

Table 2. Data Used to Perform Statistical Analysis of Relationship Between Gas Usage & Degree Days Heating (DDH)																		
YEAR	MONTH	Schedules														DDH	Mondumy	DDH**
		1	2**	3**	4	11	21	22	23	24**	27	55	61	62	90			
1996	2	-3.6326	.1722	.8604	3.2096	-1.5083	1.3222	2.4695	3.8617	.2241	-1.4278	3.8658	6.6616	6.1626		3.2195	1.00	25.02
1996	3	-3.6697	.1427	.7277	3.1324	-2.0701	1.3369	2.4246	3.9155	.1821	-1.6931	3.8918	6.8276	6.3337		3.0819	1.00	21.80
1996	4	-3.7737	.1322	.6453	3.1385	-1.2074	1.5043	2.7385	4.4307	.1693	-1.7514	4.3199	7.0431	6.3184		2.7654	1.00	15.89
1996	5	-3.5832	.1423	.7037	3.4476	-.9268	1.6955	2.9159	4.6069	.1842	-1.7267	4.3415	7.3137	6.2331		2.4835	1.00	11.98
1996	6	-3.5125	.1322	.7268	3.4833	.5860	2.1553	3.2987	5.2515	.1759	-2.0119	5.5671	7.6597	6.6148		2.0290	.00	7.61
1996	7	-2.9889	.2451	1.5164	4.1999	1.7144	3.1032	3.9348	6.2704	.3335	-1.9827	6.4315	8.6568	7.6548		.9390	.00	2.56
1996	8	-2.6026	.3857	2.4434	4.9930	2.6313	3.6488	4.6481	7.1338	.5326	-1.7112	7.0574	9.3509	8.3332		.2796	.00	1.32
1996	9	-3.5216	.1605	1.0345	4.2248	1.2992	2.6942	3.8700	6.0254	.2163	-2.4594	6.6971	8.2831	6.9869		1.4066	.00	4.08
1996	10	-3.6461	.1087	.5345	3.5711	.6419	1.8263	3.0296	4.7965	.1396	-2.2634	5.2919	7.5025	6.3595		2.2827	1.00	9.80
1996	11	-3.2656	.1468	.6963	3.3775	-1.2021	1.5540	2.6421	4.5552	.1870	-1.6315	4.5915	7.0599	5.8259		2.7899	1.00	16.28
1996	12	-3.1739	.1773	.8230	3.3566	-1.4271	1.4537	2.4909	4.3464	.2272	-1.4186	4.5398	6.8139	6.0897		3.0783	1.00	21.72
1997	1	-3.0435	.1756	.8579	3.3361	-1.8133	1.4138	2.4846	3.9872	.2217	-1.4791	3.6304	6.5511	5.9047		3.1887	1.00	24.26
1997	2	-3.1539	.1672	.8045	3.3335	-1.8489	1.6004	2.5062	4.1269	.2125	-1.5077	3.5710	6.5147	5.8139		3.1688	1.00	23.78
1997	3	-3.1591	.1515	.7309	3.5086	-1.6563	1.4518	2.5224	4.3391	.1975	-1.6024	3.9595	6.7950	6.0740		3.0380	1.00	20.86
1997	4	-3.1041	.1281	.5892	3.2876	-1.5196	1.4710	2.5322	4.2103	.1641	-1.7136	4.4623	6.8420	6.1390		2.8617	1.00	17.49
1997	5	-3.0742	.1246	.5990	3.5517	-.3282	1.8532	2.7625	4.7816	.1626	-2.0312	4.9273	7.2877	6.6436		2.3584	1.00	10.57
1997	6	-2.6298	.1447	.8287	4.1673	1.0634	2.5003	3.7663	5.7733	.1942	-2.2784	5.5864	8.0967	7.4183		1.5996	.00	4.95
1997	7	-2.2477	.2285	1.2447	4.4046	1.7371	2.9745	4.0997	6.4659	.3103	-1.8257	6.2452	8.6496	8.0098		.9767	.00	2.66
1997	8	-.9505	.7039	4.3072	5.4139	2.5857	4.3487	5.0865	7.2549	.9901	-.7165	7.8083	9.9295	9.3501		-.3429	.00	.71
1997	9	-1.6439	.3594	2.3440	5.0633	1.9483	3.6308	4.7556	6.7503	.5035	-1.5437	7.4079	9.0704	8.4800		.4217	.00	1.52
1997	10	-2.7379	.1348	.6514	3.6623	.4394	2.0299	3.3542	5.2238	.1744	-1.6946	5.8503	7.5955	7.0418		2.0794	1.00	8.00
1998	7	-1.4326	.3248	1.8674	4.8988	1.9897	3.3533	4.4116	5.7796	.4514	-1.2426	6.6606	8.3996	8.3042		.7094	.00	2.03
1998	8	-.9767	.5728	4.1012	5.6907	2.4680	4.2981	5.0801	6.6415	.8740	-.6290	7.4397	9.3487	9.3117		-.2559	.00	.77
1998	9	-1.7245	.2981	1.9534	4.0904	1.5696	3.8868	4.4797	5.9440	.4009	-2.6013	7.0882	8.8548	8.2653		.6165	.00	1.85
1998	10	-2.6152	.1250	.6749	3.7478	-.2791	2.1297	3.1570	4.6337	.1616	-2.4476	5.6039	7.3679	7.0283		2.0691	1.00	7.92
1998	11	-2.6454	.1342	.6026	3.3583	-1.4538	1.6104	2.6156	3.9524	.1696	-1.6584	4.5624	6.7421	6.2587		2.7445	1.00	15.56
1998	12	-2.5426	.1588	.7593	3.3695	-2.7165	1.5959	2.4509	3.6431	.1974	-1.4152	4.3488	6.3976	6.1087		3.1073	1.00	22.36
1999	1	-2.5391	.1695	.8408	3.4022	-2.3684	1.4361	2.0831	3.5659	.2104	-1.3955	4.0763	6.1322	5.8659		3.2176	1.00	24.97
1999	2	-2.5400	.1625	.7939	3.4343	-3.1274	1.4108	1.8464	3.2675	.2000	-1.2978	3.9330	6.0398	5.4498		3.1428	1.00	23.17
1999	3	-2.5994	.1575	.7865	3.4813	-3.0233	1.4959	2.3774	3.3538	.1982	-1.4511	4.6202	5.5921	5.2025		3.0502	1.00	21.12
1999	4	-2.4779	.1376	.7088	3.4035	-2.6405	1.4343	2.4936	3.9199	.1700	-1.5667	4.6083	6.3866	6.1866		2.8627	1.00	17.51
1999	5	-2.9217	.1349	.6709	3.7425	-1.8482	1.7176	2.7355	4.0935	.1663	-1.7706	4.8322	6.6507	6.5465		2.5561	1.00	12.89
1999	6	-2.4557	.1371	.7504	2.9981	.3964	2.1184	3.0910	4.5794	.1733	-1.8025	5.1847	6.9099	6.9290		2.1372	.00	8.48
1999	7	-2.0659	.1650	1.0212	3.4614	1.3039	2.7340	3.6471	5.1626	.2245	-1.8247	6.2180	7.8320	7.5225	6.0064	1.4186	.00	4.13
1999	8	-1.4053	.2799	1.9032	3.9472	1.8766	3.4341	4.2874	6.0476	.3969	-1.6333	6.6869	8.5658	8.4008	6.3059	.6265	.00	1.87
1999	9	-1.9002	.1874	1.1629	3.5261	1.3749	3.0558	3.9957	4.9834	.2535	-1.9792	6.6361	7.8906	7.7061	6.1013	1.1774	.00	3.25
1999	10	-2.2867	.1168	.6350	3.0246	.0123	2.0801	3.1103	4.1785	.1517	-2.3894	5.8518	7.1200	6.8296	5.3240	2.1506	1.00	8.59
1999	11	-2.4114	.1423	.6928	2.9530	-1.0980	1.8193	2.8701	3.8399	.1740	-1.7140	4.7509	6.7110	6.4157	4.9490	2.6320	1.00	13.90
1999	12	-2.4610	.1553	.7201	3.0213	-1.9466	1.3801	1.2406	3.3066	.1919	-1.5708	4.6232	6.5083	6.2768	4.8201	2.9487	1.00	19.08

**-indicates that these are actual values while the rest are natural logs. Mondumy- is dummy variable for month.