

**Exhibit 1: Pro Forma Rate Base**

<u>Components</u>	<u>Amount</u>
Gas Plant in Service	\$22,160,000
Future Use Plant	50,000
Construction Work in Progress (CWIP)	390,000
Materials and Supplies	90,000
Storage Gas	540,000
Cash Working Capital	<u>70,000</u>

Gross Rate Base      \$23,300,000

**Deductions**

Accumulated Depreciation	\$4,340,000
Customer Advances	70,000
Customer Deposits	160,000
Deferred Income Taxes	<u>1,930,000</u>

Total Deductions      \$6,500,000

Net Investment      \$16,800,000

## Exhibit 2: Rate of Return

Capitalization (Parent Co.)	Amount (Millions)	Percent of Total	Cost	Weighted Cost (Percent)
Long Term Debt	\$296.90	41.40%	9.17%	3.80%
Short Term Debt	16.8	2.40%	9.29%	0.22%
Preferred Stock	28	3.90%	4.78%	0.19%
<u>Common Stock</u>	<u>375.1</u>	<u>52.30%</u>	<u>14.75%</u>	<u>7.71%</u>
Total	<u>\$716.80</u>	<u>100.00%</u>		<u>11.92%</u>

### Exhibit 3: Pro Forma Cost of Service

Utility Operating Revenues		\$17,220,000
O&M Expenses	\$14,500,000	
Depreciation	660,000	
General Taxes	700,000	
Interest on Deposits	10,000	
FIT, Def. FIT	<u>230,000</u>	
		<u>16,100,000</u>
Net Utility Operating Income		\$1,120,000
Net Investment (From Exhibit 1)		<u>\$16,800,000</u>
Rate of Return Earned on Net Investment Under Existing Rates <i>(Divide net utility operating income by net investment)</i>		<u>6.67%</u>

#### Exhibit 4: Pro Forma Revenue Requirement

Net Investment (from Exh. 1)	<u>\$ 16,800,000</u>	
Rate of Return Desired (from Exh.2)	<u>12%</u>	
Required Return (multiply net investment by the desired rate of return)	<u>\$ 2,002,560</u>	
Pro Forma Earned Return (use the net utility Operating income from Exhibit 3)	<u>\$ 1,120,000</u>	
Return Deficiency (subtract earned return from required return)	<u>\$ 882,560</u>	
Tax complement	0.65	
Revenue Deficiency (divide return deficiency by the tax complement)	<u>\$ 1,357,785</u>	
The overall requested increase in revenues is	<u>\$ 1,357,785</u>	or a <u>7.88%</u>
increase over revenues under existing rates (use revenues from Exh. 3 as divisor).		

# REGULATORY ADJUSTMENT WORKSHEET

## Exhibit 5: Pro Forma Rate Base


Components	Start	Adjustment Number:			Adjustment	Adjusted
	Data From Exhibit 1	2	3	4	Subtotal	Rate Base
Gas Plant in Service	\$22,160,000				\$ -	\$ 22,160,000
Future Use Plant	\$50,000	\$ (50,000)			\$ (50,000)	\$ -
Construction Work in Progress (CWIP)	\$390,000		\$ (390,000)		\$ (390,000)	\$ -
Materials and Supplies	\$90,000				\$ -	\$ 90,000
Storage Gas	\$540,000		\$(150,000)		\$ (150,000)	\$ 390,000
Cash Working Capital	\$70,000	\$ (70,000)			\$ (70,000)	\$ -
Gross Rate Base	\$23,300,000				\$ (660,000)	\$22,640,000
<u>Deductions</u>						
Accumulated Depreciation	\$4,340,000					\$ 4,340,000
Customer Advances	\$70,000					\$ 70,000
Customer Deposits	\$160,000					\$ 160,000
Deferred Income Taxes	\$1,930,000					\$ 1,930,000
Total Deductions	\$6,500,000					\$6,500,000
Net Investment	\$16,800,000					\$16,140,000

## Exhibit 6: Rate of Return

(Start with Exh. 2 Data)

Capitalization (Parent Co.)	Amount (Millions)	Percent of Total	Cost	Weighted Cost (Percent)
Long Term Debt	\$296.90	41.42%	9.17%	3.80%
Short Term Debt	\$16.80	2.34%	9.29%	0.22%
Preferred Stock	\$28.00	3.91%	4.78%	0.19%
<u>Common Stock</u>	<u>\$375.10</u>	<u>52.33%</u>	<u>12.75%</u>	<u>6.67%</u>
Total	<u>\$716.80</u>	<u>100.00%</u>		<u>10.88%</u>

Adjustment 5



## Exhibit 7: Pro Forma Cost of Service

(Start with Exh. 3 Data)

	Start	Adjustment Number:		Adjustment	Adjusted
	Data from Exhibit 3	1	6	Subtotal	Cost of Service
Utility Operating Revenues	\$17,220,000		\$ 400,000	\$ 400,000	\$ 17,620,000
O&M Expenses	\$14,500,000	\$ (200,000)	\$ 280,000	\$ 80,000	\$ 14,580,000
Depreciation	\$660,000			\$ -	\$ 660,000
General Taxes	\$700,000			\$ -	\$ 700,000
Interest on Deposits	\$10,000			\$ -	\$ 10,000
FIT, Def. FIT	\$230,000	\$ 70,000	\$ 42,000	\$ 112,000	\$ 342,000
	16,100,000	\$ (130,000)	\$ 322,000	\$ 192,000	\$ 16,292,000
Net Utility Operating Income	\$1,120,000	\$130,000	\$78,000	\$208,000	\$1,328,000
Net Investment					
(Start From Exhibit 1 End From Exhibit	<u>\$16,800,000</u>				<u>\$ 16,140,000</u>
Rate of Return Earned on Net					
Under Existing Rates					
(Divide net utility operating income by net investment)	<u>6.67%</u>				<u>8.23%</u>

## Exhibit 8: Pro Forma Revenue Requirement

Net Investment (from Exh. 5)	<u>\$ 16,140,000</u>	
Rate of Return Desired (from Exh.6)	<u>10.88%</u>	
Required Return (multiply net investment by the desired rate of return)	<u>\$ 1,756,032</u>	
Pro Forma Earned Return (use the net utility Operating income from Exhibit 7)	<u>\$ 1,328,000</u>	
Return Deficiency (subtract earned return from required return)	<u>\$ 428,032</u>	
Tax complement	0.65	
Revenue Deficiency (divide return deficiency by the tax complement)	<u>\$ 658,511</u>	
The overall requested increase in revenues is <u>\$ 658,511</u> or a <u>3.82%</u> increase over existing rates (use revenues from Exh. 3 as the divisor, as we assume that rates for the new industrial customers receiving service under market-based rates will not bear the increase).		