

**DPU Exhibit 6.6 SSR: Demand Model Estimates Using Monthly Questar Gas Data  
from 1992 through 2006 and Dr. Dismukes's Methods**

<b>Model Description</b>	<b>Variable</b>	<b>Parameter Estimate</b>	<b>Standard Error</b>	<b>t-value</b>	<b>Pr &gt;  t </b>
<b>GS-1 UPC with Lag Price</b>	Intercept	35.395	27.245	1.299	0.196
	ln(current price)	-0.201	0.294	-0.685	0.494
	ln(12-mo lag price)	0.066	0.275	0.239	0.811
	ln(weather)	0.270	0.015	17.864	0.000
	Annual time trend	-0.017	0.014	-1.243	0.216
<b>Residential UPC with Lag Price</b>	Intercept	38.225	26.101	1.464	0.145
	ln(current price)	-0.218	0.281	-0.776	0.439
	ln(12-mo lag price)	0.040	0.263	0.152	0.879
	ln(weather)	0.258	0.014	17.826	0.000
	Annual time trend	-0.019	0.013	-1.408	0.161
<b>Commercial UPC with Lag Price</b>	Intercept	28.824	30.476	0.946	0.346
	ln(current price)	-0.134	0.329	-0.409	0.683
	ln(12-mo lag price)	0.131	0.307	0.427	0.670
	ln(weather)	0.303	0.017	17.914	0.000
	Annual time trend	-0.013	0.015	-0.870	0.386
<b>GS-1 UPC without Lag Price</b>	Intercept	25.237	20.431	1.235	0.218
	ln(current price)	-0.242	0.236	-1.025	0.307
	ln(weather)	0.275	0.015	18.859	0.000
	Annual time trend	-0.012	0.010	-1.163	0.247
<b>Residential UPC without Lag Price</b>	Intercept	29.007	19.567	1.482	0.140
	ln(current price)	-0.267	0.226	-1.178	0.240
	ln(weather)	0.263	0.014	18.826	0.000
	Annual time trend	-0.014	0.010	-1.410	0.160
<b>Commercial UPC without Lag Price</b>	Intercept	15.250	22.882	0.666	0.506
	ln(current price)	-0.165	0.265	-0.624	0.533
	ln(weather)	0.309	0.016	18.893	0.000
	Annual time trend	-0.007	0.012	-0.565	0.573