

**Empire District Gas Company
North 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	5.7650	11/11	6.0567	0.2917	\$20,461
12/10	5.7650	12/11	6.0567	0.2917	\$33,717
01/11	5.7650	01/12	6.0567	0.2917	\$39,676
02/11	5.7650	02/12	6.0567	0.2917	\$29,919
03/11	5.7650	03/12	6.0567	0.2917	\$22,309

Estimated Winter Season Change in Revenue \$146,082

Percent Change Between PGA/ACA Factors 5.06%

Residential Sales Volume Forecast 599,930

Month	Estimated Customer Usage Mcf/Mnth	Estimated % Mcf/Yr	Estimated Company Sales Mcf/Mnth
Jan	16.36	22.67%	136,017
Feb	12.31	17.10%	102,567
Mar	9.24	12.75%	76,479
Apr	5.24	7.08%	42,470
May	2.46	3.28%	19,668
Jun	0.38	0.50%	2,979
Jul	0.62	0.81%	4,839
Aug	0.79	1.02%	6,133
Sep	0.71	0.91%	5,474
Oct	2.22	2.93%	17,572
Nov	8.63	11.69%	70,144
Dec	13.97	19.27%	115,588
TOTAL	72.93	100%	599,930