

**Domestic Average Use equation for Hydro Rural Island Interconnected Service Territory**

Dependent Variable: TROAVDUSE  
Method: Least Squares  
Date: 01/18/10 Time: 15:33  
Sample: 1977 2008  
Included observations: 32

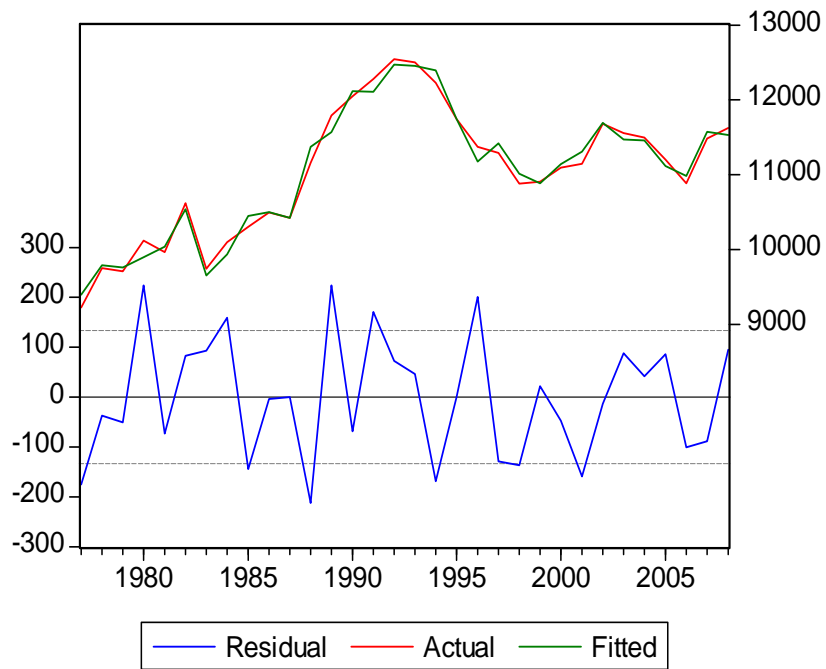
Variable	Coefficient	Std. Error	t-Statistic	Prob.
DDAYSTV*(TROALDOM/TROTOTDCUST)	2.12482	0.145676	14.58593	0.0000
AAEHTMPAT(-1)	-181.8509	55.62889	-3.269001	0.0030
PDI2002\$*1E6/(NPTOTDCUST+TROTOTDCUST)	0.127775	0.003892	32.82965	0.0000
EHWSRSCADJ	41.23951	6.981567	5.906913	0.0000
DUM95	-550.6892	143.9754	-3.824884	0.0007
DUM87	-385.9454	141.3367	-2.730681	0.0112
R-squared	0.980557	Mean dependent var	11042.24	
Adjusted R-squared	0.976819	S.D. dependent var	877.0374	
S.E. of regression	133.5329	Akaike info criterion	12.79393	
Sum squared resid	463607.1	Schwarz criterion	13.06876	
Log likelihood	-198.7029	Durbin-Watson stat	2.329612	

**Hydro Rural Island Interconnected General Service Load equation**

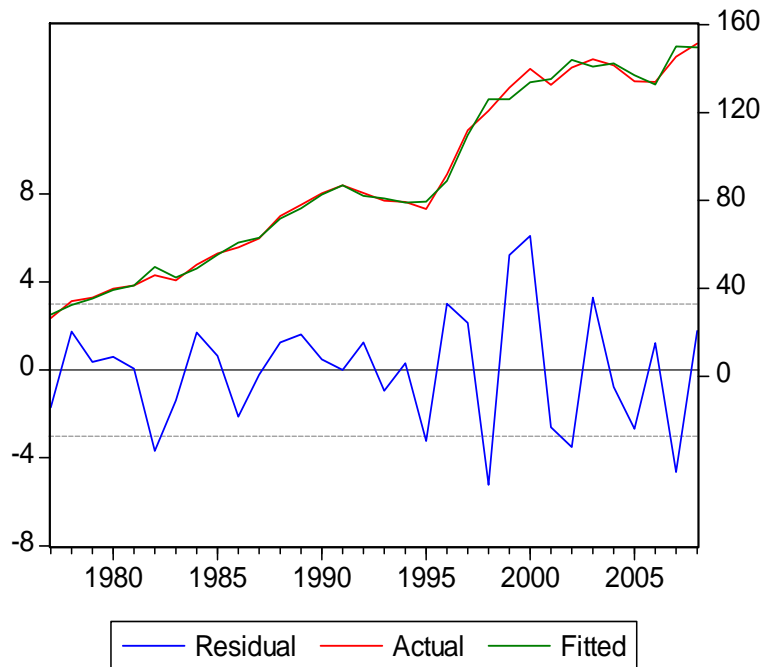
Dependent Variable: TROTOTGS  
Method: Least Squares  
Date: 01/18/10 Time: 15:33  
Sample: 1977 2008  
Included observations: 32

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-18.77022	17.59708	-1.066667	0.2967
PI2002\$	0.004164	0.001036	4.018364	0.0005
FISHERY	0.032726	0.00643	5.089788	0.0000
DDAYSTV*EHMSSAT	0.000464	5.91E-05	7.847636	0.0000
DUMSTANT	20.1808	1.001885	20.14283	0.0000
MINING	1.896473	0.800885	2.367971	0.0263
SGSSPBT	-1.889519	1.126465	-1.677388	0.1064
DUM91	7.209384	3.215583	2.242014	0.0345
R-squared	0.995724	Mean dependent var	89.21691	
Adjusted R-squared	0.994477	S.D. dependent var	40.4287	
S.E. of regression	3.004506	Akaike info criterion	5.250421	
Sum squared resid	216.6493	Schwarz criterion	5.616855	
Log likelihood	-76.00674	F-statistic	798.4286	
Durbin-Watson stat	2.388852	Prob(F-statistic)	0.0000	

Domestic KWh/year



TROTOTGS (GWh)



	NPTOTDCUST	AAEHTMPAT	PDI2002\$	PI2002\$	DDAYSTV	TROALDOM	TROTOTDCUST
1967		8.8	3806.5	4154.9	-	-	-
1968	82816	6.61	3888.8	4317.3	-	-	-
1969	85438	6.43	4106.9	4625.8	-	-	-
1970	87819	6.32	4351.9	4957.6	-	-	-
1971	91171	6.24	4712.7	5397.1	-	-	-
1972	98667	5.87	5029.5	5788.9	-	-	-
1973	102818	5.36	5464.5	6277.8	-	-	-
1974	108241	4.93	5797.8	6802	-	-	-
1975	114113	4.91	6247.2	7305.9	-	-	-
1976	118293	5.56	6433.1	7647	-	-	-
1977	122870	5.98	6751.7	7996.5	4882	1109	7513
1978	125721	6.7	6871.2	8077.1	5071	1334	7723
1979	128780	6.96	7085.2	8298.8	4399	1521	7915
1980	132020	6.94	6904.1	8064	4951	1713	8172
1981	135132	6.66	7269.3	8510.4	4285	1887	8348
1982	137276	7.65	7304.3	8577.8	5074	2135	9183
1983	140668	7.8	7117	8419.9	4400	2422	10829
1984	143707	8.12	7141.1	8441.7	4717	2708	11086
1985	146655	9.25	7310.8	8677.5	5178	2917	11179
1986	149771	8.73	7545.1	9090.1	5092	3123	11368
1987	153075	8.44	8102.9	9765	4753	3370	12274
1988	156907	8.29	8579.6	10366	4931	3746	12798
1989	160537	7.74	8930.4	10752	4999	4256	14284
1990	164019	7.66	9128.3	11216.4	5116	4794	14532
1991	167217	8.12	8979.9	11052.1	5031	5188	14725
1992	170418	8.15	9085.6	11171.2	5395	5518	14936
1993	172942	8.06	9162.6	11222.6	5165	5884	15224
1994	175797	7.99	9123	11315.5	5075	6072	15366
1995	177431	7.88	9110.1	11382	4885	6231	15469
1996	179375	7.77	8835.2	11031	4631	6451	18839
1997	181168	8.23	8612.1	10794.1	5092	6580	18884
1998	182324	8.36	8753.5	11069.2	4468	6683	18856
1999	183921	8.3	8931.8	11355	4219	6731	18918
2000	185287	8.12	9047.6	11513.5	4515	6733	18975
2001	186828	7.96	9330.6	11848.5	4528	6720	18995
2002	188925	7.82	9381	11927	5028	6722	18971
2003	191314	7.89	9497.6	12085.5	4702	6723	19021
2004	193912	8.34	9603.1	12266.2	4751	6699	19092
2005	196412	8.79	9612.5	12313.2	4507	6680	19126
2006	198568	9.08	10098.6	12732.4	4141.1	6698	19203
2007	201045	9.02	10512.2	13303.3	4782.9	6705	19251
2008	204204	9.23	10990.4	13684.2	4450.1	6752	19344
2009	207233.7	9.121027	11344.4	14044.5	4693	6796.978	19383.23
2010	210004.3	9.079876	11487.2	14290.1	4785	6847.678	19421.32
2011	212744.2	9.468052	11779.3	14656.4	4785	6920.864	19458.51
2012	215404	9.254458	11907.8	14810.8	4785	6981.192	19494.6
2013	217981.6	9.338806	12028.6	14962.6	4785	7043.412	19529.56

2014	220493.4	9.621865	12194.7	15178.4	4785	7101.372	19563.45
2015	222954.8	10.0199	12366.5	15396.8	4785	7154.652	19596.49
2016	225330.2	10.20922	12391.8	15425.3	4785	7203.147	19628.61
2017	227618.2	10.12684	12382.7	15407.4	4785	7253.284	19659.87
2018	229839.8	10.13618	12442.9	15480	4785	7307.953	19690.35
2019	232006.2	10.24711	12536.4	15594.5	4785	7367.492	19720.1
2020	234114.7	10.12629	12641	15722.7	4785	7432.445	19749.03
2021	236175	10.01277	12762.6	15872.2	4785	7499.5	19777.24
2022	238182.5	9.83853	12841.2	15965.7	4785	7569.251	19804.78
2023	240153.4	9.942193	12964.5	16114.8	4785	7639.649	19831.75
2024	242086.1	10.06177	13072.6	16247	4785	7705.637	19858.15
2025	243976.9	10.01025	13157.8	16345.3	4785	7769.076	19884.01
2026	245817.9	9.950612	13242.4	16444.2	4785	7832.884	19909.19
2027	247622.3	9.937102	13387.8	16615.8	4785	7896.686	19933.74
2028	249392.4	9.944334	13534	16788.2	4785	7959.507	19957.66
2029	251131.3	9.894148	13695.2	16979.5	4785	8021.669	19980.97

EHWSRSCADJ	DUM95	DUM87	FISHERY	EHMSSAT	DUMSTANT	MINING	SGSSPBT	DUM91
-	-	-	-	1	-	-	-	-
-	-	-	-	2	-	-	-	-
-	-	-	-	3	-	-	-	-
-	-	-	-	4	-	-	-	-
-	-	-	-	5	-	-	-	-
-	-	-	-	6	-	-	-	-
-	-	-	-	7	-	-	-	-
-	-	-	-	8	-	-	-	-
-	-	-	-	9	-	-	-	-
-	-	-	-	10	-	-	-	-
54.8	0	0	393.23	11	0	0	12.75	0
59.1	0	0	464.36	12	0	0	13.64	0
62.0	0	0	569.11	13	0	0	13.5	0
64.6	0	0	499.2	14	0	0	12.71	0
67.1	0	0	498.72	15	0	0	11.37	0
69.6	0	0	504.46	16	0	0	11.28	0
71.5	0	0	455.84	17	0	0	11.04	0
73.0	0	0	450.58	18	0	0	11.35	0
76.0	0	0	468.22	19	0	0	12.21	0
78.2	0	0	517.65	20	0	0	11.86	0
81.5	0	0	502.36	21	0	0	11.45	0
81.9	0	0	560.79	22	0	0	11.27	0
82.1	0	0	521.83	23	0	0	10.54	0
82.6	0	0	545.5	24	0	0	10.58	0
83.1	0	0	427.13	25	0	0	10.51	1
83.6	0	0	285.29	26	0	0	10.62	0
84.2	0	0	247.6	27	0	0	10.52	0
84.9	0	0	140.07	28	0	0	10.44	0
85.7	1	0	141.76	29	0	0	10.33	0
85.9	0	0	197.56	30	0.5	0	10.19	0
86.4	0	1	220.29	31	1	0.8	9.8	0
87.0	0	0	262.42	32	2	0.9	9.66	0
87.0	0	0	275.4	33	2	1	9.72	0
87.0	0	0	278.14	34	2	1	9.48	0
87.0	0	0	267.96	34	2	0.8	9.23	0
87.0	0	0	275.14	34	2	0.8	9.06	0
87.0	0	0	308.11	34	2	0.8	8.88	0
87.0	0	0	357.46	34	2	0.4	9.37	0
87.0	0	0	338.732	34	2	0.1	9.67	0
87.0	0	0	355.527	34	2	0	9.96	0
87.0	0	0	332.592	34	2	2.9	9.91	0
87.0	0	0	324.9	34	2	4.5	9.67	0
87.0	0	0	290.3	34	2	6.9	9.5558	0
87.0	0	0	304	34	2	6.9	9.5127	0
87.0	0	0	305	34	2	7.4	9.9194	0
87.0	0	0	318	34	2	7.6	9.6956	0
87.0	0	0	323	34	2	7.6	9.784	0

87.0	0	0	325	34	2	7.6	10.081	0
87.0	0	0	343	34	2	7.6	10.498	0
87.0	0	0	350	34	2	7.6	10.696	0
87.0	0	0	350	34	2	7.6	10.61	0
87.0	0	0	350	34	2	3.8	10.619	0
87.0	0	0	350	34	2	1.9	10.736	0
87.0	0	0	350	34	2	1	10.609	0
87.0	0	0	350	34	2	0	10.49	0
87.0	0	0	350	34	2	0	10.308	0
87.0	0	0	350	34	2	0	10.416	0
87.0	0	0	350	34	2	0	10.541	0
87.0	0	0	350	34	2	0	10.487	0
87.0	0	0	350	34	2	0	10.425	0
87.0	0	0	350	34	2	0	10.411	0
87.0	0	0	350	34	2	0	10.418	0
87.0	0	0	350	34	2	0	10.366	0