



# North Dakota Gas Rate Case Technical Hearing

*In the Community  
to Serve®*

Case No. PU-15-90

Tamie Aberle Overview

# Overview

- Volume and Revenue Projections
- Embedded Class Cost of Service Study
- Rate Design

# Proposed Settlement Increase by Rate Class

Customer Class/Rate	Projected 2015		Percent Increase	Return on Rate Base		
	Customers	Dk		As Filed	Settlement	With Rev Increase
Residential - Rate 60	92,478	8,667,437	3.3%	3.4%	4.7%	6.9%
Firm General Service - Rate 70	14,850	7,654,323	0.0%	8.3%	7.7%	7.7%
Air Force - Rate 64	3	511,626	-1.6%	55.9%	55.9%	33.6%
Small Interruptible	206	1,858,878	6.8%	3.8%	3.4%	5.9%
Large Interruptible	7	4,339,414	0.0%	12.4%	10.6%	10.6%
Total North Dakota	107,544	23,031,678	2.0%	5.3%	5.9%	7.3%

# Proposed Residential Rates

Residential Rate 60	Interim		
	Current	Paying Today	Settlement
Basic Service Charge per day	\$0.4935	\$0.5588	\$0.6443
Distribution Delivery per Dk	0.326	0.369	\$0.000
Cost of Gas per Dk	5.582	5.582	5.582
Monthly Fixed Cost	\$15.01	\$17.00	\$19.60
Average increase (94 dk)		\$2.38	\$2.04

# Proposed Residential Bill Changes

(Under Settlement)

Month	Dk	Present Rate	Proposed Rate	Amount of Increase	% Increase
January	17	\$115.73	\$114.87	(\$0.86)	-0.74%
February	17	114.25	112.93	(1.32)	-1.16%
March	12	86.19	86.96	0.77	0.89%
April	9	67.98	69.57	1.59	2.34%
May	5	44.84	47.88	3.04	6.78%
June	2	26.62	30.49	3.87	14.54%
July	2	27.11	31.14	4.03	14.87%
August	2	27.11	31.14	4.03	14.87%
September	2	26.62	30.49	3.87	14.54%
October	4	38.93	42.30	3.37	8.66%
November	10	73.89	75.15	1.26	1.71%
December	12	86.19	86.96	0.77	0.89%
<b>Total</b>	<b>94</b>	<b>\$735.46</b>	<b>\$759.88</b>	<b>\$24.42</b>	<b>3.32%</b>
Average Increase per Month					\$2.04

# Proposed Residential Rates

## GAS UTILITY - NORTH DAKOTA RATE 60 BILL COMPARISON RESIDENTIAL GAS SERVICE

Month	Dk	Present Rate			Proposed Rate			Total	Amount of Increase	% Increase
		Basic Service Charge	Distribution Delivery	Cost of Gas	Basic Service Charge	Distribution Delivery	Cost of Gas			
January	17	\$15.30	\$5.54	\$94.89	\$19.97	\$0.00	\$94.89	\$114.86	(\$0.87)	-0.75%
February	17	13.82	5.54	94.89	18.04	0.00	94.89	112.93	(1.32)	-1.16%
March	12	15.30	3.91	66.98	19.97	0.00	66.98	86.95	0.76	0.88%
April	9	14.81	2.93	50.24	19.33	0.00	50.24	69.57	1.59	2.34%
May	5	15.30	1.63	27.91	19.97	0.00	27.91	47.88	3.04	6.78%
June	2	14.81	0.65	11.16	19.33	0.00	11.16	30.49	3.87	14.54%
July	2	15.30	0.65	11.16	19.97	0.00	11.16	31.13	4.02	14.83%
August	2	15.30	0.65	11.16	19.97	0.00	11.16	31.13	4.02	14.83%
September	2	14.81	0.65	11.16	19.33	0.00	11.16	30.49	3.87	14.54%
October	4	15.30	1.30	22.33	19.97	0.00	22.33	42.30	3.37	8.66%
November	10	14.81	3.26	55.82	19.33	0.00	55.82	75.15	1.26	1.71%
December	12	15.30	3.91	66.98	19.97	0.00	66.98	86.95	0.76	0.88%
<b>Total</b>	<b>94</b>	<b>\$180.16</b>	<b>\$30.62</b>	<b>\$524.68</b>	<b>\$235.15</b>	<b>\$0.00</b>	<b>\$524.68</b>	<b>\$759.83</b>	<b>\$24.37</b>	<b>3.31%</b>

Average Increase

\$4.58 (\$2.55) 0

\$2.03

**RESIDENTIAL BILL COMPARISON  
ANNUAL BILLS**

Annual Dk	Cost Of Gas*	Distribution Charges			Total			Total Costs per Settlement Cost Study**		
		Pre-Case	Interim	As Filed	Pre-Case	Interim	As Filed		Settlement	
0	\$0.00	\$180.13	\$204.47	\$253.20	\$180.13	\$204.47	\$253.20	\$235.17	\$235.17	\$239.48
48	267.94	195.78	222.23	253.20	463.72	490.17	521.14	503.11	507.42	
94	524.71	210.77	239.25	253.20	735.48	763.96	777.91	759.88	764.19	
140	781.48	225.77	256.27	253.20	1,007.25	1,037.75	1,034.68	1,016.65	1,020.96	

\* Unchanged with rate case.

\*\* Settlement revenue requirement with mains allocated 100% on demand factor.