

**Empire District Gas Company
Northwest System
2011-2012 Winter Season Residential Revenue Impact from Winter PGA/ACA Filing**

Original Calculation Filed

PGA/ACA per MCF

Month	Previous PGA/ACA Rates Factor	Month	New PGA/ACA Rates Factor	PGA/ACA Rate Change	Revenue Impact (Winter Season)
11/10	4.7992	11/11	5.2112	0.4120	\$17,226
12/10	4.7992	12/11	5.2112	0.4120	\$27,626
01/11	4.7992	01/12	5.2112	0.4120	\$34,259
02/11	4.7992	02/12	5.2112	0.4120	\$23,795
03/11	4.7992	03/12	5.2112	0.4120	\$20,122

Estimated Winter Season Change in Revenue

\$123,027

Percent Change Between PGA/ACA Factors

8.58%

Residential Sales Volume Forecast

358,221

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth
Jan	17.23	23.21%	83,152
Feb	11.97	16.12%	57,755
Mar	10.16	13.63%	48,839
Apr	4.79	6.30%	22,556
May	1.97	2.56%	9,168
Jun	0.80	1.03%	3,680
Jul	0.69	0.88%	3,165
Aug	0.87	1.12%	4,001
Sep	1.10	1.40%	5,002
Oct	2.60	3.36%	12,038
Nov	8.90	11.67%	41,811
Dec	14.11	18.72%	67,053
TOTAL	75.19	100%	358,221