.	1"					2.5	
4.	1 1/2"					5.0	
5.	2"					8.0	
6.							
7.							
8.							
9.	Total						
10	Average						

**I-3(b) UNMETERED ACTIVE (FLAT RATE) CUSTOMERS  
 (COMPANIES WITH UNMETERED (FLAT) RATE CUSTOMERS)**

A	B	C	D	E	F
		Number of Active Connections			
Line No.	Flat Rate Unit	End of Prior Year	Test Year Additions	End of Year	Average
		PUC report Sch. 9		(C + D)	(C + E) /2
1.					
2.					
3.					
4.					
5.	Total				



## INSTRUCTIONS - OPERATIONS AND MAINTENANCE

UTILITY NAME: \_\_\_\_\_

SCHEDULES - CLASS C RATE/TARIFF CHANGE

SECTION II - OPERATIONS AND MAINTENANCE

Complete all schedules per instructions found in the column headers and reference column.

While working through Schedules II-3 and II-6 through II-8 transfer test year amounts to column F of Schedule I-1.

Insert and reference additional workpapers as necessary. For example, the applicant may use additional schedules that address unique aspects of the utility.

### **Schedule II-5 Known & Measureable Changes**

A utility is allowed to recover reasonable and necessary expenses incurred during the test year. Certain expenses may have increased or decreased during the year, so the 12 months of test year expenses would be different from the amount you would have paid for the new level of expenses for the whole 12-month period. Additionally, the utility may know that a certain expense will be changing in the near future. If you know the amount the expense will be changing, then you can adjust your test year expenses to include the change. Known and measurable changes in expenses should be recorded if they occur, but it is possible that none have occurred. If the applicant has no known and measurable changes, simply put N/A on the appropriate schedule.

Some examples of allowable changes are:

- Electric rates went up or down during the test year.
- You hired a new employee during the test year or gave your employees a raise.
- You received notice that your chemical expenses will be going up by a specified amount.
- You received a written notice from your landlord that your office rent will increase by a specified amount.
- Your property tax is decreasing because the legislature passed a law that limits property taxes.

Some examples of increases that would not be allowed are:

- You are thinking about hiring an extra employee.
- You have heard that your rent might be increased in a couple of months.
- Projected inflation.

UTILITY NAME: \_\_\_\_\_  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**II-1 - PRODUCTION**  
 FOR TEST YEAR ENDED: \_\_\_\_\_

**II-1(a): WATER & SEWER PRODUCTION:  
 (COMPANIES WITH METERED RATE CUSTOMERS)**

		A	B	C= A+B	D	
Line No.	(1,000 Gallons)		Test Year	K & M Changes	Adjusted Test Year	Reference
	Water Production	Sewer Treatment				
1	Total water pumped	Total Number of Gallons Treated (Pumped) (Total Master Meter Reading for the year for the utility only. )				PUC Annual Report
2	Total water purchased	Total Number of Gallons Treated by Another Source (Purchased Treatment)				PUC Annual Report
3	Total water produced	Total Number of Gallons Treated				Line 1 + Line 2
4	Total water sold	Total Number of Gallons Billed				PUC Annual Report
5	Total accounted for non-revenue water*					
6	Total unaccounted for water					Lines 3 less 4 less 5
7	Percentage					Line 6 divided by Line 3

\* Describe the tracking technique for calculating line 5 and provide the records reflecting the calculation.

Known and measurable calculations and explanations:

**II-1(b) WATER PRODUCTION  
 (COMPANIES WITH UNMETERED (FLAT) RATE CUSTOMERS)**

		A	B	C=A+B	D
Line No.	Description	Test Year	K & M Change	Adjusted Test Year	Reference
1	Water Purchased (1,000 gallons)				PUC report Sch. D-1
2	Water Pumped (1,000 gallons)				PUC report Sch. D-1
3	Total production (1,000 gallons)				Line 1 + Line 2

Known and measurable calculations and explanations:

UTILITY NAME: _____ SCHEDULES - CLASS C RATE/TARIFF CHANGE <b>II-2 OTHER REVENUES &amp; EXPENSES PASSED THROUGH</b> FOR TEST YEAR ENDED: _____
---

**II-2(a) PURCHASED WATER OR OTHER PASS THROUGH EXPENSES\***

Line No.	A	B	C	D	E
	Purchased from:	Units purchased (in _____) (e.g. 1,000 gal, AC - FT)	Price Per Unit	Total Calculated Cost (B x C)	Actual Cost paid per financial records
1.					
2.					
3.					
4.	Total**				

\* Examples include Ground Water Conservation or subsidence district fees  
 \*\* Totals of purchased water only must agree with Schedule II-1(a), Column A, Line 2, or provide a reconciliation.

**II-2(b) OTHER REVENUES COLLECTED FROM CUSTOMERS**

Line No.	A	B	C	D
	Item passed thru or type of other revenue	Test year historical revenues collected		Test year revenues netted against COS
1.	*Tap Fees*			-0-*
2.	Late Fees			
3.	Meter Test Fees			
4.	Reconnect Fees			
5.	Purchased Water Fees**			
6.	Groundwater Conservation District Fees**			
7.	Other (attach detail)**			
8.	Total Other Revenues			

(to Sch. I-2, line 5) (to Sch. I-1, line 35)

\* Do not include expenses passed-through to customers, but record these in Schedule II-2(a). Include only revenues associated with expenses included in the cost of service.  
 \*\* Tap fees should be reported on Sch. III-8-CIAC, Line 1.

UTILITY NAME: _____ SCHEDULES - CLASS C RATE/TARIFF CHANGE <b>II-3 OPERATING EXPENSES</b> FOR TEST YEAR ENDED: _____
---

**INSTRUCTIONS:** This page is required to support Schedule I-1 Rev Requirement. Complete the columns A and B with historical financial data for the last two record periods and column C with the actual financial data for the test year. Indicate the kinds of expenses included in this account by identifying all large\* items in Schedule II-4 Large Items Identified. The known and measurable (K&M) change column represents the total change in expenses anticipated for the year after the test year. Identify all K&M expenses anticipated in Schedule II-5 Known & Measurable Revenues or Expenses Justifications. The K&M amount represents only the increase or decrease in line item expense from the test year.

If the actual for the Test Year is higher than previous years, explain the increase.  
 \* A large item is more than 10% of the test year account balance and more than \$1,000.

NARUC Acct. No.			NARUC Account Description	A	B	C	D	E
				2 Years before Test Year	1 Year before Test Year	Test Year	K & M Change (K&M) Positive or (negative)	Adjusted Test Year (Column C plus Column D)
Water	Sewer							
1.	610	710	Purchased Water / Sewer Treatment					
2.		711	Sludge Removal Expense					
3.	615.1	715.1	Power Expense-Production Only					
4.	618	718	Chemicals and other volume related expenses					
5.	601.1	701.1	Employee Labor (non-administrative)					
6.	620	720	Materials and Supplies					
7.	631-636	731-736	Contract Work					
8.	650	750	Transportation Expenses					
9.	664	764	Other Plant Maintenance					
10.	601.2	702.2	Office Salaries					
11.	603	703	Management Salaries					
12.	604	704	Employee Pensions & Benefits					
13.	615.2	715.2	Purchased Power - Office Only					
14.	670	770	Bad Debt Expense					
15.	676	776	Office Services & Rentals					
16.	677	777	Office Supplies & Expenses					
17.	678	778	Professional Services					
18.	684	756-759	Insurance					
19.	667	767	Regulatory Expense (Other)					
20.	675	775	Miscellaneous Expenses					
21.			<b>TOTAL</b>					

UTILITY NAME: _____ SCHEDULES - CLASS C RATE/TARIFF CHANGE <b>II-4 LARGE ITEMS</b> FOR TEST YEAR ENDED: _____
--

**INSTRUCTIONS:** Describe all large items listed in Schedule II-3 Operating Expenses in the test year column, the amount of the large item, and the justification for the large item. For each large item, provide documentation from the vendor, contractor, etc. that supports the cost.

\* A large item is more than 10% of the test year account balance and more than \$1,000.

	NARUC Account Number	Description of Expense	Amount of Large Item	Justification	Schedule Reference	Supporting documentation attachment number
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						
16.						
17.						
18.						
19.						
20.						

UTILITY NAME: \_\_\_\_\_  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**II-5 KNOWN & MEASUREABLE REVENUES OR EXPENSES JUSTIFICATION**  
 FOR TEST YEAR ENDED: \_\_\_\_\_

**INSTRUCTIONS:** Describe all known and measurable changes in revenues and expenses, the amount of the change, and the justification for the change. For each change, provide documentation from the vendor, contractor, etc. that supports the increase or decrease in costs. Adequate supporting documentation consists of a rate change notice, a new contract etc. which must be submitted with the application. Reference the source documentation to this schedule.

	NARUC Account Number	Description of Expense	Amount of Large Item	Justification	Schedule Reference	Supporting documentation attachment number
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						
16.						
17.						
18.						
19.						
20.						

UTILITY NAME _____ SCHEDULES - CLASS C RATE/TARIFF CHANGE <b>II-6 ALLOCATION OF PAYROLL EXPENSES</b> FOR TEST YEAR ENDED:
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**SOME SALARIES MUST BE CAPITALIZED IN THIS REPORT IF EMPLOYEES INSTALL PLANT IN SERVICE**  
**II-6(a) PAYROLL COSTS**

Line No.	Employee Name	A Test Year Payroll	B Capitalized Payroll	C Expensed Payroll	D 1st 7000 or new limit (FUTA max)	E 7,001 to 9000 or new limit (SUTA max)	F 9,001 to 118500 or new limit (or FICA max)	G over 118500 or new limit	H Total Payroll
1.									
2.									
3.									
4.									
5.									
6.									
7.									
8.									
9.	Total								
10.	Column B, Line 9 divided by Column A, Line 9 multiply by 100 for percentage			Percentage Capitalized					

**II-6(b) ALLOCATION OF PAYROLL TO EXPENSE:**

Line 'Total Payroll Expenses' should equal the total from 'Expensed Payroll' (Column C, Line 9) above

Line No.	Acct. No.		Account Name	Test Year Expense	
	Water	Sewer			
1.	601.1	701.1	Employee labor		Should equal Schedule II-3, Column C, Line 5.
2.	601.2	702.2	Office salaries		Should equal Schedule II-3, Column C, Line 10.
3.	603	703	Management salaries		Should equal Schedule II-3, Column C, Line 11.
4.			Total Payroll Expenses (Add Lines 1-3)		Should equal Schedule II-6(a), Column C, Line 9.

\*Attach a brief summary of the utility's capitalization policy and explain any changes in capitalization rates of more the 5% per year.

\*\* Attach an explanation and calculation for K&M salary changes from test year.

UTILITY NAME: _____ SCHEDULES - CLASS C RATE/TARIFF CHANGE <b>II-7 EMPLOYEE PENSIONS AND BENEFITS</b> FOR THE TEST YEAR ENDED: _____
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**This page is supplemental information. It is required to complete Schedule I-1. References below refer to Schedule I-1.**

Line No.	Account No.	Account Name
13.	604	Employee pensions and benefits

**Employee pensions and benefits**

List the amount spent on Employee's pensions and benefits for the last two record periods and estimate for the Test Year. Indicate the kinds of expenses included in this account by identifying all items by category. For example, Pensions includes such items as ESOPs and IRAs. The "Other" column includes such items as dental, vision, life insurance, etc. Also include the number of employees covered and charged to account 674 and indicate the cost per employee. As applicable, provide information on any qualified pensions offered to employees and documentation, such as actuarial studies, discussing net pension costs as well as current funding status of the utility's projected benefit obligation. If the Test Year amount is higher than previous years, indicate the reason for the anticipated change:

List types of Pensions & Benefits:

Year	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
	Total Amount	Pensions	Health	Other	Amount Capitalized*

Cost per Employee:

\_\_\_\_\_

Year	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
	Total Amount	Pensions	Health	Other	Amount Capitalized*

Number of Employees covered:

\_\_\_\_\_

Cost per Employee:

\_\_\_\_\_

List types of Pensions & Benefits:

Year	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
	Total Amount	Pensions	Health	Other	Amount Capitalized*

Number of Employees covered:

\_\_\_\_\_

Cost per Employee:

\_\_\_\_\_

\*(use % on Schedule 11-6(a), line 10)



UTILITY NAME: \_\_\_\_\_  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**II-8 RATE CASE EXPENSE**  
 FOR THE TEST YEAR ENDED: \_\_\_\_\_

**INSTRUCTIONS:** List the amount spent on rate case expense. Provide the items comprising the rate case expense claim (include the actual billings or invoices in support of each kind of rate case expense) and the items comprising the actual expenses of the prior rate cases. Invoices should include number of hours billed, hourly rate, and services performed for each block of time billed, and the name of the person providing the service. Include a detailed list of travel, entertainment, meals expense included in rate case expense specifically by item with an attached invoice, and summarized by type of expense. Record Commission filing fees or fees to consultants, attorneys, etc. in formal and informal rate cases, complaints, or other dealings with the Commission, which are not reported under Professional Services. Typically, the commission allows recovery of rate case expense through a surcharge. If the applicant does not file every year, the expense must be amortized over the time between filings and only one year's worth should be charged to customers. Add additional pages if necessary.

	A	B	C	D	E
	Vendor	Posting Date	Invoice Date	Amount	Supporting documentation attachment number
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
16.					
17.					
18.					
19.					

INSTRUCTIONS SECTION III RATE BASE

UTILITY NAME: \_\_\_\_\_  
SCHEDULES - CLASS C RATE/TARIFF CHANGE  
SECTION III RATE BASE INSTRUCTIONS

**Section III provides working tables to allow the calculation of rate base and return on rate base.**

Round all cents to the nearest whole dollar. Round all percentages to two decimal places.

**Fill out the schedules as listed below.**

- 1** Complete Schedules III-3 through III-7 as they apply to your company. These tables will be used to fill out Schedule III-2.
- 2** Transfer resulting year end balances (See "References" column) to Schedule III-2.
- 3** Complete Schedule III-1

## INSTRUCTIONS SCHEDULE III-1 RETURN

UTILITY NAME: \_\_\_\_\_  
SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**SCHEDULE III-1 RATE OF RETURN INSTRUCTIONS**

Round all cents to the nearest whole dollar. Round all percentages to two decimal places.

Fill in the schedule using your financial information.

### **Determining an appropriate ROE percentage**

As part of the cost that the utility passes on to its customers, a utility's ROE must be authorized by the PUC. Other factors may be considered in establishing a ROE including, but not limited to company-specific business and financial risk factors. Return percentages should be calculated at a combined level and then applied to the rate-base amounts for water and sewer to produce the return dollars that the utility is requesting to include in the water and sewer costs of service.

Please see link below for examples of recent requests, testimonies, and Commission decisions.

[http://www.puc.texas.gov/industry/water/reports/rates/ROR\\_Report.pdf](http://www.puc.texas.gov/industry/water/reports/rates/ROR_Report.pdf)

Note: If the utility is requesting a *hypothetical* capital structure for the determination of overall rate of return, enter the requested capital-structure percentages for equity and debt in lines 4 and 5 of Column C.

UTILITY NAME: \_\_\_\_\_  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**III-1 REQUESTED RETURN**  
 FOR THE TEST YEAR ENDED: \_\_\_\_\_

**RETURN ON RATE BASE:**

Line No.		
1	Test year end rate base (from Schedule III-2, Line 14)	
2	Requested ROR ( Column F, Line 7 below)	
3	Return on rate base (Line 1 x Line 2)	

**Rate of Return:**

For col. A line 2, actual equity should equal the amount the owner has contributed to the business to finance invested capital. However, if your actual debt percentage or equity percentage is greater than 60%, then use a 50/50% claimed capital structure.

Line No.	Description	A Actual Amount	B Actual Percentage	C Claimed Percentage	D Rate	E Reference	F Weighted Average Rate
			Amount from previous column divided by Line 6, Column C	Proposed Capital Structure Percentage			$F = C \times D$
4.	Long Term Debt and Advances from associated companies from III-6, Col. E, Line 9.					From Sch. III-6, Col. H, Line 9 ←	
5.	Equity (Balance sheet plus adjustments)					Applicant testimony/ROE*	
6.	Total Capitalization Col. A line 4 plus Col. A line 5						
7.	Overall Rate of Return					Line 4 + Line 5 →	← Total Col. F, Line 7 to Line 2 above

\* Please explain the applicant's requested return on Equity on Column D line 5. Include all calculations.

COMMENTS:

UTILITY NAME: \_\_\_\_\_  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**III-2 RATE BASE SUMMARY**  
 FOR THE TEST YEAR ENDED: \_\_\_\_\_

If more than one public water system (PWS) or Wastewater System enter the total of all of the systems here.

Line No.	A Description	B Amount	C Reference (From)
	<b>Additions:</b>		
1.	Utility plant (Original Cost)		Schedule III-3, Column D, Line 32
2.	Construction work in progress		Schedule III-4, Column C, Line 5
3.	Materials and supplies		Schedule III-4, Column B, Line 3
4.	Prepayments		Schedule III-4, Column C, Line 3
5.	Working cash (capital)		Schedule III-5, Line 2, Corresponding Column for Class C or D, Water or Sewer
6.	Other Additions		Provide documentation to support
7.	<b>TOTAL ADDITIONS (Add Lines 1 through 6)</b>		
	<b>Deductions:</b>		
8.	Reserve for depreciation (Accumulated)		Schedule III-3, Column G, Line 32
9.	Advances for construction		Schedule III-7(a), Column F, Line 6
10.	Developer Contributions in aid of construction		Schedule III-7(b), Column G, Line 6
12.	Other Deductions		Add schedule
13.	<b>TOTAL DEDUCTIONS (Add lines 8 through 12)</b>		
14.	<b>RATE BASE (Line 7 less Line 13)</b>		

## INSTRUCTIONS SCHEDULE III-3 PLANT IN SERVICE

UTILITY NAME: \_\_\_\_\_

SCHEDULES - CLASS C RATE/TARIFF CHANGE

### SCHEDULE III-3 PLANT IN SERVICE INSTRUCTIONS

Round all cents to the nearest whole dollar. Round all percentages to two decimal places.

Provide a Schedule III-3 for each public water system or wastewater system and a summary Schedule III-3 for the applicant including all utility plant in service. If more room is needed, you may add lines or make a separate table. The PUC will accept your own schedules as long as it has the same information as Schedule III-3. Schedule III-3(a) (required) reconciles the utility's current plant balances to the previous case filed. The instructions are for listing only one item, and you should repeat the instructions for each item added to the table. The instructions can be used to set up your own table as long as it contains the same columns. See the "Attachments Required for Sufficiency" section above.

All the information needed to complete the table should be readily available to the utility. The information developed in this table will be used in other tables throughout the application. The instructions that follow this table will tell you where to transfer the information. The utility can include plant and equipment paid for by developer contributions in the depreciation schedule, but the utility cannot include plant and equipment paid for by customer contributions. Furthermore, when calculating the return on net invested capital, developer and customer contributions must be removed.

#### **Column [A] – NARUC Account No./Item Description**

Each asset should be listed individually in order to claim straight line depreciation. The description of each individual asset listed under its NARUC account in Column A must include the following in the description and identify its location by the public water system or subdivision for water assets and the wastewater system or subdivision for sewer, as applicable:

#### **Water NARUC Accounts**

- 303 Land
- 304 Structures: material type, function of each structure.
- 305 Storage Tanks: material type, capacity in gallons.
- 306 Intake Structures: quantity of pumps, horsepower per pump, capacity per pump in gallons per minute (gpm), wet well capacity in gallons.
- 307 Wells: design or rated capacity in gallons per minute (gpm).
- 310 Power Generation: size of generator in kW.
- 311 Well/Booster Pump: horsepower and capacity in gpm.
- 320 Water Treatment Equipment: type of treatment, design capacity in gallons per day (GPD).
- 331 Transmission/Distribution: material type, size of main in inches and length in feet.
- 333 Services: material type, size in inches and length in feet.
- 334 Meters and Meter Installations
- 335 Hydrants
- 340 Office Equipment
- 341 Vehicles
- 343 Shop Tools
- 344 Lab Equipment
- 345 Power Operated Equipment
- 348 Fencing & Other Tangible Plant

INSTRUCTIONS SCHEDULE III-3 PLANT IN SERVICE

UTILITY NAME: \_\_\_\_\_

SCHEDULES - CLASS C RATE/TARIFF CHANGE

**SCHEDULE III-3 PLANT IN SERVICE INSTRUCTIONS**

**Column [A] – NARUC Account No./Item Description (Continued)**

**Sewer NARUC Accounts**

- 353 Land
- 354 Structures: building function.
- 355 Power Generation: size of generator in kW.
- 360 Force Mains: material type, size (pipe diameter) of main in inches and length in feet.
- 361 Gravity Mains: material type, size (pipe diameter) of main in inches and length in feet.
- 362 Filtration Equipment: type.
- 363 Services to Customers
- 364 Flow Meters: size in inches.
- 370 Manholes: type and quantity
- 371 Lift Station facility: quantity of pumps, horsepower per pump, capacity per pump in gallons per minute (gpm), wet well capacity in gallons.
- 375 Transmission/Distribution Mains
- 380 Treatment facility: type of treatment, design capacity in gallons per day (GPD).
- 381 Plant Sewers
- 382 Outfall Sewer Lines
- 390 Office Equipment
- 391 Vehicles
- 393 Shop Tools
- 394 Lab Equipment
- 395 Power Operated Equipment
- 396 Communication Equipment
- 397 Misc. Equipment
- 398 Fencing & Other Tangible Plant

**Column [B] – Date of Installation (MM/DD/YYYY)**

The date of installation is the date the asset was installed or constructed and operated in the provision of water or sewer service.

**Column [C] – Service Life (Years)**

**Column [D.1] – Original Cost when installed (\$)**

This is the amount that was paid for when the asset was installed. The original cost must be supported by invoices or receipts and must match the amount that was booked in the utility's general ledger when the asset was installed.

**Column [D.2] – Customer Contributions in Aid of Construction (CIAC)(\$)**

**Column [D] – Adjusted Original Cost Net of Customer CIAC (\$)**

This amount is calculated by subtracting the dollar amount of CIAC (Column D.2) from the asset's original cost (Column D.1)

INSTRUCTIONS SCHEDULE III-3 PLANT IN SERVICE

UTILITY NAME: \_\_\_\_\_

SCHEDULES - CLASS C RATE/TARIFF CHANGE

**SCHEDULE III-3 PLANT IN SERVICE INSTRUCTIONS**

**Column [E] – Economic Life (Number of Days)**

Calculate the total number of days the asset has been in service since the date the asset was installed or constructed and operated in the provision of water or sewer service.

**Column [F] – Annual Depreciation Expense (\$)**

This amount is calculated by dividing the Original Cost when installed (Column D.1) by the asset's Service Life (Column C)

**Column [G] – Accumulated Depreciation (\$)**

This amount is calculated by multiplying the Annual Depreciation (Column F) by the Economic Life (Column E) and dividing the result by 365.25 days.

**Column [H] – Net Book Value or Net Plant (\$)**

This is the amount of the item remaining that has not been depreciated and is calculated by subtracting the Accumulated Depreciation (Column G) from the Adjusted Original Cost net of Customer CIAC (Column D).



UTILITY NAME: \_\_\_\_\_

FOR THE TEST YEAR ENDED: \_\_\_\_\_

PWS ID or WQ Discharge Permit Number: \_\_\_\_\_

SCHEDULES - CLASS C RATE/TARIFF CHANGE

**III-3 UTILITY PLANT - ORIGINAL COST & DEPRECIATION**

(Provide a schedule for each PWS or Wastewater system)  
Add schedules as needed, provide a summary also

Line No.	[A.1]		[A.2]	[B]	[C]	[D.1]	[D.2]	[D]	[E.1]	[E.2]	[F]	[G]	[H]	[I]
	NARUC Acct. No.		Plant Location	Date of Installation (MM/DD/YYYY)	Service Life (Yrs)	Original Cost When Installed (\$)	Customer CIAC Amount* (\$)	Adjusted Original Cost (\$)	Economic Life (Total Days In Service)	Remaining Service Life (Yrs)	Annual Depreciation (\$)	Accumulated Depreciation (Reserve) (\$)	Net Book Value (\$)	Developer Contributions in Aid of Construction (DCIAC) (\$)
	Water	Sewer												
1.	303	353												
1.01														
1.02														
1.03														
2.	304	354												
2.01														
2.02														
2.03														
3.	310	355												
3.01														
3.02														
3.03														
4.	331	375												
4.01														
4.02														
4.03														
5.	333	363												
5.01														
5.02														
5.03														

UTILITY NAME: \_\_\_\_\_

FOR THE TEST YEAR ENDED: \_\_\_\_\_

PWS ID or WQ Discharge Permit Number: \_\_\_\_\_

SCHEDULES - CLASS C RATE/TARIFF CHANGE

III-3 UTILITY PLANT - ORIGINAL COST & DEPRECIATION

(Provide a schedule for each PWS or Wastewater system)  
Add schedules as needed, provide a summary also

Line No.	[A.1]		[A.2]	[B]	[C]	[D.1]	[D.2]	[D]	[E.1]	[E.2]	[F]	[G]	[H]	[I]
	NARUC Acct. No.		Plant Location	Date of Installation (MM/DD/YYYY)	Service Life (Yrs)	Original Cost When Installed (\$)	Customer CIAC Amount* (\$)	Adjusted Original Cost (\$)	Economic Life (Total Days In Service)	Remaining Service Life (Yrs)	Annual Depreciation (\$)	Accumulated Depreciation (Reserve) (\$)	Net Book Value (\$)	Developer Contributions in Aid of Construction (DCIAC) (\$)
	Water	Sewer												
6.	340	390												
6.01														
6.02														
6.03														
7.	341	391												
7.01														
7.02														
7.03														
8.	343	393												
8.01														
8.02														
8.03														
9.	344	394												
9.01														
9.02														
9.03														
10.	345	395												
10.01														
10.02														
10.03														
11.	348	398												
11.01														
11.02														
11.03														
12.	305													
12.01														
12.02														
12.03														

UTILITY NAME: \_\_\_\_\_

FOR THE TEST YEAR ENDED: \_\_\_\_\_

PWS ID or WQ Discharge Permit Number: \_\_\_\_\_

SCHEDULES - CLASS C RATE/TARIFF CHANGE

III-3 UTILITY PLANT - ORIGINAL COST & DEPRECIATION

(Provide a schedule for each PWS or Wastewater system)  
Add schedules as needed, provide a summary also

Line No.	[A.1]		[A.2]	[B]	[C]	[D.1]	[D.2]	[D]	[E.1]	[E.2]	[F]	[G]	[H]	[I]
	NARUC Acct. No.	Item Description	Plant Location	Date of Installation (MM/DD/YYYY)	Service Life (Yrs)	Original Cost When Installed (\$)	Customer CIAC Amount* (\$)	Adjusted Original Cost (\$)	Economic Life (Total Days In Service)	Remaining Service Life (Yrs)	Annual Depreciation (\$)	Accumulated Depreciation (Reserve) (\$)	Net Book Value (\$)	Developer Contributions in Aid of Construction (DCIAC) (\$)
	Water	Sewer						[D] = [D.1] - [D.2]	[Test Year End Date] [Date of Installation]	[Service Life] - [Economic Life/365.25]	[F] = [D]/[C]	[G] = ([F]*[E.1])/365.25	[H] = [D]-[G]	
13	306													
13.01														
13.02														
13.03														
14	307													
14.01														
14.02														
14.03														
15	311													
15.01														
15.02														
15.03														
16	311													
16.01														
16.02														
16.03														
17	311													
17.01														
17.02														
17.03														
18	311													
18.01														
18.02														
18.03														
19	320	380												
19.01														
19.02														
19.03														

UTILITY NAME: \_\_\_\_\_

FOR THE TEST YEAR ENDED: \_\_\_\_\_

PWS ID or WQ Discharge Permit Number: \_\_\_\_\_

SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**III-3 UTILITY PLANT - ORIGINAL COST & DEPRECIATION**

(Provide a schedule for each PWS or Wastewater system)  
 Add schedules as needed, provide a summary also

Line No.	[A.1]		[A.2]	[B]	[C]	[D.1]	[D.2]	[D]	[E.1]	[E.2]	[F]	[G]	[H]	[I]
	NARUC Acct. No.		Plant Location	Date of Installation (MM/DD/YYYY)	Service Life (Yrs)	Original Cost When Installed (\$)	Customer CIAC Amount* (\$)	Adjusted Original Cost (\$)	Economic Life (Total Days In Service)	Remaining Service Life (Yrs)	Annual Depreciation (\$)	Accumulated Depreciation (Reserve) (\$)	Net Book Value (\$)	Developer Contributions in Aid of Construction (DCIAC) (\$)
	Water	Sewer												
		Item Description						[D] = [D.1] - [D.2]	[Test Year End Date] [Date of Installation]	[Service Life] - [Economic Life/365.25]	[F] = [D]/[C]	[G] = ([F]*[E.1])/365.25	[H] = [D]-[G]	
20.	334	Meters and Meter Installations												
20.01														
20.02														
20.03														
21.	335	Hydrants												
21.01														
21.02														
21.03														
22.	360	Collection Sewers - Force												
22.01														
22.02														
22.03														
23.	361	Collection Sewers - Gravity												
23.01														
23.02														
23.03														
24.	362	Clarifier & Media												
24.01														
24.02														
24.03														
25.	364	Flow Meters												
25.01														
25.02														
25.03														
26.	370	Manholes / Receiving Wells												
26.01														
26.02														
26.03														

UTILITY NAME: \_\_\_\_\_

FOR THE TEST YEAR ENDED: \_\_\_\_\_

PWS ID or WQ Discharge Permit Number: \_\_\_\_\_

SCHEDULES - CLASS C RATE/TARIFF CHANGE

III-3 UTILITY PLANT - ORIGINAL COST & DEPRECIATION

(Provide a schedule for each PWS or Wastewater system)  
Add schedules as needed, provide a summary also

Line No.	[A.1]		[A.2]	[B]	[C]	[D.1]	[D.2]	[D]	[E.1]	[E.2]	[F]	[G]	[H]	[I]
	NARUC Acct. No.		Plant Location	Date of Installation (MM/DD/YYYY)	Service Life (Yrs)	Original Cost When Installed (\$)	Customer CIAC Amount* (\$)	Adjusted Original Cost (\$)	Economic Life (Total Days In Service)	Remaining Service Life (Yrs)	Annual Depreciation (\$)	Accumulated Depreciation (Reserve) (\$)	Net Book Value (\$)	Developer Contributions in Aid of Construction (DCIAC) (\$)
	Water	Sewer												
27.		371												
	<b>Lift Station Pumps</b>													
27.01														
27.02														
27.03														
28.		381												
	<b>Plant Sewers</b>													
28.01														
28.02														
28.03														
29.		382												
	<b>Outfall Sewer Lines</b>													
29.01														
29.02														
29.03														
30.		396												
	<b>Communication Equipment</b>													
30.01														
30.02														
30.03														
31.		397												
	<b>Misc. Equipment</b>													
31.01														
31.02														
31.03														
32														
	<b>Subtotal (Items 1 - 31)</b>													

\*Any amount incurred by the utility's customers will be deducted from the original cost. The adjusted original cost (Original Cost - Customer CIAC), column D, will be depreciated and the net book value will be calculated in column H. Any item whose original cost was paid for entirely by the customer(s) will equate to zero.

SCHEDULE III-3(a) UTILITY PLANT IN SERVICE - RECONCILIATION

UTILITY NAME: _____ SCHEDULES - CLASS C RATE/TARIFF CHANGE <b>III-3(a) UTILITY PLANT IN SERVICE-RECONCILIATION TO PRIOR CASE</b> FOR TEST YEAR ENDED: _____
--

ORIGINAL COST DATA

A	B	C	D
Line No.	Description	Amount	Amount
1.	Beginning Gross Plant balance - (from previous rate case)	Must match previous rate case	\$
2.	Plant additions after previous rate case		
3.		\$	
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.	Total additions (add lines 3 through 10, Col C)		
	Test year plant retirements after previous rate case:		
12.		\$	
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.	Total retirements (add line 12 through 19, Col C)		\$
21.	Ending balance (line 1 + line 11 - line 20)	Equals III-3, Column D, line 32	\$

Please provide a full explanation of any adjustments to accounts from the prior period.

UTILITY NAME: _____ SCHEDULES - CLASS C RATE/TARIFF CHANGE <b>III-3(b) ACCUMULATED DEPRECIATION FROM PRIOR RATE CASE</b> FOR THE TEST YEAR ENDED:
--

ACCUMULATED DEPRECIATION:

Line No.	Description	Dollar Amount
1.	Ending-Prior Rate Case (Docket No. _____)	
2	Ending balance per Sch III-3, Column G, Line 32	
	Describe accounting adjustments made between the prior rate case and the current rate case:	

Must match previous rate case.

UTILITY NAME: _____ SCHEDULES - CLASS C RATE/TARIFF CHANGE <b>III-4 AVERAGE CONSTRUCTION WORK IN PROGRESS,                  MATERIALS &amp; SUPPLIES INVENTORY &amp; PREPAYMENTS</b>  FOR THE TEST YEAR ENDED: _____
--

Complete if the utility maintains these accounts. **Do not include this amount in your rate base unless the utility provides testimony meeting the requirements of PUC Subst. Rule § 24.41(c)(4).**

**III-4(a) AVERAGE CONSTRUCTION WORK IN PROGRESS**

A	B	C
Line No.	Description	Test Year Amount
1.	Beginning balance	
2.	Test year costs added	
3.	Test year construction costs completed	
4.	Ending balance	
5.	Average balance - test year (line 1 plus line 4, divided by 2)	

Typically zero, to Schedule III-2, Line 2

**III-4(b) MATERIALS & SUPPLIES / PREPAID EXPENSES**

Include the un-expensed or capitalized portion of materials and supplies on your balance sheet. Prepayments include amounts, such as annual insurance, that the utility has prepaid, such as a discount. Prepayments must be reasonable.

	A	B	C
		Materials & Supplies inventory	Prepaid Expenses
1.	Sum of 12 test year month end balances		
2.	One month prior to the test year, month end balance		
3.	13 Month Average balance (line 6 plus line 7, divided by 13)		

To III-2, Line 3.

To III-2, Line 4.



UTILITY NAME: _____ SCHEDULES FOR CLASS C RATE/TARIFF CHANGE <b>III-5 WORKING CASH ALLOWANCE CALCULATIONS</b> FOR THE TEST YEAR ENDED: _____
---

For Class C Utilities, one-twelfth of O&M expense (excluding amounts charged to O&M expense for materials, supplies, expenses recovered through a pass-through provision or through charges other than base rate and gallonage charges, and prepayments) will be considered a reasonable allowance for cash working capital. For purposes of working capital calculations, O&M expense does not include depreciation, other taxes, or federal income taxes.

1. No working cash allowance is permitted when a utility bills its customers in advance and provides service to flat rate customers only. Sewer connections count for the purposes of this schedule.
2. A utility which has all metered customers and bills monthly shall divide its annual Operating and Maintenance (O&M) expenses (excluding all taxes and depreciation) by 12 if it is a Class C utility, or by 8 if it is a Class D utility filing a Class C package to calculate working cash allowance. An example follows:

	Class C	Class D
1. Annual Expenses	\$70,000	\$70,000
2. Taxes and depreciation	(10,000)	(10,000)
3. Net Expenses (Line 1 - Line 2)	60,000	60,000
4. Working Cash (Line 3 / line 5)	\$5,000	\$7,500
5. Divisor	12	8

A Line No	B Description	Water	Sewer	Water	Sewer
		Class C		Class D	
1	Annual O & M Expenses				
2	Working Cash (Line 1 / Line 3)				
3	Divisor	12	12	8	8

From Sch I-1, line 24

To Sch III-2, line 5

## INSTRUCTIONS SCHEDULE III-6 DEBT

UTILITY NAME: \_\_\_\_\_

SCHEDULES - CLASS C RATE/TARIFF CHANGE

### **SCHEDULE III-6 NOTES PAYABLE (LONG TERM DEBT) & EQUITY INFORMATION INSTRUCTIONS**

Enter the water and sewer combined debt and equity information in both water and sewer tables. The calculated rate of return should be the same for water and sewer, and should be based on combined water and sewer information. The utility's debt and equity for return purposes relate to water and sewer system assets only and should not include short term debt unless it is used to finance system assets. Do not include personal debt.

Where a utility is part of an affiliated interest or organization, the commission may consider and apply a hypothetical capital structure for the utility.

For each loan enter the following information:

**Column [A] - Name of lender/bank.**

**Column [B] - Date of issue** - enter the date that you actually took out the loan.

**Column [C] - Date of maturity** - enter the date that the loan will be paid off.

**Column [D] - Original amount of loan** - enter how much you originally borrowed.

**Column [E] - Balance due at the end of the test year**, even though the application may be filed at a date later than the end of the test year.

**Column [F] - Interest Rate** - enter the interest rate that your bank/lender is charging you for each of the loans

**Column [G] - Weighted Average** - calculate by multiplying the Outstanding or Unpaid Balance-End of Test Year times the interest rate

If a utility company's debt has been allocated from an affiliated entity, the allocation factors and the methodology used to allocate the debt must be provided.

UTILITY NAME: \_\_\_\_\_  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**III-6 LONG TERM DEBT/ NOTES PAYABLE – WATER AND SEWER**  
 FOR THE YEAR ENDED:

List the following information concerning debt and equity of the utility and attach copies of notes payable used. Round all percentages to two (2) decimal places. If debt from affiliated interests is allocated to the utility, provide workpapers demonstrating and justifying the allocation.

	A	B	C	D	E	F	G
	Long Term Debt Name of Bank/Lender	Date of Issue	Date of Maturity	Original Amount of Loan	Outstanding or Unpaid Balance-End of Test Year	Interest Rate	Weighted Average [G=Column E x Column F]
1							
2							
3							
4							
5							
6							
7							
8							
9	Total						

Column G To Sch.  
 III-1, Column F, Line  
 7

List short term debt, if any:

INSTRUCTIONS SCHEDULE III-7 CONTRIBUTIONS IN AID OF CONSTRUCTION AND  
ADVANCES

UTILITY NAME: \_\_\_\_\_  
SCHEDULES - CLASS C RATE/TARIFF CHANGE

**SCHEDULE III-7 CONTRIBUTIONS IN AID OF CONSTRUCTION AND ADVANCES INSTRUCTIONS**

If any of the items included in utility plant and equipment were 100% financed with customer contributions, assessments, surcharges, extension fees, etc., the utility may not include depreciation or return on those items in the revenue requirement, and the utility should not include them in **Table III**. However, if those customer contributions did **not** cover the entire cost of the asset, the utility may include the excess amount that the utility paid for. Please list below all items that were funded either all or in part by customer contributions and indicate the amount that the customers contributed for each item.

**Column [A]** - List all of the items of plant and equipment that were funded all or in part by Customer Contributions (e.g., meters paid for by tap fee, line extension paid for by customer).

**Column [B]** - List the date each specific item was placed in service.

**Column [C]** - Enter the total cost of each item (regardless of how much was paid for by customers contributions and/or the utility).

**Column [D]** - Enter the amount of each item that was paid for with customer contributions. In most cases, this will be the same as the number in Column [C]. However, it is possible that the item may cost more or less than the customer contribution amount.

**Column [E]** - Subtract the amount in Column [D] from the amount in Column [C] and enter the result here. If the amount in this column is greater than zero for any specific item, enter those items in the appropriate category in Table III. B.

List any items of plant or equipment that you listed in Schedule **III-3** that were paid for all or in part by developer contributions. If only paid for in part by developer contributions, enter only the part that was funded by developer contributions. Enter the total Net Book Value from this table in Schedule **III-2**. If you have none, be sure to enter "N/A" on any line in the table.

UTILITY NAME:  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**III-7 ADVANCES FOR CONSTRUCTION AND CONTRIBUTIONS IN AID OF CONSTRUCTION**  
 FOR THE TEST YEAR ENDED:

**III-7(a) ADVANCES FOR CONSTRUCTION**

	A	B	C	D	E	F	G
Line No.	Item	Date of Installation	Total Cost	Amount of Advance	Repayments made to developer	(F)=(D)-(E) Rate base Value (to Sch III-2, Line 9)	Amount to be refunded in the future*
1.							
2.							
3.							
4.							
5.							
6.	Total						

\*If any advances or CIAC from developers or customers are refundable, please provide the potential date of refunding, if known.

**III-7(b) DEVELOPER CONTRIBUTIONS IN AID OF CONSTRUCTION\***

	A	B	C	D	E	F	G
Line No.	Item	Date of Installation or Contribution	Total Cost	Amount of Developer Contribution	Annual amortization	Accumulated Amortization	(G)=(D) - (F) Rate Base Value (to Sch III-2, Line 10)
1.							
2.							
3.							
4.							
5.							
6.	Total						

\*Customer CIAC is entered directly on III-3

## INSTRUCTIONS SECTION IV OTHER TAX

UTILITY NAME: \_\_\_\_\_

SCHEDULES - CLASS C RATE/TARIFF CHANGE

Section IV is used to report taxes other than income for proposed revenues.

### **Instructions for Section IV**

Follow the instructions included with individual schedules under the heading reference.

#### **SECTION IV: TAXES OTHER THAN INCOME**

##### **Schedule IV(a)(2)**

Complete for property and payroll taxes. The schedule allows for calculations if the utility proposes known and measurable changes to payroll taxes and property taxes. Use your test year property tax bills for the known and measurable calculation. Use wages expense for the adjusted total payroll in the test year to complete this schedule. If wages were capitalized, payroll taxes should be allocated between expense and capital costs in the same ratio as payroll was allocated. Attach a schedule showing the allocation calculations.

##### **Schedule IV(b)**

Revenue related taxes and expenses are those that change as the gross revenue of the utility changes. Examples are Texas franchise tax and bad debt expense. This schedule allows the "gross up" of these expenses. Obtain copies of the utility's franchise tax report to complete this schedule.

UTILITY NAME: \_\_\_\_\_  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**IV(a) ESTIMATE OF TAXES OTHER THAN INCOME**  
 FOR THE TEST YEAR ENDED: \_\_\_\_\_

**IV(a)(1) PROPERTY TAXES**

A	B	C	D	E
Line No.	Description	Plant Additions	Property Taxes	Reference
1	Utility plant added in test year			Schedule III-3(a), Column D, Line 11
2	Utility plant retirements in test year			Schedule III-3(a), Column D, Line 20
3	Net additions			Line 1 minus line 2
4	Property taxes paid in in test year			per property tax bills
5	Beginning Gross Plant balance			Schedule III-3(a), Column D, Line 1
6	Net Property tax rate			Line 4 divided by Line 5 times 100
7	Test year property tax on additions (Known and measurable change)			Line 3 times Line 6
8	Adjusted Test year property tax expense			Line 4 plus Line 7

**IV(a)(2) PAYROLL TAXES (BASED ON ADJUSTED TEST YEAR NUMBERS)**

A	B	C	D	E	F	G
Line No.	Tax Type	Wage Level	Tax Rate	Taxable Wages	Reference	Tax
					SCHEDULE II-6	(D x E)
9	FICA	wages to _____	%		Column D+E+F Line 9	
10	Medicare	wages to _____	%		Column H Line 9	
11	Added Medicare (Affordable Care Act)	wages to _____	%			
12	Federal unemployment	wages to _____	%		Column D Line 9	
13	State unemployment	wages to _____	%		Column D+E Line 9	
14	Total (add Lines 11 through 14)					
15	Less: Capitalized	Use % on Sch II-6(a), line 10	%			
16	Test year Payroll Tax Expense	Line 13 less 14				
17	Known and measurable change				(Line 13 minus Line 14)	

**IV(a)(3) OTHER TAXES:**

A	I	J	K	L
Line No.	Description	Test year	K & M change	Adjusted Test Year
18	Other taxes & licenses			
19				
20				
21	Total Other Taxes (Line 18 + Line 19 + Line 20)			
22	Total this page - taxes other than income (Line 8) + (Col G, Line 16) + (Col L, Line 21)			
23	Sch IV(a), Total known and measurable change (Line 7 plus line 17, Column G plus line 21, Column K)			

UTILITY NAME: \_\_\_\_\_  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**IV(b) REVENUE RELATED TAXES AND EXPENSES**

FOR THE TEST YEAR ENDED: \_\_\_\_\_

	A	B	C	D	E	F=B+C+D+E
Line No.		Texas Margins Tax	City Franchise Taxes	Bad Debt Expense	Other Revenue Related	Totals
1	Test year expense					
2	Test year effective rate (test year tax expense/historic test year revenues-Sch I-1)					
3	Gross up factor (1.0 divided by (1.0 minus Line 2))					
4	Change in revenue requirement (Sch I-1, line 33)					
5	Adjusted revenue requirement (Line 3 x Line 4)					
6	Adjusted expense (Line 3 times Line 4)					
7	Add Schedule IV(a) , Line 20					
8	Total taxes other than FIT (to Sch I-1, Col F, Line 26)					

Example: Test Year Franchise tax	\$	100
Test Year revenues:	\$	2,000
Percentage (100/2000):		0.050
Gross up factor (1/(1-0.05))		1.052631579



UTILITY NAME: _____ SCHEDULES - CLASS C RATE/TARIFF CHANGE <b>V SCHEDULE OF EFFECTIVE FEDERAL TAX RATE</b> FOR THE TEST YEAR ENDED: _____
--

Section V calculated federal income tax at present rates.

PUCT allows utilities to include normalized federal income tax in the cost of service. The federal income tax calculation is based on the utility's return dollars. The schedule includes a "gross up of taxes to allow for the cost of service to include changes in taxes due to the changes in proposed revenues.

A	B	C	D
Line		Amount	Reference
1	Requested Return		Schedule III-1, Line 3
2	Less: Synchronized Interest		Schedule III-1, Column F, Line 4 x Schedule III-2, Column B, Line 14
3	Requested taxable return		Line 1 minus Line 2
4	Corp Tax Rate	21%	
5	Tax Factor	1.265822785	1.0 divided by (1.0 minus Corp. Tax Rate)*Corp. Tax Rate = (1/(1-0.21))*0.21)
6	Grossed up federal income tax		Line 3 times line 5

To Sch I-1, Line 27

## INSTRUCTIONS SECTION VI RATE CALCULATION

UTILITY NAME: \_\_\_\_\_  
SCHEDULES - CLASS C RATE/TARIFF CHANGE

### **Instructions for Section VI**

Complete SCHEDULES per instructions found in the column headers and reference column.

For a flat rate calculation, use VI-2 Flat Rate Calc

For a fixed rate and a variable rate, use VI-1 Fixed & Variable Alloc and

For a single tier variable rate, use VI-3 1 Tier Gallonage Rate Calc

For a multi-tier variable rate, use VI-4 Multi-Tier Rate Calc

For surcharges, use VI-5 Surcharge Calc

UTILITY NAME: \_\_\_\_\_  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**VI-1 FIXED & VARIABLE ALLOCATION FOR RATE DESIGN**  
 FOR THE TEST YEAR ENDED: \_\_\_\_\_

Line No.	Acct. No.		Account Name	A	B	C	D	E
	Water	Sewer		Adjusted Test Year Expenses (From Schedule I-1)	Fixed % of Col. A (Adjust each row or adjust line 28 for overall percentage for Fixed Expenses)	Fixed Expenses  C = A x B	Variable Expenses  D = A - C	Reference
1.	610	710	Purchased water/sewer treatment					Schedule I-1, Column F, Line 1
2.		711	Sludge Removal Expense					Schedule I-1, Column F, Line 2
3.	615.1	715.1	Power Expense-production only					Schedule I-1, Column F, Line 3
4.	618	718	Chemicals and other volume related expenses					Schedule I-1, Column F, Line 4
5.	601.1	701.1	Employee labor					Schedule I-1, Column F, Line 5
6.	620	720	Materials and Supplies					Schedule I-1, Column F, Line 6
7.	631-636	731-736	Contract work					Schedule I-1, Column F, Line 7
8.	650	750	Transportation expenses					Schedule I-1, Column F, Line 8
9.	664	764	Other plant maintenance					Schedule I-1, Column F, Line 9
10.	601.2	702.2	Office salaries					Schedule I-1, Column F, Line 10
11.	603	703	Mgmt. salaries					Schedule I-1, Column F, Line 11
12.	604	704	Employee pensions & benefits					Schedule I-1, Column F, Line 12
13.	615.2	715.2	Purchased power-Office only					Schedule I-1, Column F, Line 13
14.	670	770	Bad debt expense					Schedule I-1, Column F, Line 14
15.	676	776	Office services & rentals					Schedule I-1, Column F, Line 15
16.	677	777	Office supplies & expenses					Schedule I-1, Column F, Line 16
17.	678	778	Professional services					Schedule I-1, Column F, Line 17
18.	684	756-759	Insurance					Schedule I-1, Column F, Line 18
19.	667	767	Regulatory expense (other)					Schedule I-1, Column F, Line 19
20.	675	775	Miscellaneous expenses					Schedule I-1, Column F, Line 20
21.	403		Depreciation					Schedule I-1, Column F, Line 22
22.	408		Taxes Other Than Income					Schedule I-1, Column F, Line 23
23.	409/410		Income Tax Expense					Schedule I-1, Column F, Line 24
24.			<b>TOTAL EXPENSES</b>					Add Lines 1-23
25.			REQUESTED RETURN					Schedule I-1, Column F, Line 28
26.			<b>TOTAL REVENUE REQUIREMENT</b>					Line 24 plus Line 25
27.			LESS: OTHER REVENUES					Schedule I-1, Column F, Line 30
28.			<b>REVENUE for RATE DESIGN</b>					Line 26 less Line 27 (if line 27 is negative, add the two lines)

UTILITY NAME: _____ SCHEDULES - CLASS C RATE/TARIFF CHANGE <b>VI-2 Flat Rate Calculation</b> FOR THE TEST YEAR ENDED: _____
--

	A	B	C
Line No.	Description	Reference	Amount
1.	Expenses	Schedule VI-1, Column C, Line 28	
2.	Connection Count	Schedule I-3(b), Column E, Line 5	
3.	Billing Cycles per Year		12
4.	<b>Flat Rate (Line 1/Line 2/Line 3)</b>		

UTILITY NAME: \_\_\_\_\_  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**VI-3 Rate Calculation for Single Tier Gallonage Charge for All Usage**  
 FOR THE TEST YEAR ENDED: \_\_\_\_\_

	A	B	C
<b>Line No.</b>	<b>Description</b>	<b>Reference</b>	<b>Amount</b>
1.	Fixed Expenses	Schedule VI-1, Column C, Line 28	
2.	Test Year End Meter Equivalencies	Schedule I-3(a), Column H, Line 9	
3.	Billing Cycles per Year		
4.	<b>Base Rate (Line 1/Line 2/Line 3)</b>		
<b>Line No.</b>	<b>Description</b>	<b>Reference</b>	<b>Amount</b>
5.	Variable Expenses	Schedule VI-1, Column D, Line 28	
6.	Total Test Year Gallons Billed	Schedule II-1(a), Column C, Line 4	
7.	<b>Volumetric Rate (Charge per 1,000 gallons) (Line 5/Line 6)</b>		

UTILITY NAME: \_\_\_\_\_  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**VI-4 Multi-Tiered Rate Calculation**  
 FOR THE TEST YEAR ENDED: \_\_\_\_\_

	A	B	C
Line No.	Description	Reference	Amount
1.	Fixed Expenses	Schedule VI-1, Column C, Line 28	
2.	Test Year End Meter Equivalencies	Schedule I-3(a), Column H, Line 9	
3.	Billing Cycles per Year		
<b>4.</b>	<b>Base Rate (Line 1/Line 2/Line 3)</b>		

	A	B	C	D
Multi-Tiered Rates				
Line No.	Gallage Tier (Gallons)	Revenue (\$)	Gallons Billed (Gallons)	Rate per 1,000 Gallons
5.	Variable Expenses	VI-1, Col. D, Line 28	Must be provided by Utility	
	<i>Example: 0-3,000</i>			
	<i>3,001-5,000 +</i>			
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.	<b>Volumetric Rate (Charge per 1,000 gallons)</b>			

UTILITY NAME: _____ SCHEDULES - CLASS C RATE/TARIFF CHANGE <b>VI-5 Surcharge Calculation</b> FOR THE TEST YEAR ENDED: _____
--

**VI-5(a): FLAT RATE SURCHARGE CALCULATION**

	A	B	C
Line No.	Description	Reference	Amount
1.	Rate Case Expense or Other Surcharged Expense	Schedule II-8, Column D, Line 19	
2.	Connection Count	Schedule I-3(a), Column E, Line 9 + Schedule I-3(b), Column E, Line 5	
3.	Enter the number of months for surcharge to be collected (example: 1 year = 12 months, 2 years = 24 months, etc.)		
4.	<b>Surcharge Calculation (Line 1/Line 2/Line 3)</b>		

**VI-5(b): METER EQUIVALENTS SURCHARGE CALCULATION**

	A	B	C
Line No.	Description	Reference	Amount
1.	Rate Case Expense or Other Surcharged Expense	Schedule II-8, Column D, Line 19	
2.	Connection Count	Schedule I-3(a), Column H, Line 9	
3.	Enter the number of months for surcharge to be collected (example: 1 year = 12 months, 2 years = 24 months, etc.)		
4.	<b>Surcharge Calculation (Line 1/Line 2/Line 3)</b>		

INSTRUCTIONS SECTION VII RATES REVENUE FOR NOTICE

UTILITY NAME: \_\_\_\_\_  
SCHEDULES - CLASS C RATE/TARIFF CHANGE

**Instructions for Section VII**

Complete schedules per instructions found in the reference column.

Use schedules in this section to calculate the proposed rates and total revenue to include in notice to customers. Only use the needed schedule depending on which schedule rates were calculated with.

For **VI-2 Flat Rate Calc** use **VII-1 Revenue Flat Rate**.

For **VI-3 1 Tier Gallonage Rate Calc** use **VII-2 Revenue Generated 1 Tier**.

For **VI-4 Multi-Tier Rate Calc** use **VII-3 Revenue Gen Multi-Tier**.

For **VI-5(a) Flat Rate Surcharge Calc** use **VII-4(a) Revenue Generated for Flat Rate Surcharge**.

For **VI-5(b) Meter Equivalents Surcharge Calc** use **VII-4(b) Revenue Generated for Meter Equivalents Surcharge**.



UTILITY NAME: \_\_\_\_\_

SCHEDULES - CLASS C RATE/TARIFF CHANGE

**VII-1 Revenue Generated for Flat Rate**

FOR THE TEST YEAR ENDED: \_\_\_\_\_

	A	B	C	D	E
Line No.		Existing Rates	Proposed Rates	Reference (unless otherwise noted reference is for both Column C & D)	Items to Notice
1.	Rate for a Flat Rate Unit			Column D, Line 1 = Schedule VI-2, Column C, Line 4	Column C & D
2.	No. of Meters			Schedule I-3(b), Column E, Line 5	
3.	<b>Total Revenue Generated</b>			Line 1 multiplied by Line 2	
4.	Revenue Requirement in Application			Schedule I-1, Column F, Line 31	
5.	Over / (Under) Recovery			Line 4 minus Line 3	Column C
6.	Percentage of (Under) Recovery			Line 5 divided by Line 4 multiplied by 100 for percentage. If entering in excel do not multiply by 100, enter number as a decimal.	Column C

UTILITY NAME: \_\_\_\_\_  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**VII-2 Revenue Generated for Single Tier Gallonage Charge for All Usage**  
 FOR THE TEST YEAR ENDED: \_\_\_\_\_

Line No.	A	B Meter Ratios	C Existing Rates	D Proposed Rates	E Reference (unless otherwise noted reference is for both Column C & D)	F Items to Notice
<b>RATES</b>						
<b>Base Rate</b>						
1.	5/8" x 3/4"	1.0			Column D, Line 1 = Schedule VI-3, Column C, Line 4	Column C & D
2.	3/4"	1.5			Column D, Line 2 = Column D, Line 1 multiplied by Column B, Line 2	Column C & D
3.	1"	2.5			Column D, Line 3 = Column D, Line 1 multiplied by Column B, Line 3	Column C & D
4.	1 1/2"	5.0			Column D, Line 4 = Column D, Line 1 multiplied by Column B, Line 4	Column C & D
5.	2"	8.0			Column D, Line 5 = Column D, Line 1 multiplied by Column B, Line 5	Column C & D
6.	3"	15.0			Column D, Line 6 = Column D, Line 1 multiplied by Column B, Line 6	Column C & D
7.	Other				Must be provided by Utility, if applicable	Column C & D
<b>Volumetric Charge per tier</b>						
8.	All Usage				Column D, Line 8 = Schedule VI-3, Column C, Line 7	Column C & D
<b>No. of Meters</b>						
9.	5/8" x 3/4"				Schedule I-3(a), Column E, Line 1	
10.	3/4"				Schedule I-3(a), Column E, Line 2	
11.	1"				Schedule I-3(a), Column E, Line 3	
12.	1 1/2"				Schedule I-3(a), Column E, Line 4	
13.	2"				Schedule I-3(a), Column E, Line 5	
14.	3"				Schedule I-3(a), Column E, Line 6	
15.	Other				Schedule I-3(a), Column E, Line 7	
16.	<b>Total</b>				Add Lines 9-15	
<b>Gallons Billed</b>						
17.	All Usage				Schedule II-1(a), Column C, Line 4	
<b>REVENUE</b>						
<b>Base Rate</b>						
18.	5/8" x 3/4"				Line 1 multiplied by Line 9 multiplied by 12	
19.	3/4"				Line 2 multiplied by Line 10 multiplied by 12	
20.	1"				Line 3 multiplied by Line 11 multiplied by 12	
21.	1 1/2"				Line 4 multiplied by Line 12 multiplied by 12	
22.	2"				Line 5 multiplied by Line 13 multiplied by 12	
23.	3"				Line 6 multiplied by Line 14 multiplied by 12	
24.	Other				Line 7 multiplied by Line 15 multiplied by 12	
25.	<b>Total revenue generated by base rates</b>				Add Lines 18-24	
<b>Volumetric Revenue</b>						
26.	<b>Total revenue generated by Volumetric Usage</b>				Line 8 multiplied by Line 17	
27.	<b>Total Revenue Generated</b>				Line 25 plus Line 26	
28.	Revenue Requirement in Application				Schedule I-1, Column F, Line 31	
29.	Over / (Under) Recovery				Line 28 minus Line 27	Column C
30.	Percentage of (Under) Recovery				Line 29 divided by Line 28 multiplied by 100 for percentage. If entering in excel do not multiply by 100, enter number as a decimal.	Column C

UTILITY NAME: \_\_\_\_\_  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**VII-3 Revenue Generated for Multi-Tier Gallonage Charges**  
 FOR THE TEST YEAR ENDED: \_\_\_\_\_

	A	B	C	D	E	F
Line No.		Meter Ratios	Existing Rates	Proposed Rates	Reference (unless otherwise noted reference is for both Column C & D)	Items to Notice
	<b>RATES</b>					
	<b>Base Rate</b>					
1.	5/8" x 3/4"	1.0			Column D, Line 1 = Schedule VI-4, Column C, Line 4	Column C & D
2.	3/4"	1.5			Column D, Line 2 = Column D, Line 1 multiplied by Column B, Line 2	Column C & D
3.	1"	2.5			Column D, Line 3 = Column D, Line 1 multiplied by Column B, Line 3	Column C & D
4.	1 1/2"	5.0			Column D, Line 4 = Column D, Line 1 multiplied by Column B, Line 4	Column C & D
5.	2"	8.0			Column D, Line 5 = Column D, Line 1 multiplied by Column B, Line 5	Column C & D
6.	3"	15.0			Column D, Line 6 = Column D, Line 1 multiplied by Column B, Line 6	Column C & D
7.	Other				Must be provided by Utility, if applicable	Column C & D
	<b>Volumetric Charge per tier</b>					
	<i>Example: 0-3,000</i>					
	<i>3,001-5,000 +</i>					
8.					Column D, Line 7 = Schedule VI-4, Column C, Line 6	Column C & D
9.					Column D, Line 8 = Schedule VI-4, Column C, Line 7	Column C & D
10.					Column D, Line 9 = Schedule VI-4, Column C, Line 8	Column C & D
11.					Column D, Line 10 = Schedule VI-4, Column C, Line 9	Column C & D
12.					Column D, Line 11 = Schedule VI-4, Column C, Line 10	Column C & D
13.					Column D, Line 12 = Schedule VI-4, Column C, Line 11	Column C & D
14.					Column D, Line 13 = Schedule VI-4, Column C, Line 12	Column C & D
15.					Column D, Line 14 = Schedule VI-4, Column C, Line 13	Column C & D
	<b>No. of Meters</b>					
16.	5/8" x 3/4"				Schedule I-3(a), Column E, Line 1	
17.	3/4"				Schedule I-3(a), Column E, Line 2	
18.	1"				Schedule I-3(a), Column E, Line 3	
19.	1 1/2"				Schedule I-3(a), Column E, Line 4	

UTILITY NAME: \_\_\_\_\_  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**VII-3 Revenue Generated for Multi-Tier Gallonage Charges**  
 FOR THE TEST YEAR ENDED: \_\_\_\_\_

	A	B	C	D	E	F
Line No.		Meter Ratios	Existing Rates	Proposed Rates	Reference (unless otherwise noted reference is for both Column C & D)	Items to Notice
20.	2"				Schedule I-3(a), Column E, Line 5	
21.	3"				Schedule I-3(a), Column E, Line 6	
22.	Other				Schedule I-3(a), Column E, Line 7	
23.	<b>Total</b>				Add Lines 16-22	
	<b>Gallons Billed</b>					
24.					Column A, C & D - Must be provided by the Utility	
25.					Column A, C & D - Must be provided by the Utility	
26.					Column A, C & D - Must be provided by the Utility	
27.					Column A, C & D - Must be provided by the Utility	
28.					Column A, C & D - Must be provided by the Utility	
29.					Column A, C & D - Must be provided by the Utility	
30.					Column A, C & D - Must be provided by the Utility	
31.					Column A, C & D - Must be provided by the Utility	
	<b>REVENUE</b>					
	<b>Base Rate</b>					
32.	5/8" x 3/4"				Line 1 multiplied by Line 16 multiplied by 12	
33.	3/4"				Line 2 multiplied by Line 17 multiplied by 12	
34.	1"				Line 3 multiplied by Line 18 multiplied by 12	
35.	1 1/2"				Line 4 multiplied by Line 19 multiplied by 12	
36.	2"				Line 5 multiplied by Line 20 multiplied by 12	
37.	3"				Line 6 multiplied by Line 21 multiplied by 12	
38.	Other				Line 7 multiplied by Line 22 multiplied by 12	

UTILITY NAME: \_\_\_\_\_  
 SCHEDULES - CLASS C RATE/TARIFF CHANGE  
**VII-3 Revenue Generated for Multi-Tier Gallonage Charges**  
 FOR THE TEST YEAR ENDED: \_\_\_\_\_

	A	B	C	D	E	F
Line No.		Meter Ratios	Existing Rates	Proposed Rates	Reference (unless otherwise noted reference is for both Column C & D)	Items to Notice
39.	<b>Total revenue generated by base rates</b>				Add Lines 30-38	
	<b>Volumetric Revenue</b>					
40.					Line 8 multiplied by Line 24	
41.					Line 9 multiplied by Line 25	
42.					Line 10 multiplied by Line 26	
43.					Line 11 multiplied by Line 27	
44.					Line 12 multiplied by Line 28	
45.					Line 13 multiplied by Line 29	
46.					Line 14 multiplied by Line 30	
47.					Line 15 multiplied by Line 31	
48.	<b>Total revenue generated by Volumetric Usage</b>				Add Lines 40-47	
49.	<b>Total Revenue Generated</b>				Line 39 plus Line 48	
50.	Revenue Requirement in Application				Schedule I-1, Column F, Line 31	
51.	Over / (Under) Recovery				Line 50 less Line 49	Column C
52.	Percentage of (Under) Recovery				Line 51 divided by Line 50 multiplied by 100 for percentage. If entering in excel do not multiply by 100, enter number as a decimal.	Column C

UTILITY NAME: _____ SCHEDULES - CLASS C RATE/TARIFF CHANGE <b>VII-4 Surcharge Revenue Calculation</b> FOR THE TEST YEAR ENDED: _____
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**VII-4(a): REVENUE GENERATED FOR FLAT RATE SURCHARGE**

Line No.	A	B	C	D
		Proposed Surcharge Rate	Reference (unless otherwise noted reference is for both Column C & D)	Items to Notice
1.	Surcharge Rate		Column B, Line 1 = Schedule VI-5(a), Column C, Line 4	Column C & D
2.	No. of Meters		Schedule I-3(a), Column E, Line 9 or Schedule I-3(b), Column E, Line 5	
3.	<b>Total Surcharge Revenue Generated</b>		Line 1 multiplied by Line 2	
4.	Rate Case Expense or Other Surcharged Expense		Schedule II-8, Column D, Line 19	
5.	Over / (Under) Recovery		Line 4 minus Line 3	Column C
6.	Percentage of (Under) Recovery		Line 5 divided by Line 4 multiplied by 100 for percentage. . If entering in excel do not multiply by 100, enter number as a decimal.	Column C

**VII-4(b): REVENUE GENERATED FOR METER EQUIVALENTS SURCHARGE**

Line No.	A	B	C	D	E
		Meter Ratios	Proposed Surcharge Rates	Reference (unless otherwise noted reference is for both Column C & D)	Items to Notice
	<b>Surcharge Rate</b>				
1.	5/8" x 3/4"	1.0		Column C, Line 1 = Schedule VI-5(b), Column C, Line 4	Column C & D
2.	3/4"	1.5		Column C, Line 2 = Column C, Line 1 multiplied by Column B, Line 2	Column C & D
3.	1"	2.5		Column C, Line 3 = Column C, Line 1 multiplied by Column B, Line 3	Column C & D
4.	1 1/2"	5.0		Column C, Line 4 = Column C, Line 1 multiplied by Column B, Line 4	Column C & D
5.	2"	8.0		Column C, Line 5 = Column C, Line 1 multiplied by Column B, Line 5	Column C & D
6.	3"	15.0		Column C, Line 6 = Column C, Line 1 multiplied by Column B, Line 6	Column C & D
7.	Other			Must be provided by Utility, if applicable	Column C & D
	<b>No. of Meters</b>				
8.	5/8" x 3/4"			Schedule I-3(a), Column E, Line 1	
9.	3/4"			Schedule I-3(a), Column E, Line 2	
10.	1"			Schedule I-3(a), Column E, Line 3	
11.	1 1/2"			Schedule I-3(a), Column E, Line 4	

UTILITY NAME: _____ SCHEDULES - CLASS C RATE/TARIFF CHANGE <b>VII-4 Surcharge Revenue Calculation</b> FOR THE TEST YEAR ENDED: _____
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**SCHEDULE VII-4(b): REVENUE GENERATED FOR METER EQUIVALENTS SURCHARGE**

Line No.	A No. of Meters	B Meter Ratios	C Proposed Surcharge Rates	D Reference (unless otherwise noted reference is for both Column C & D)	E Items to Notice
	<b>No. of Meters</b>				
12.	2"			Schedule I-3(a), Column E, Line 5	
13.	3"			Schedule I-3(a), Column E, Line 6	
14.	Other			Schedule I-3(a), Column E, Line 7	
15.	<b>Total</b>			Add Lines 8-14	
	<b>SURCHARGE RATE REVENUE</b>				
16.	5/8" x 3/4"			Line 1 multiplied by Line 8 multiplied by 12	
17.	3/4"			Line 2 multiplied by Line 9 multiplied by 12	
18.	1"			Line 3 multiplied by Line 10 multiplied by 12	
19.	1 1/2"			Line 4 multiplied by Line 11 multiplied by 12	
20.	2"			Line 5 multiplied by Line 12 multiplied by 12	
21.	3"			Line 6 multiplied by Line 13 multiplied by 12	
22.	Other			Line 7 multiplied by Line 14 multiplied by 12	
23.	<b>Total revenue generated by surcharge rate</b>			Add Lines 16-22	
24.	Revenue Requirement in Application			Schedule I-1, Column F, Line 31	
25.	Over / (Under) Recovery			Line 24 minus Line 23	Column C
26.	Percentage of (Under) Recovery			Line 25 divided by Line 24 multiplied by 100 for percentage. If entering in excel do not multiply by 100, enter number as a decimal.	Column C