

DEC 26 1995

Decision 95-12-060 December 20, 1995

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

In the Matter of the Application of Southern California Gas Company for Authorization to Implement its Preauthorized Operational Attrition Allowance for 1996

ORIGINAL

OPINION

1. Summary of Decision

The application of Southern California Gas Company (SoCalGas) for an increase of \$11.9 million (0.42%) in its authorized revenue requirement is granted. This authorization implements a previously authorized attrition allowance for 1996.

This decision also approves tariff sheets with rate changes incorporating revenue requirement adjustments resulting from Decision (D.) 95-11-062 and other Commission decisions issued December 18, 1995 and today. The combined effect is a net decrease of \$33.9 million (1.27%) in SoCalGas revenue requirement for 1996. The wintertime monthly bill for a residential customer using an average of 70 therms of gas will decrease by 63 cents (1.41%), from \$44.80 to \$44.17.

2. Background

2.1 Authorization for Attrition Filing

In D.93-12-043 (52 CPUC 2d 471, at 490-92), which was issued in SoCalGas' test year (TY) 1994 general rate case (GRC), the Commission considered a stipulation resolving all issues regarding operational and rate base attrition for 1995 and 1996. Because the stipulation was part of a then-pending "Global Settlement" resolving issues in several SoCalGas proceedings, the

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Commission deferred action on attrition issues until the issuance of a final decision adopting or rejecting the Global Settlement.

The Global Settlement was approved on April 20, 1994 by D.94-04-088 (CPUC 2d), as modified by D.94-07-054 (CPUC 2d) During attrition years 1995 and 1996, SoCalGas is allowed to increase rates only to the extent that labor and nonlabor escalation factors exceed 2% in 1995 and 3% in 1996. Rate base attrition is also authorized, but the three-year rolling average of recorded net plant additions will not be escalated. The Commission found that the adopted formula was, in effect, a productivity adjustment. (D.94-04-088, slip op. p. 43.)

2.2 Requirement for Attrition Application

Describing the GRC and attrition mechanisms generally, the Commission stated in D.93-12-043:

"For several years, the energy utilities have filed general rate case applications every three years pursuant to procedures we have adopted. In the intervening two years, they file advice letters seeking attrition year rate changes. Attrition year rate changes are designed to reflect changes in the economy which might erode utility earnings. They are calculated using a formula established in the previous general rate case. The formula includes the estimated additional costs associated with plant additions, labor expenses, and nonlabor expenses. Associated advice letter filings do not generally arouse much controversy and are processed by CACD staff in the final two months of the attrition year." (52 CPUC 2d 471, at 485)

As noted above, SoCalGas would ordinarily file an advice letter to implement its previously authorized attrition allowance. As explained in this section, it was required to file an application for its 1996 allowance.

On December 28, 1994 SoCalGas filed a petition for modification of the rate case plan adopted by D.89-01-040 (30 CPUC 2d 576), seeking suspension of the requirement to file an

application for a TY 1997 GRC. As grounds for the request, SoCalGas stated that it was actively pursuing a performance-based ratemaking (PBR) mechanism to become effective January 1, 1997 and that the requirement for a TY 1997 GRC would be eliminated with approval of the PBR mechanism. By D.95-04-072 dated April 26, 1995 (CPUC 2d 22), the Commission granted the petition subject to several conditions intended to mitigate the risks created by the suspension of the GRC.

One of those conditions is relevant here. It provides that SoCalGas shall file an application rather than an advice letter to implement the 1996 attrition allowance. (D.95-04-072, slip op. p. 18, Ordering Paragraph 1, Condition e.) The Commission explained its rationale for this requirement as follows:

"SoCalGas' proposal fundamentally alters the three-year GRC cycle consisting of one test year based on an in-depth review of utility expenses followed by two attrition years in which rate adjustments are granted relatively automatically. It is our experience that an attrition adjustment is most likely to result in an increase, but when an authorized revenue reduction occurs, it is most likely to be for the TY at issue in a GRC decision. By eliminating the TY 1997 GRC, yet retaining the prior attrition adjustments, the balancing of ratepayer and utility interests embedded in the three-year cycle is significantly altered. Moreover, the parties in SoCalGas' TY 1994 GRC had no reason to expect that they were participating in the final such proceeding.

"Accordingly, we find it necessary to change the automatic nature of SoCalGas' operational attrition adjustment for 1996. To ensure due process as well as a fair balancing of utility and ratepayer interests, we will require SoCalGas, as a condition of our grant of the petition, to file an application rather than an advice letter for its 1996 attrition adjustment." (Id., at p. 14.)

2.3 Summary of Request

SoCalGas included with its application a detailed calculation of the labor and nonlabor expenses, capital related items, and other authorized items. The labor and nonlabor escalation factors are 3.20% and 3.68% respectively. In accordance with the Global Settlement, the amounts in excess of 3% (i.e. 0.20% and 0.68%) were applied in the operational attrition calculation. SoCalGas calculated operational and maintenance expense increases of \$5,049 million, capital related expense increases of \$14.913 million, and net decreases of \$8,095 million for other authorized items. Accordingly, SoCalGas seeks authority to increase its authorized revenue requirement by \$11,867 million effective January 1, 1996. The increase would be allocated among customer groups as follows:

**Attrition Year 1996
Summary of Requested Revenue Changes**

	\$MM	% Change
Core		
Residential	8.067	0.43
Commercial/Industrial	2.018	0.40
Transportation	0.700	0.64
Total	10.785	0.43
Noncore Retail		
Commercial/Industrial	0.371	0.42
Cogeneration	0.106	0.26
UEG	0.254	0.26
EOR	0.000	0.00
Total	0.731	0.28
Wholesale	0.214	0.40
Unbundled Storage	0.195	0.83
Zone Rate Credit	(0.580)	0.84
Grand Total	11,867	0.42

2.4 Notice and Responses

SoCalGas represented that it would provide notice of the application by mailing a notice stating in general terms the

requested relief to state and local government agencies; furnishing affected customers notice included with the regular bill for a portion charges transmitted to customers; and publishing in newspapers of general circulation in each of the counties within its service territory a notice of the proposal.

There are no protests or other formal responses to the application. The Commission's Public Advisor received communications from 91 individual ratepayers in response to the proposed bill insert notice.

3. Discussion

The Commission Advisory and Compliance Division (CACD) has reviewed the application. CACD has found that the request and supporting calculations are in compliance with the terms of the approved attrition mechanism as set forth in the Global Settlement. There are no protests or other formal responses to the application. Nevertheless, our purpose in requiring an application instead of an advice letter has been accomplished. Based on the foregoing, we will approve the request.

Our review of the communications from individual ratepayers discloses substantial ratepayer concerns with the frequency of SoCalGas' rate increase proposals and the regularity with which those proposals appear to be approved; the utility's perceived inability to control costs; and the burden that the proposed rate increase imposes on ratepayers. Notwithstanding these ratepayer concerns, they do not raise factual or policy issues which are appropriately addressed in this proceeding, given its very limited scope. We note that these concerns will be, or can be, considered in SoCalGas' current PBR proceeding. We commend to the parties in that proceeding a review of these ratepayer concerns.

This decision provides an appropriate vehicle for consolidating and incorporating the results of other year-end decisions affecting SoCalGas' rates. These include decisions made

the annual cost of capital proceeding (A.95-05-016 and related matters), the Biennial Cost Allocation Proceeding Update (Advice Letter 2448), the annual Demand Side Management earnings assessment proceeding (A.95-04-050) and SoCalGas' request for recovery of costs related to the Northridge earthquake (A.94-12-006). The rates set forth in Appendix A incorporate the results of the attrition authorization granted herein as well as these other proceedings.

Findings of Fact

1. As a condition of its order suspending the requirement that SoCalGas file a TY 1997 GRC, the Commission required SoCalGas to file an application rather than an advice letter to implement its 1996 attrition allowance.

2. There are no protests or other formal responses to this application. There are no protests or other formal responses to the ratepayer communications to the Public Advisor in response to notice of the application do not raise material issues that are within the scope of this limited proceeding.

4. There are no factual or policy issues for which hearings are required.

5. SoCalGas has calculated its 1996 attrition allowance in accordance with the Global Settlement.

6. The requested operational and rate base attrition allowance for 1996 offsets, in part, the effect of inflation on SoCalGas' overall cost of doing business.

Conclusions of Law

1. This application is properly considered on an ex parte basis.

2. SoCalGas should be authorized to increase its revenue requirement for 1996 by \$11.9 million as set forth in this decision.

3. SoCalGas should be authorized and directed to file tariff sheets incorporating the rates set forth in Appendix A.

4. There are no unresolved issues, and the proceeding should be closed.

5. To ensure the orderly filing and processing of tariff sheets to become effective January 1, 1996, this order should be made effective today.

O R D E R

1. The application of Southern California Gas Company (SoCalGas) to increase its authorized revenue requirement for 1996 is granted as provided herein.

2. On or before December 28, 1995, SoCalGas shall file with this Commission revised tariff sheets which incorporate the rates set forth in Appendix A. The revised tariff sheets shall become effective January 1, 1996 and shall comply with General Order 96-A.

3. This proceeding is closed.

This order is effective today.

Dated December 20, 1995, at San Francisco, California.

DANIEL Wm. FESSLER
President
P. GREGORY CONLON
JESSIE J. KNIGHT, JR.
HENRY M. DUQUE
JOSIAH L. NEEPER
Commissioners

SOCAL GAS RATES AND REVENUES

SOCAL GAS REVENUE ADOPTED DECEMBER 20, 1995		ADOPTED THROUGHOUT	PRESENT RATES (\$/M)	PRESENT REVENUE (\$000)	ADOPTED RATES (\$/M)	ADOPTED REVENUE (\$000)	CHANGE IN REVENUE (\$000)
CORE SALES							
RESIDENTIAL							
	CUSTOMER CHARGE		\$4.05	210027	\$5.00	259292	49265
	SUBMETER CREDIT			-3260		-2131	1129
	Tier 1 VOLUMETRIC	1,610,756	0.52593	847145	0.50867	819349	-27802
	Tier 2 VOLUMETRIC	1,004,681	0.72264	726029	0.68671	689924	-36099
G-10							
	CUSTOMER CHARGE		\$15.00	30699	\$15.00	30699	0
	Tier 1 VOLUMETRIC	127,850	0.77266	99449	0.77690	99327	-122
	Tier 2 VOLUMETRIC	657,652	0.57264	319334	0.49456	275792	-43541
G-20							
	CUSTOMER CHARGE		\$350.00	417	\$350.00	417	0
	VOLUMETRIC	73,249	0.35833	26247	0.33791	24752	-1495
NON-RES GAS A/C							
	CUSTOMER CHARGE		\$150.00	49	\$150.00	49	0
	VOLUMETRIC	1,599	0.33691	539	0.31668	506	-32
NON-RES GAS ENGINE							
	CUSTOMER CHARGE		\$50.00	192	\$50.00	192	0
	VOLUMETRIC	7,355	0.35485	2610	0.33461	2451	-159
	TOTAL SALES REVENUE			2259471		2200624	-58847
CORE TRANSPORTATION							
RESIDENTIAL							
	CUSTOMER CHARGE		\$4.05	84146	\$5.00	5118	922
	SUBMETER CREDIT			-71		-42	29
	Tier 1 VOLUMETRIC	31,793	0.35149	11175	0.33635	10694	-481
	Tier 2 VOLUMETRIC	19,830	0.54820	10874	0.51439	10200	-670
G-10							
	CUSTOMER CHARGE		\$15.00	8291	\$15.00	8291	0
	Tier 1 VOLUMETRIC	34,529	0.60341	20835	0.60458	20876	40
	Tier 2 VOLUMETRIC	150,607	0.39820	59972	0.32224	48532	-11440
G-20							
	CUSTOMER CHARGE		\$350.00	61	\$350.00	61	0
	VOLUMETRIC	10,791	0.18389	1984	0.17129	1848	-136
NON-RES GAS A/C							
	CUSTOMER CHARGE		\$150.00	0	\$150.00	0	0
	VOLUMETRIC		0.16246	0	0.14436	0	0
NON-RES GAS ENGINE							
	CUSTOMER CHARGE		\$50.00	112	\$50.00	112	0
	VOLUMETRIC	4,302	0.18041	776	0.16229	698	-78
	CARE SURCHARGE	3,468,302	0.00566	19631	0.00884	30660	11029
	TRANSPORTATION REVENUE			137783		137047	-735
	SALES REVENUE			2259471		2200624	-58847
	TOTAL CORE REVENUE			2397253		2337671	-59582

SOCIAL GAS RATES AND REVENUES

SOCIAL GAS REVENUE
ADOPTED DECEMBER 20, 1995

	Throughput (MM)	PRESENT RATES (\$/M)	PRESENT REVENUE (\$000)	ADOPTED RATES (\$/M)	ADOPTED REVENUE (\$000)	CHANGE IN REVENUE (\$000)
NONCORE RETAIL						
INDUSTRIAL G-30	1174887	0.05405	63503	0.05949	69894	6391
TRANSPORT	1174887	0.0212	24908	0.01804	21195	-3713
ITCS	1174887	0.00566	6650	0.00884	10388	3738
CARE SURCHARGE						
COGENERATION						
VOLUMETRIC	824830	0.02775	22889	0.03496	28836	5947
ITCS	824830	0.0212	17486	0.01804	14850	-2636
UTILITY ELECTRIC GENERATION (UEG)						
VOLUMETRIC	1889390	0.02775	52206	0.03496	65549	13343
ITCS	1889390	0.0212	40175	0.01804	34085	-6090
NONCORE WHOLESALE						
LONG BEACH	65100	0.02934	1949	0.03801	2474	525
STORAGE CHARGE	65100	0.00875	570	0.00794	517	-53
VOLUMETRIC	1082910	0.02185	23662	0.02987	32347	8685
ITCS	1082910	0.01328	14381	0.01155	12508	-1873
SD&E	1082910	0.01328	14381	0.01155	12508	-1873
VOLUMETRIC	98600	0.04144	4086	0.04961	4892	806
TRANSPORT	98600	0.00568	560	0.00532	525	-35
ITCS						
BROKERAGE FEES						
ZONE RATE CREDIT	241943	0.00266	644	0.00266	644	0
	2002970	-0.00348	-6970	-0.00355	-7111	-140
NONCORE REVENUE						
CORE REVENUE			272300		298026	25726
TOTAL REVENUE			2397253		2337671	-59582
			2669553		2635697	-33856

SOCAL GAS RATES AND REVENUES

SOCAL GAS RATE CHANGES

ADOPTED DECEMBER 20, 1995
EFFECTIVE JANUARY 1, 1996

	PRESENT RATES (\$/V)	D 95-11-052 COST OF CAPITAL (\$/V)	RESULTING RATES (\$/V)	A 95-01-050 OSM CHANGE (\$/V)	RESULTING RATES (\$/V)	A 95-01-050 TAX ACCT. CHANGE (\$/V)	RESULTING RATES (\$/V)	A 94-12-006 CEMA CHANGE (\$/V)	RESULTING RATES (\$/V)	AL 2443 BCAP CHANGE (\$/V)	RESULTING RATES (\$/V)	A 95-06-003 ATTRITION CHANGES (\$/V)	FINAL ADOPTED RATES (\$/V)
CORE SALES													
RESIDENTIAL													
Tier I VOLUMETRIC	0.52593	-0.00275	0.52318	-0.00120	0.52198	0.00171	0.52369	0.00657	0.52926	-0.02338	0.50588	0.00278	0.50867
Tier II VOLUMETRIC	0.72264	-0.00373	0.71891	-0.00181	0.71710	0.00231	0.71941	0.00752	0.72713	-0.04420	0.68293	0.00378	0.68671
G-10													
Tier I VOLUMETRIC	0.77706	-0.00640	0.77066	-0.00608	0.76458	0.00398	0.77056	0.01292	0.78328	-0.12860	0.65468	0.00649	0.66117
Tier II VOLUMETRIC	0.97264	-0.00155	0.97109	-0.00050	0.97059	0.00098	0.97155	0.00313	0.97468	-0.08169	0.49295	0.00157	0.49456
G-20													
NON RES GAS AC VOLUMETRIC	0.35833	-0.00065	0.35768	-0.00136	0.35632	0.00040	0.35672	0.00131	0.35803	-0.02078	0.33725	0.00066	0.33791
NON RES GAS AC VOLUMETRIC	0.33691	-0.00073	0.33618	-0.00137	0.33481	0.00046	0.33527	0.00148	0.33675	-0.02081	0.31594	0.00074	0.31668
NON RES GAS ENGINE VOLUMETRIC	0.35435	-0.00080	0.35355	-0.00137	0.35218	0.00050	0.35268	0.00163	0.35431	-0.02102	0.33327	0.00081	0.33408
CORE TRANSPORTATION													
RESIDENTIAL													
Tier 1 VOLUMETRIC	0.35149	-0.00275	0.34874	-0.00120	0.34754	0.00171	0.34925	0.00657	0.35482	-0.02128	0.33354	0.00279	0.33633
Tier 2 VOLUMETRIC	0.54827	-0.00373	0.54454	-0.00162	0.54292	0.00231	0.54523	0.00752	0.55295	-0.04297	0.51067	0.00378	0.51445
G-10													
Tier 1 VOLUMETRIC	0.60341	-0.00640	0.59701	-0.00608	0.59093	0.00397	0.59490	0.01292	0.60882	-0.01073	0.59809	0.00649	0.60458
Tier 2 VOLUMETRIC	0.96826	-0.00155	0.96671	-0.00051	0.96620	0.00153	0.96773	0.00313	0.97086	-0.07956	0.32124	0.00157	0.32281
G-20													
NON RES GAS AC VOLUMETRIC	0.18389	-0.00065	0.18324	-0.00136	0.18188	0.00040	0.18228	0.00131	0.18359	-0.01866	0.16420	0.00066	0.16587
NON RES GAS AC VOLUMETRIC	0.16246	-0.00073	0.16173	-0.00137	0.16036	0.00046	0.16082	0.00148	0.16230	-0.01868	0.14362	0.00074	0.14436
NON RES GAS ENGINE VOLUMETRIC	0.18041	-0.00080	0.17961	-0.00137	0.17824	0.00050	0.17874	0.00163	0.18037	-0.01889	0.16148	0.00081	0.16229
CARE SURCHARGE													
CARE SURCHARGE	0.00666	0.0	0.00666	0.0	0.00666	0.0	0.00666	0.0	0.00666	0.00318	0.00884	0.00000	0.00884

SOCAL GAS RATES AND REVENUES

SOCAL GAS RATES AND REVENUES

SOCAL GAS RATE CHANGES

ADOPTED DECEMBER 20, 1995
EFFECTIVE JANUARY 1, 1996

	PRESENT RATES (\$/Y)	D 95-11-062 COST OF CAPITAL (\$/Y)	RESULTING RATES (\$/Y)	A 95-04-050 DSM CHANGE (\$/Y)	RESULTING RATES (\$/Y)	A 95-04-050 TAX ADJ. CHANGE (\$/Y)	RESULTING RATES (\$/Y)	A 94-12-008 CEMA CHANGE (\$/Y)	RESULTING RATES (\$/Y)	AL 2449 BCAP CHANGE (\$/Y)	RESULTING RATES (\$/Y)	A 95-06-003 ATTRITION CHANGE (\$/Y)	FINAL ADOPTED RATES (\$/Y)
NONCORE RETAIL													
INDUSTRIAL G-30*													
TRANSPORT	0 05405	-0 00032	0 05373	0 0	0 05373	0 00020	0 05393	0 00066	0 05459	0 00457	0 05916	0 00033	0 05949
ITCS	0 02120	0 0	0 02120	0 0	0 02120	0 0	0 02120	0 0	0 02120	-0 00318	0 01804	0 0	0 01804
CARE SURCHARGE	0 00566	0 0	0 00566	0 0	0 00566	0 0	0 00566	0 0	0 00566	0 00318	0 00884	0 00000	0 00884
COGENERATION													
VOLUMETRIC	0 02775	-0 00014	0 02761	0 0	0 02761	0 00009	0 02770	0 00029	0 02799	0 00682	0 03481	0 00014	0 03495
ITCS	0 02120	0 0	0 02120	0 0	0 02120	0 0	0 02120	0 0	0 02120	-0 00318	0 01804	0 0	0 01804
UTILITY ELECTRIC GENERATION													
VOLUMETRIC	0 02775	-0 00014	0 02761	0 0	0 02761	0 00009	0 02770	0 00029	0 02799	0 00682	0 03481	0 00014	0 03495
ITCS	0 02120	0 0	0 02120	0 0	0 02120	0 0	0 02120	0 0	0 02120	-0 00318	0 01804	0 0	0 01804
NONCORE WHOLESALE													
LONG BEACH	0 02994	-0 00018	0 02976	0 0	0 02976	0 00010	0 02986	0 00032	0 03020	0 00784	0 03804	0 00017	0 03901
VOLUMETRIC	0 00875	0 0	0 00875	0 0	0 00875	0 0	0 00875	0 0	0 00875	-0 00091	0 00784	0 0	0 00784
ITCS	0 01328	0 0	0 01328	0 0	0 01328	0 0	0 01328	0 0	0 01328	-0 00173	0 01155	0 0	0 01155
SOGSE	0 02185	-0 00013	0 02172	0 0	0 02172	0 00008	0 02180	0 00026	0 02206	0 00768	0 02974	0 00013	0 02987
VOLUMETRIC	0 01328	0 0	0 01328	0 0	0 01328	0 0	0 01328	0 0	0 01328	-0 00173	0 01155	0 0	0 01155
ITCS	0 01184	-0 00026	0 01158	0 0	0 01158	0 00016	0 01174	0 00052	0 01186	0 00748	0 01935	0 00026	0 01961
ITCS	0 00562	0 0	0 00562	0 0	0 00562	0 0	0 00562	0 0	0 00562	-0 00036	0 00532	0 0	0 00532
BROKERAGE FEES	0 00266	0 0	0 00266	0 0	0 00266	0 0	0 00266	0 0	0 00266	0 0	0 00266	0 0	0 00266
ZONE RATE CREDIT	-0 00342	0 00003	-0 00345	0 0	-0 00345	-0 00002	-0 00347	-0 00005	-0 00352	0 0	-0 00352	-0 00003	-0 00355
* See Page 5 for Details													

SO CAL GAS RATES AND REVENUES

SOCAL GAS RATES AND REVENUES

SOCAL GAS RATE CHANGES

ADOPTED DECEMBER 20, 1995
EFFECTIVE JANUARY 1, 1996

	PRESENT RATES (\$/yr)	D 95-11-062 COST OF CAPITAL (\$/yr)	RESULTING RATES (\$/yr)	A.95-04-060 DSM CHANGE (\$/yr)	RESULTING RATES (\$/yr)	A.95-04-060 TAX ACCT. CHANGE (\$/yr)	RESULTING RATES (\$/yr)	A.94-12-006 CEMA CHANGE (\$/yr)	RESULTING RATES (\$/yr)	AL 2448 BCAP CHANGE (\$/yr)	RESULTING RATES (\$/yr)	A.95-06-003 ATTRITION CHANGES (\$/yr)	FINAL ADOPTED RATES (\$/yr)
NONCORE INDUSTRIAL (G-30)													
MEDIUM PRESSURE													
0 - 25 Mwh	0.16630	-0.00109	0.16521	0.0	0.16521	0.00060	0.16581	0.00219	0.16800	0.00437	0.17237	0.00110	0.17347
25 - 100 Mwh	0.08123	-0.00065	0.08058	0.0	0.08058	0.00041	0.08099	0.00131	0.08230	0.00451	0.08681	0.00066	0.08747
> 100 Mwh	0.07453	-0.00057	0.07426	0.0	0.07426	0.00036	0.07462	0.00116	0.07578	0.00454	0.08032	0.00058	0.08090
HIGH PRESSURE													
0 - 25 Mwh	0.13753	-0.00074	0.13679	0.0	0.13679	0.00046	0.13725	0.00143	0.13874	0.00426	0.14300	0.00075	0.14375
25 - 100 Mwh	0.03976	-0.00028	0.03948	0.0	0.03948	0.00017	0.03965	0.00058	0.04023	0.00454	0.04477	0.00029	0.04506
100 - 200 Mwh	0.03477	-0.00023	0.03454	0.0	0.03454	0.00014	0.03468	0.00046	0.03514	0.00456	0.03970	0.00023	0.03993
> 200 Mwh	0.03391	-0.00020	0.03371	0.0	0.03371	0.00013	0.03384	0.00040	0.03424	0.00457	0.03881	0.00020	0.03901
TRANSMISSION													
0 - 200 Mwh	0.03307	-0.00030	0.03277	0.0	0.03277	0.00018	0.03295	0.00061	0.03357	0.00466	0.03823	0.00030	0.03853
> 200 Mwh	0.02760	-0.00014	0.02746	0.0	0.02746	0.00009	0.02755	0.00029	0.02784	0.00470	0.03254	0.00015	0.03269