SOUTHWEST GAS CORPORATION

LOW-INCOME ASSISTANCE PROGRAMS
2007 ANNUAL REPORT

Reporting Period:
January 1, 2007 through December 31, 2007

Southwest Gas Corporation
5241 Spring Mountain Road
P.O. Box 98510
Las Vegas, Nevada 89193-8510

May 2008

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking on the Commission's Proposed Policies and Programs Governing Post-2003 Low-Income Assistance Programs.	Rulemaking 04-01-006 (Filed January 8, 2004)

SOUTHWEST GAS CORPORATION (U 905 G)
LOW-INCOME ASSITANCE PROGRAMS
2007 ANNUAL REPORT

Debra S. Jacobson, Director
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Dated: April 30, 2008

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking on the Commission's Proposed Policies and Programs Governing Post-2003 Low-Income Assistance Programs.	Rulemaking 04-01-006 (Filed January 8, 2004)

SOUTHWEST GAS CORPORATION (U 905 G)
LOW-INCOME ASSITANCE PROGRAMS
2007 ANNUAL REPORT

Southwest Gas Corporation (Southwest) respectfully submits its Annual Report on low-income assistance programs in accordance with the requirements set forth in the April 5, 2004 Second Energy Division Workshop Report on the Review of the Accounting and Reporting Requirements for the California Alternate Rate for Energy (CARE) and Low-Income Energy Efficiency (LIEE) programs of the Small and Multi-Jurisdictional Utilities (SMJU).[1]

Rate Recovery

Expenses listed in this report are consistent with the amounts approved by the Commission in D.06-12-036.

Reporting

Southwest's 2007 Low-Income Assistance Programs Annual Report consists of the following sections:

Section I – CARE Residential Program
Section II – CARE Expanded Program
Section III – LIEE Program
a. Table VIII.A – Expenditures
b. Table VIII.B – Administrative Expenses
c. Table VIII.C – Outreach Activities
d. Table VIII.D – Installations and Costs
e. Table VIII.E – Energy Savings

Dated this 30th day of April, 2008.

Respectfully submitted,

Debra S. Jacobson, Director
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[1] Ordering paragraph 5, D.05-07-014, issued in Rulemaking 04-01-006 and Application 06-06-002, et al.

CERTIFICATE OF SERVICE

I certify that I have this day served a copy of SOUTHWEST GAS CORPORATION'S (U 905 G) LOW-INCOME ASSITANCE PROGRAMS 2007 ANNUAL REPORT on all parties in proceeding Rulemaking 04-01-006 by electronic mail, or regular first class mail delivery for those parties where an electronic mail address was not available.

Dated at Las Vegas, Nevada this 30th day of April, 2008.

Telma López

An employee of Southwest Gas Corporation

Section I

Low-Income Assistance Programs
2007 Annual Report

— CARE Residential Program —

Southwest Gas Corporation
(U 905 G)
Low-Income Assistance Programs
2007 Annual Report
January 1, 2007 – December 31, 2007

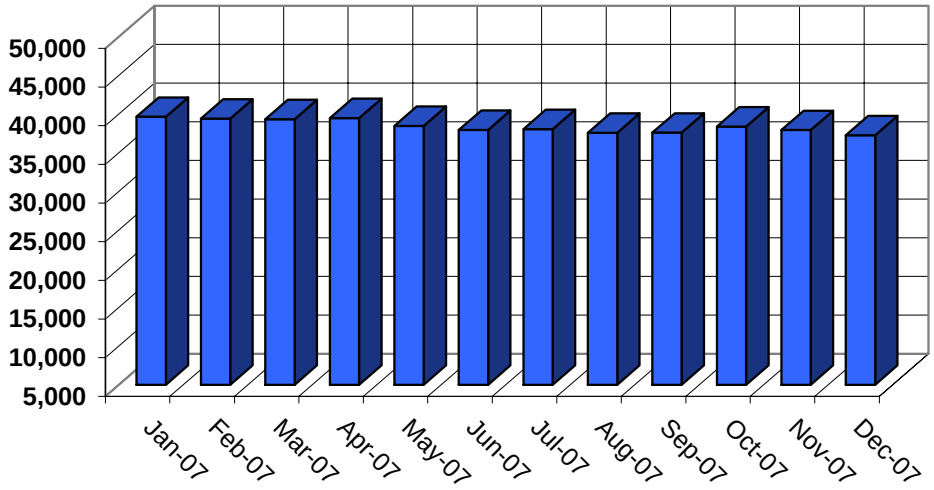
CARE Residential Program

I. PARTICIPANT INFORMATION

A. Number of participating low-income households, including submetered households, by month. The data should be provided in a numerical table and in graph form.

See Table I.A for the number of CARE participants, including submetered participants, by month. Figure 1.A.1 is a graph depicting the same information.

CARE Participants By Month
Figure I.A.1



1. Provide an explanation of any variance in the number of participants of 5 percent or more from the previous month.

There were no variations or fluctuations over five percent in the number of participants from the previous month.

2. Provide an explanation of a variance in the number of participants, calculated as the difference between participation at the beginning of the year compared to the end of the year, of 5 percent or more.

There were no variations or fluctuations over five percent in the number of participants from the end of the previous year.

SOUTHWEST GAS CORPORATION
Summary of CARE Data
CARE Program Participant Information
TABLE I. A.

Table I. A. Number of CARE participants, including submetered households, by month

DISTRICT	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Monthly Average
Barstow 11	3,205	3,166	3,119	3,106	2,982	2,945	2,951	2,890	2,922	3,006	2,935	2,866	3,008
Victorville 12	32,098	32,000	31,790	32,116	31,355	30,965	31,085	30,672	30,627	31,284	30,888	30,322	31,267
Big Bear 13	1,792	1,708	1,899	1,779	1,728	1,706	1,695	1,686	1,718	1,711	1,700	1,678	1,733
N. Calif. 14	343	340	338	334	322	314	304	313	318	322	336	329	326
Truckee 15	281	285	278	273	262	250	240	231	231	233	237	251	254
South Lake Tahoe 16	1,639	1,623	1,624	1,598	1,533	1,502	1,547	1,547	1,570	1,592	1,602	1,581	1,580
Needles 19	296	291	286	275	278	270	256	244	228	248	246	239	263
All Districts	***39,654***	***39,413***	***39,334***	***39,481***	***38,460***	***37,952***	***38,078***	***37,583***	***37,614***	***38,396***	***37,944***	***37,266***	***38,431***

Table I. A. Variance in number of CARE participants, including submetered households, from previous month

DISTRICT	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Annual Increase/ Decrease [1]
Barstow 11	0.6%	(1.2%)	(1.5%)	(0.4%)	(4.0%)	(1.2%)	0.2%	(2.1%)	1.1%	2.9%	(2.4%)	(2.4%)	(10.1%)
Victorville 12	2.1%	(0.3%)	(0.7%)	1.0%	(2.4%)	(1.2%)	0.4%	(1.3%)	(0.1%)	2.1%	(1.3%)	(1.8%)	(3.6%)
Big Bear 13	1.2%	(4.7%)	11.2%	(6.3%)	(2.9%)	(1.3%)	(0.6%)	(0.5%)	1.9%	(0.4%)	(0.6%)	(1.3%)	(5.3%)
N. Calif. 14	1.5%	(0.9%)	(0.6%)	(1.2%)	(3.6%)	(2.5%)	(3.2%)	3.0%	1.6%	1.3%	4.3%	(2.1%)	(2.7%)
Truckee 15	0.7%	1.4%	(2.5%)	(1.8%)	(4.0%)	(4.6%)	(4.0%)	(3.8%)	0.0%	0.9%	1.7%	5.9%	(10.0%)
South Lake Tahoe 16	1.6%	(1.0%)	0.1%	(1.6%)	(4.1%)	(2.0%)	3.0%	0.0%	1.5%	1.4%	0.6%	(1.3%)	(2.0%)
Needles 19	(2.6%)	(1.7%)	(1.7%)	(3.8%)	1.1%	(2.9%)	(5.2%)	(4.7%)	(6.6%)	8.8%	(0.8%)	(2.8%)	(21.4%)
All Districts	***1.8%***	***(0.6%)***	***(0.2%)***	***0.4%***	***(2.6%)***	***(1.3%)***	***0.3%***	***(1.3%)***	***0.1%***	***2.1%***	***(1.2%)***	***(1.8%)***	***(4.3%)***

[1] Due to the anomalies caused by cycle billing, the annual increase/decrease for the 2007 program year is derived by comparing December 2006 customer counts to December 2007 customer counts.

B. Provide an updated estimate of potentially eligible households and state source of figures. Questions 2 through 5 should be completed using Table I. B.

1. What is the total number of residential customers?

Total Primary and Secondary Residential Customers as of December 31, 2007:

Southern California	127,907
Northern California	40,233
Total	**168,140***

*Secondary Residential Customers are excluded when calculating Total Estimated Eligible CARE participants and Total Actual Participants as stated in succeeding responses.

2. How many potential CARE eligible households are in your service territory?

Southwest estimates the following potential CARE eligible households by service territories:

Estimated Eligible CARE Participants

Southern California	44,133
Northern California	2,872
Total Estimated	**47,005**

Please see Table I.B for a monthly breakdown of CARE Program participation numbers.

3. What percentage of the customer base for this utility, as defined by the income and household size criteria, is estimated eligible for the CARE discount?

Percent Estimated Eligible for the CARE Program discount:

Southern California	36.62%
Northern California	14.65%

Please see Table I.B for a monthly breakdown of CARE Program participation numbers.

4. How many CARE participants, including submetered tenants, are signed up for CARE, and what percentage is that to the total number of customers eligible for CARE?

As of December 31, 2007, there were 37,266 Southwest customers participating in the CARE Program, which represents approximately 79 percent of the total estimated eligible.

Please see Table I.B for a monthly breakdown of CARE Program participation numbers.

SOUTHWEST GAS CORPORATION
2007 CARE PARTICIPATION
TABLE I.B

Month	Enrolled by Non-Capitation	Enrolled by Capitation	Total Enrolled [1]		Total CARE Participants	Estimated Eligible [2]	Participation Rate
January	2,392	6	2,398		39,654	47,219	84%
February	1,748	6	1,754		39,413	47,219	83%
March	2,742	21	2,763		39,334	47,219	83%
April	2,230	2	2,232		39,481	47,219	84%
May	1,370	2	1,372		38,460	47,219	81%
June	1,466	15	1,481		37,952	47,219	80%
July	2,889	139	3,028		38,078	47,005	81%
August	2,097	7	2,104		37,583	47,005	80%
September	2,139	6	2,145		37,614	47,005	80%
October	2,761	1	2,762		37,396	47,005	80%
November	2,139	10	2,149		37,944	47,005	81%
December	1,831	6	1,837		37,266	47,005	79%

[1] Total enrolled by month include both first-time CARE customers and those re-enrolled on the CARE rate.
[2] Estimated eligible CARE customers were re-evaluated mid-year. Estimated eligible for January through June were reported in the Low-Income Assistance Programs 2007 Mid-Year Status Report filed on August 1, 2007.

5. Provide the methodology used to estimate the number of eligible households in this utility's service area.

(a) State the source of statistics and, explain any modifications made. For example, modifications to the U.S. census data for undercounts of ethnic groups, such as Hispanics.

Current estimates of the number of potentially eligible participants in the CARE Program were calculated by utilizing economic and demographic survey data collected by Southwest. Specifically, cross-tabulations of income and persons per household information provided the basis for the estimates. Most recent Census data was reviewed as a reasonableness check of the estimates.

<u>Submetered Participants (Master-Metered Customers)</u>

C. How many master-metered customers with submetered tenants are in this utility's service territory as of the end of the reporting period?

There are 200 master-metered accounts in Southwest's service areas – 59 with sub-metering and 141 without submetering.

D. How many submetered tenants are estimated to be CARE eligible?

Southwest estimates 1,092 submetered tenants are potentially eligible for CARE.

1. **How many submetered tenants are participating in CARE as of the end of the reporting period and what is the participation rate as compared to the estimated number eligible?**

   Southwest had 1,089 submetered CARE Program participants as of December 31, 2007, which represents approximately 99.73 percent of the total estimated eligible.

2. **Discuss any problems encountered during the reporting period in administering CARE for submetered tenants and/or master-metered customers.**

   Southwest works with master-metered customers to explain the program and how discounts should be applied to their submetered tenants. These discussions resulted in Southwest enrolling 264 new submetered customers during 2007, an increase of 24 percent. There were no reported instances of problems encountered during this reporting period.

II. USAGE INFORMATION

A. Provide tables showing monthly average Tier 1 and Tier 2 consumption for all residential customers (excluding CARE participants) by baseline territory (climate zone) and on a total basis. This information should be provided for summer and winter billing seasons. Do not include master-metered consumption.

Please see Table II.A for average residential usage (excluding CARE Program participants and master-metered usage).

B. Provide tables showing monthly average Tier 1 and Tier 2 consumption for CARE participants by baseline territory and on a total basis. Provide this information for summer and winter billing seasons. Do not include master-metered consumption.

Please see Table II.B for average CARE Program participant usage

C. Provide a table showing average consumption by residential customers (excluding CARE participants) vs. CARE participants for the utility's entire service territory. Do not include master-metered consumption.

Please see Table II.C for average usage for non-CARE residential customers vs. CARE Program participants.

III. PROGRAM COSTS

A. Provide a table showing the average monthly bill per residential customer for each baseline territory and for the total service territory.

Please see Table III.A for the average monthly bill per residential customer.

B. Provide a table showing the average monthly bill for CARE participants for each baseline territory and for the total service territory.

Please see Table III.B for the average monthly bill per CARE Program participant.

C. Provide a table showing the average monthly discount by baseline territory and 12 months ending (end of reporting period) in dollars per CARE participant.

Please see Table III.C for the average monthly discount by baseline territory for the 12 months ending December 31, 2007.

D. For total CARE administrative costs, compute a table showing administrative costs per participating customer.

Please see Table III.D.1 for the administrative costs per CARE Program participant.

E. Complete Table III. D.2 which gives a breakdown of administrative costs in the following categories: Outreach; General Administration; Processing, Certification and Verification; Billing System Programming; Regulatory Compliance.

Please see Table III.D.2 for the breakdown of CARE Program administrative costs.

1. Provide the amount and a brief explanation of what is included in each of these categories.

Below are descriptions of the types of costs incurred by category. Please reference Table III.D.2 for the breakdown of the CARE Program administrative costs.

Outreach

Outreach activities include bill inserts, direct mailings, distribution of applications, website enrollment, bill messages, brochures, data sharing with other utilities, capitation fees paid to organizations, and a variety of other activities summarized in Table IV.A.

Processing, Certification and Verification

Processing, Certification and Verification includes services performed to process applications and verify and certify the applicant's eligibility.

Processing – Creation of customer service system orders to initiate or remove an applicant from the CARE program.

Certification – Review of application for completeness, conformance with established income parameters, and comparison with customer service system for customer of record. Recertification efforts, including automated reminder calls to re-enroll in the program, are also included in this category.

Verification – Review of application for income eligibility, requests for proof of eligibility, repeat contacts with applicants for additional information, and random sampling of applications. CARE applications and accompanying income documentation, when applicable, are electronically scanned for record keeping purposes. The scanning process was implemented in 2007.

General Administration

General Administration includes expenses related to program tracking, reporting and regulatory compliance. Labor expenses for the CARE program administrators are also included, along with travel expenses to attend meetings and workshops with the Commission and other utilities.

Billing System Programming

Billing System Programming includes additional programming efforts to create and modify the customer service system database to gather and track customer data for multiple purposes, including recertification notification, random income verification, data sharing, and reports required by the CPUC. Additionally, an outside contractor is utilized to assist with CARE data sharing with other SMJUs

for confidentiality reasons, when applicable. Billing System Programming is a sub-category of General Administration in Table III.D.2.

Regulatory Compliance

Regulatory Compliance includes costs related to the preparation of Commission-mandated filings and reports. Travel costs are also included for attendance at Commission hearings and workshops. Regulatory Compliance is a sub-category of General Administration in Table III.D.2.

2. What are the Billing and General administrative costs incurred for non-CARE residential customers?

While not specifically quantified, Billing and General administrative costs for a non-CARE account should generally be below the average cost reported for CARE applicants. A regular applicant requires less labor-intensive review and tracking of the application process. An extra customer service system change order and continuing maintenance of the CARE information is avoided with non-CARE accounts.

SOUTHWEST GAS CORPORATION
Summary of CARE Data
All Residential Customers
TABLE II. A. – USAGE INFORMATION

Table II. A. Usage Information (In Therms) [1]

Average Tier 1 usage for all residential customers (excluding CARE participants master-metered consumption)	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
DISTRICT																
Barstow 11	52.66	44.86	40.26	23.03	14.27	9.55	10.65	9.49	10.84	11.31	16.00	46.72	289.45	24.14	37.26	11.02
Victorville 12	58.59	53.05	47.71	30.37	22.45	12.71	11.94	8.43	11.73	12.42	20.33	47.57	328.51	28.11	42.94	13.28
Big Bear 13	74.66	69.55	64.03	48.99	38.11	21.00	14.00	10.78	13.64	25.01	44.13	62.46	478.98	40.53	53.37	14.86
N. Calif. 14	83.55	76.04	74.23	63.34	49.29	26.00	16.14	14.80	16.65	38.16	60.55	72.31	587.06	49.26	64.68	18.40
Truckee 15	73.47	67.22	64.54	56.24	47.08	23.37	14.99	9.91	14.77	30.50	55.24	66.38	515.43	43.64	57.58	15.76
South Lake Tahoe 16	119.95	105.39	90.44	66.24	44.54	25.98	17.79	14.25	19.26	44.22	70.08	98.06	701.16	59.68	79.87	19.32
Needles 19	23.20	20.67	20.40	13.57	11.27	7.28	7.14	6.53	3.50	7.03	-6.42	15.99	147.00	10.85	14.57	7.13
All Districts	***69.34***	***62.66***	***56.49***	***38.86***	***28.23***	***15.87***	***13.11***	***9.71***	***13.25***	***19.49***	***32.06***	***57.11***	***407.18***	***34.68***	***50.04***	***14.25***

Average Tier 2 usage for all residential customers (excluding CARE participants master-metered consumption)	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
DISTRICT																
Barstow 11	39.46	17.12	5.62	0.78	5.70	5.98	3.35	2.91	3.00	5.86	4.67	15.81	109.94	9.19	13.91	4.47
Victorville 12	33.82	26.69	11.15	1.47	5.53	0.69	4.23	3.93	3.94	7.03	6.36	11.07	118.77	9.66	15.09	4.23
Big Bear 13	42.98	40.87	21.66	6.18	3.59	56.38	3.96	3.34	5.18	8.25	4.01	20.20	160.50	18.05	18.47	17.22
N. Calif. 14	44.91	30.92	24.94	11.70	3.67	7.22	5.52	3.64	6.45	9.56	8.13	23.64	178.04	15.03	19.68	5.71
Truckee 15	60.57	51.48	32.15	13.26	6.97	4.58	6.23	4.99	5.79	14.22	11.04	30.91	238.11	20.18	27.58	5.40
South Lake Tahoe 16	8.36	5.20	2.94	1.76	0.35	1.55	0.84	0.44	0.80	3.15	0.84	4.30	29.81	2.54	3.36	0.91
Needles 19	12.50	15.72	3.85	0.47	0.51	15.23	2.02	1.48	0.68	2.72	0.13	1.55	46.15	4.74	5.70	3.77
All Districts	***32.30***	***24.78***	***11.58***	***2.69***	***4.58***	***5.32***	***3.73***	***3.32***	***3.63***	***6.79***	***5.47***	***12.33***	***114.17***	***9.71***	***14.83***	***5.96***

Average Tier 1 and Tier 2 usage for all residential customers (excluding CARE participants master-metered consumption)	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
DISTRICT																
Barstow 11	92.12	61.98	45.88	23.81	19.96	15.53	14.00	12.39	13.85	17.17	20.66	62.53	399.39	33.32	51.16	15.48
Victorville 12	92.41	79.75	58.86	31.84	27.98	13.39	16.17	12.35	15.67	19.45	26.69	58.64	447.28	37.77	58.03	17.50
Big Bear 13	117.65	110.42	85.69	55.17	41.71	77.38	17.96	14.12	18.82	33.25	48.13	82.66	639.48	58.58	71.84	32.07
N. Calif. 14	128.45	106.97	99.17	75.04	52.97	33.22	21.67	18.44	23.10	47.72	68.69	95.95	765.11	64.28	84.37	24.11
Truckee 15	134.04	118.70	96.70	69.50	54.05	27.95	21.22	14.90	20.57	44.71	66.27	97.30	753.54	63.83	85.16	21.16
South Lake Tahoe 16	128.31	110.59	93.39	68.01	44.89	27.53	18.63	14.69	20.07	47.36	70.91	102.36	730.97	62.23	83.23	20.23
Needles 19	35.70	36.38	24.25	14.05	11.78	22.51	9.16	8.01	4.18	9.75	-6.29	17.53	193.14	15.58	20.27	10.90
All Districts	***101.64***	***87.44***	***68.07***	***41.55***	***32.81***	***21.20***	***16.84***	***13.04***	***16.88***	***26.28***	***37.53***	***69.43***	***521.35***	***44.39***	***64.87***	***20.21***

[1] Data in Table II.A. are based on billing records.

SOUTHWEST GAS CORPORATION
Summary of CARE Data
CARE Program Participants
TABLE II. B. – USAGE INFORMATION

Table II. B. Usage Information (In Therms) [1]

Average Tier 1 usage for CARE participants (excluding master-metered consumption)	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
DISTRICT																
Barstow 11	53.46	45.84	42.56	25.77	16.50	12.00	11.55	9.38	11.68	12.32	17.81	47.59	310.68	25.54	38.84	12.24
Victorville 12	58.62	52.22	47.02	31.89	22.59	13.47	12.76	9.19	12.59	13.69	21.92	48.78	340.41	28.73	43.41	14.05
Big Bear 13	76.64	73.44	66.31	51.72	40.15	23.06	15.70	12.48	16.41	29.86	48.94	65.61	519.63	43.36	56.58	16.91
N. Calif. 14	80.43	74.64	70.76	59.30	46.28	25.50	15.50	13.71	15.22	33.24	53.92	68.26	555.66	46.40	60.85	17.48
Truckee 15	70.33	65.44	59.23	51.28	40.08	19.70	15.49	12.52	15.13	30.50	55.38	62.52	506.40	41.47	54.35	15.71
South Lake Tahoe 16	102.97	98.86	84.64	66.57	49.88	30.46	19.72	13.87	19.95	43.71	70.97	92.11	683.69	57.81	76.21	21.00
Needles 19	25.89	25.38	22.95	13.94	11.85	7.47	7.14	6.79	4.00	7.42	4.29	17.76	166.57	12.91	18.37	7.45
All Districts	***60.82***	***54.63***	***49.24***	***33.96***	***24.28***	***14.50***	***13.09***	***9.58***	***13.04***	***15.73***	***25.16***	***51.36***	***361.91***	***30.45***	***49.80***	***14.98***

Average Tier 2 usage for CARE participants (excluding master-metered consumption)	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
DISTRICT																
Barstow 11	38.23	16.55	5.68	0.60	6.31	5.71	4.71	4.82	4.18	7.61	5.82	15.51	117.66	9.64	13.73	5.56
Victorville 12	29.25	21.26	8.71	1.39	5.99	7.05	4.87	4.44	4.42	8.17	6.86	9.84	111.58	9.35	12.89	5.82
Big Bear 13	33.78	29.70	14.96	5.61	1.88	4.14	3.97	3.45	4.82	7.01	2.81	16.04	128.74	10.68	13.97	4.10
N. Calif. 14	22.59	18.79	13.64	5.18	1.40	2.22	3.51	2.18	2.81	5.28	1.58	8.85	90.25	7.34	9.66	2.68
Truckee 15	34.95	31.12	14.74	5.34	2.27	4.45	4.30	3.39	4.41	7.78	5.65	20.72	139.39	11.59	15.32	4.14
South Lake Tahoe 16	8.16	6.14	5.15	1.77	0.15	1.44	0.60	0.37	0.80	4.97	0.73	4.41	34.71	2.89	3.94	0.80
Needles 19	11.03	19.87	3.72	0.20	0.30	2.96	2.29	1.86	1.00	3.04	0.14	1.87	49.51	4.02	6.14	1.91
All Districts	***29.07***	***20.61***	***8.69***	***1.59***	***5.49***	***6.52***	***4.61***	***4.20***	***4.25***	***7.86***	***6.29***	***10.38***	***109.28***	***9.13***	***10.81***	***3.57***

Average Tier 1 and Tier 2 usage for CARE participants (excluding master-metered consumption)	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
DISTRICT																
Barstow 11	91.69	62.40	48.24	26.37	22.81	17.71	16.26	14.20	15.86	19.93	23.63	63.10	428.34	35.18	52.57	17.80
Victorville 12	87.88	73.48	55.73	33.28	28.58	20.52	17.63	13.64	17.02	21.86	28.77	58.61	451.99	38.08	56.29	19.88
Big Bear 13	110.42	103.14	81.27	57.33	42.02	27.20	19.67	15.93	21.23	36.87	51.75	81.65	648.37	54.04	70.56	21.01
N. Calif. 14	103.02	93.44	84.41	64.48	47.68	27.72	19.01	15.89	18.04	38.52	55.50	77.11	645.91	53.74	70.52	20.17
Truckee 15	105.28	96.56	73.97	56.62	42.35	24.14	19.78	15.91	19.54	38.29	61.03	83.24	645.79	53.06	69.67	19.84
South Lake Tahoe 16	111.13	104.99	89.80	68.34	50.03	31.91	20.32	14.24	20.76	48.68	71.69	96.52	718.39	60.70	80.15	21.81
Needles 19	36.92	45.25	26.68	14.15	12.14	10.43	9.43	8.64	5.00	10.46	4.43	19.63	216.08	16.93	24.51	9.35
All Districts	***89.89***	***75.24***	***57.93***	***35.55***	***29.77***	***21.03***	***17.70***	***13.78***	***17.30***	***23.59***	***31.45***	***61.73***	***471.19***	***39.58***	***60.61***	***18.55***

[1] Data in Table II.B. are based on billing records.

SOUTHWEST GAS CORPORATION
Summary of CARE Data
CARE Program Participants versus Non-CARE
TABLE II. C. – USAGE INFORMATION

Table II. C. CARE Participant Versus NonCARE [1]

AVERAGE USAGE – NONCARE (In Therms)	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Average Monthly Usage	Average Winter Usage	Average Summer Usage
All Districts															
Customers	113,250	91,941	114,387	105,671	114,707	107,087	108,752	139,234	96,336	118,646	96,388	101,770	109,014	104,717	113,703
Avg. Tier 1 Use	69.34	62.66	56.49	38.86	28.23	15.87	13.11	9.71	13.25	19.49	32.06	57.11	34.68	50.04	14.25
Avg. Tier 2 Use	32.30	24.78	11.58	2.69	4.58	5.32	3.73	3.32	3.63	6.79	5.47	12.33	9.71	14.83	5.96
Total Avg. Use	***101.64***	***87.44***	***68.07***	***41.55***	***32.81***	***21.19***	***16.84***	***13.03***	16.88	26.28	37.53	69.44	44.39	64.87	20.21

*AVERAGE USAGE – CARE PARTICIPANTS (In Therms) (Does not include master meter) **	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Average Monthly Usage	Average Winter Usage	Average Summer Usage
All Districts															
Customers	43,161	36,163	43,365	40,577	42,147	39,238	39,817	49,276	35,608	43,082	35,570	36,544	40,379	39,302	41,459
Avg. Tier 1 Use	60.82	54.63	49.24	33.96	24.28	14.50	13.09	9.58	13.04	15.73	25.16	51.36	30.45	49.80	14.98
Avg. Tier 2 Use	29.07	20.61	8.69	1.59	5.49	6.52	4.61	4.20	4.25	7.86	6.29	10.38	9.13	10.81	3.57
Total Avg. Use	***89.89***	***75.24***	***57.93***	***35.55***	***29.77***	***21.02***	***17.70***	***13.78***	17.29	23.59	31.45	61.74	39.58	60.61	18.55

CARE PARTICIPANTS Average Usage Greater Than/(Less Than) NONCARE Average Usage (In Therms) (Does not include master meter)	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Average Monthly Usage	Average Winter Usage	Average Summer Usage
All Districts															
Avg. Tier 1 Use	(8.52)	(8.03)	(7.25)	(4.90)	(3.95)	(1.37)	(0.02)	(0.13)	(0.21)	(3.76)	(6.90)	(5.75)	(4.23)	(0.24)	0.73
Avg. Tier 2 Use	(3.23)	(4.17)	(2.89)	(1.10)	0.91	1.20	0.88	0.88	0.62	1.07	0.82	(1.95)	(0.58)	(4.02)	(2.39)
Total Avg. Use	(11.75)	(12.20)	(10.14)	(6.00)	(3.04)	(0.17)	0.86	0.75	0.41	(2.69)	(6.08)	(7.70)	(4.81)	(4.26)	(1.66)

CARE PARTICIPANTS Average Usage Greater Than/(Less Than) NONCARE Average Usage (as Percentage) (Does not include master meter)	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Average Monthly Usage	Average Winter Usage	Average Summer Usage
All Districts															
Avg. Tier 1 Use	(12.3%)	(12.8%)	(12.8%)	(12.6%)	(14.0%)	(8.6%)	(0.2%)	(1.3%)	(1.6%)	(19.3%)	(21.5%)	(10.1%)	(12.2%)	(0.5%)	5.1%
Avg. Tier 2 Use	(10.0%)	(16.8%)	(25.0%)	(40.9%)	19.9%	22.6%	23.6%	26.5%	17.1%	15.8%	15.0%	(15.8%)	(6.0%)	(27.1%)	(40.1%)
Total Avg. Use	***(11.6%)***	***(14.0%)***	***(14.9%)***	***(14.4%)***	***(9.3%)***	***(0.8%)***	***5.1%***	***5.8%***	2.4%	(10.2%)	(16.2%)	(11.1%)	(10.8%)	(6.6%)	(8.2%)

[1] Data in Table II.C. are based on billing records.

SOUTHWEST GAS CORPORATION
Summary of CARE Data
Program Costs
TABLE III. A., B., & C.

Table III. A. Program Costs [1]

AVERAGE BILL – NONCARE	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Average Monthly Bill	Average Winter Bill	Average Summer Bill
DISTRICT															
Barstow 11	140.13	98.84	78.19	41.59	34.33	28.42	25.71	22.16	22.61	27.34	33.51	99.66	54.37	81.99	26.76
Victorville 12	139.31	125.23	98.24	54.77	45.98	33.98	29.08	21.25	25.02	30.34	42.01	92.72	61.49	92.05	30.94
Big Bear 13	175.93	172.52	142.02	91.62	65.32	41.70	31.68	23.87	29.02	47.81	70.40	129.77	85.14	111.92	31.57
N. Calif. 14	213.78	176.25	170.46	125.33	81.16	48.08	33.32	28.88	33.58	61.84	99.14	155.20	102.25	135.40	35.97
Truckee 15	225.44	195.32	167.36	118.57	82.57	45.51	32.61	23.16	30.76	58.70	90.82	158.04	102.41	137.10	33.01
South Lake Tahoe 16	149.12	125.95	114.04	78.79	46.44	29.11	19.86	16.34	19.93	37.68	64.77	114.36	68.03	91.39	21.31
Needles 19	56.64	59.48	42.59	27.68	21.94	20.23	18.75	16.02	10.02	17.66	(4.46)	30.42	26.41	35.39	17.44
All Districts	***148.49***	***130.80***	***107.52***	***65.25***	***49.30***	***34.18***	***27.77***	***21.01***	***24.83***	***34.59***	***50.76***	***103.32***	***66.49***	***97.89***	***28.14***

Table III. B. Program Costs [1]

AVERAGE BILL -- CARE Participants (Does not include master meter)	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Average Monthly Bill	Average Winter Bill	Average Summer Bill
DISTRICT															
Barstow 11	103.85	73.63	61.00	33.92	28.70	23.77	21.80	18.45	18.72	22.95	27.87	74.39	42.42	62.44	22.40
Victorville 12	98.71	85.40	69.23	42.24	34.78	26.93	23.32	17.18	19.77	24.79	33.17	68.42	45.33	66.20	24.46
Big Bear 13	122.81	119.11	99.81	69.54	48.56	33.84	25.40	19.58	23.62	38.39	55.58	94.27	62.54	81.01	25.61
N. Calif. 14	136.86	121.63	115.07	86.97	58.35	34.53	23.60	20.27	21.63	40.20	62.73	98.09	68.33	89.99	25.01
Truckee 15	139.81	126.35	101.69	76.16	52.13	30.13	24.46	19.74	23.09	40.14	68.97	107.86	67.54	89.14	24.36
South Lake Tahoe 16	97.04	88.67	81.99	60.19	38.02	24.88	15.73	11.73	15.18	28.13	46.34	79.78	48.97	65.02	16.88
Needles 19	43.68	53.97	34.46	20.88	16.86	15.54	14.44	12.71	8.60	13.89	8.02	24.97	22.34	31.00	13.67
All Districts	***100.19***	***86.36***	***70.98***	***44.02***	***35.29***	***26.93***	***22.93***	***17.13***	***19.69***	***25.52***	***34.65***	***70.84***	***46.21***	***69.26***	***21.77***

Table III. C. [1]

Average Monthly Discount in Dollars per CARE Participant	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Average Monthly Discount	Average Winter Discount	Average Summer Discount
DISTRICT															
Barstow 11	25.68	18.11	14.93	8.30	6.95	5.76	5.26	4.45	4.53	5.60	6.83	18.32	10.39	15.36	5.43
Victorville 12	24.37	21.05	17.05	10.42	8.56	6.62	5.57	3.67	4.86	6.12	8.21	16.98	11.12	16.35	5.90
Big Bear 13	30.51	29.54	24.83	17.29	12.11	8.37	6.32	4.44	5.88	9.55	13.89	23.55	15.52	20.16	6.25
N. Calif. 14	34.02	30.23	28.61	21.56	14.50	8.53	5.85	5.03	5.37	9.98	15.58	24.38	16.97	22.36	6.20
Truckee 15	34.67	31.41	25.28	18.93	12.95	7.49	6.08	4.51	5.74	9.96	17.13	26.81	16.75	22.14	5.96
South Lake Tahoe 16	24.18	22.12	20.40	14.94	9.45	6.20	3.86	2.50	3.79	6.98	11.49	19.82	12.14	16.17	4.09
Needles 19	10.71	13.39	8.49	5.17	4.19	3.86	3.56	3.14	2.14	3.45	1.75	6.20	5.50	7.62	3.39
All Districts	***24.78***	***21.29***	***17.49***	***10.86***	***8.69***	***6.61***	***5.60***	***3.71***	***4.84***	***6.31***	***8.57***	***17.59***	***11.36***	***17.17***	***5.32***

[1] Data in Table III.A., B., C. are based on billing records.

SOUTHWEST GAS CORPORATION
Summary of CARE Data
Program Costs
TABLE III. D1

Table III. D.1. Total CARE Administrative Costs

DISTRICT	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Total Program Costs
Southern Califonia	4,599.33	9,264.32	13,697.33	6,288.29	7,846.38	14,457.44	8,683.51	7,046.72	7,984.58	62,304.47	7,078.30	7,455.91	156,706.58
Northern California	4,527.95	4,567.89	10,315.83	-1,661.63	-821.43	2,970.76	1,238.12	1,814.84	1,566.72	2,709.78	1,838.51	2,479.50	31,546.84
All Districts	***9,127.28***	***13,832.21***	***24,013.16***	***4,626.66***	***7,024.95***	***17,428.20***	***9,921.63***	***8,861.56***	***9,551.30***	***65,014.25***	***8,916.81***	***9,935.41***	***188,253.42***

Table III. D.1. Number of Participating Customers

DISTRICT	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Monthly Average
Southern Califonia	37,391	37,165	37,094	37,276	36,343	35,886	35,987	35,492	35,495	36,249	35,769	35,105	36,271
Northern California	2,263	2,248	2,240	2,205	2,117	2,066	2,091	2,091	2,119	2,147	2,175	2,161	2,160
All Districts	***39,654***	***39,413***	***39,334***	***39,481***	***38,460***	***37,952***	***38,078***	***37,583***	***37,614***	***38,396***	***37,944***	***37,266***	***38,431***

Table III. D.1. Administrative Costs Per Participating Customers (System costs are allocated to districts based on number of customers)

DISTRICT	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Total
Southern Califonia	0.12	0.25	0.37	0.17	0.22	0.40	0.24	0.20	0.22	1.72	0.20	0.21	4.32
Northern California	2.00	2.03	4.61	-0.75	-0.39	1.44	0.59	0.87	0.74	1.26	0.85	1.15	14.60
All Districts	***0.23***	***0.35***	***0.61***	***0.12***	***0.18***	***0.46***	***0.26***	***0.24***	***0.25***	***1.69***	***0.23***	***0.27***	***4.90***

SOUTHWEST GAS CORPORATION
SUMMARY OF CARE DATA
TOTAL CARE EXPENSES
TABLE III.D.2

Description	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	YTD	Annual Budget [1]	Percentage of Budget
Outreach							
Capitation Fees	$ 324	$ 420	$ 720	$ 432	$ 1,896		
Applications/Inserts	$ 3,000	$ 5,896	$ 4,423	$ 3,670	$ 16,989		
Media					0		
Other Outreach [2]				$ 57,314	57,314		
Other Outreach subsumed in GRC [3]					0		
Subtotal Outreach	**$ 3,324**	**$ 6,316**	**$ 5,143**	**$ 61,416**	**$ 76,199**	**$ 95,000**	**80.2%**
Processing/Certification/Verification							
Internal	$ 37,674	$ 11,216	$ 12,704	$ 9,413	$ 71,007		
Outside Services	$ 900	$ 8,957	$ 7,512	$ 9,874	$ 27,243		
Subtotal Processing/Certification/Verification	**$ 38,574**	**$ 20,173**	**$ 20,216**	**$ 19,286**	**$ 98,249**	**$ 42,000**	**233.9%**
General							
Billing System/Programming	$ -	$ -	$ 313	$ -	$ 313		
Consulting Services					0		
Regulatory Compliance					0		
Travel	294	101	$ 117	$ 765	1,277		
Filings					0		
Labor Costs (including overhead)					0		
Incremental	2,835	2,127	$ 2,546	$ 1,859	9,367		
Other general (please specify) [2]	1,945	363		$ 540	2,848		
General costs subsumed in GRC					0		
Subtotal General	**$ 5,074**	**$ 2,591**	**$ 2,976**	**$ 3,164**	**$ 13,804**	**$ 24,000**	**57.5%**
TOTAL PROGRAM COSTS (including costs subsumed in GRC)	**$ 46,972**	**$ 29,080**	**$ 28,334**	**$ 83,866**	**$ 188,253**	**$ 161,000**	
TOTAL PROGRAM COSTS (excluding costs subsumed in GRC)	**$ 46,972**	**$ 29,080**	**$ 28,334**	**$ 83,866**	**$ 188,253**	**$ 161,000**	**116.9%**
CARE Program Discount	**$ 2,637,133**	**$ 1,070,017**	**$ 620,288**	**$ 1,310,031**	**$ 5,637,469**	**$ 8,772,330**	**64.3%**
GRAND TOTAL PROGRAM COSTS (including costs subsumed in GRC) & CUSTOMER DISCOUNTS	**$ 2,684,105**	**$ 1,099,097**	**$ 648,622**	**$ 1,393,897**	**$ 5,825,722**	**$ 8,933,330**	
GRAND TOTAL PROGRAM COSTS (excluding costs subsumed in GRC) & CUSTOMER DISCOUNTS	**$ 2,684,105**	**$ 1,099,097**	**$ 648,622**	**$ 1,393,897**	**$ 5,825,722**	**$ 8,933,330**	**65.2%**

[1] As approved in D.06-12-036.
[2] Other Outreach/General costs are defined as any direct costs that do not fall into the listed subcategories.
[3] For purposes of estimating the costs subsumed in general rates, Southwest included costs that would be avoided should the CARE/LIEE programs be eliminated.

F. Provide balancing account balance for CARE and LIEE as of end of reporting period. Also, provide an explanation for over/under collection balances. (Give a snapshot in time.)

Southwest's CARE account balance for the twelve months ending December 31, 2007:

Beginning balance @ 1/1/07 [1]:	$ 568,646.41
Program benefits:	5,637,468.84
CARE program recovery:	(7,936,101.68)
Administration costs:	188,253.42
Interest accrual:	(28,103.54)
Net balance @ 12/31/07:	***($ 1,569,836.55)***

(1) The ending balance above cannot be compared to the general ledger (g/l) account balance for the CARE program, as neither remittances to the Board of Equalization (BOE) nor refunds from the BOE are included here. In addition, benefits in early program periods were not included in the g/l balance. Finally, $818,905 in prior years' Outreach reimbursements were presented as a decrease in balances presented, but did not impact the CARE g/l account.

Southwest's LIEE account balance for the twelve months ending December 31, 2007:

Beginning balance @ 1/1/07 [1]:	$ 305,393.58
Interest accrual	($ 4,038.35)
Recoveries through surcharges	($ 885,815.84)
Administration costs (2)	$ 778,908.30
Net balance @ 12/31/07 [2]:	***$ 194,447.69***

(1) Balance reported is the general ledger balance at 1/1/07, and includes previously reported unreimbursed BOE accruals of $614,622.23.

(2) Amount includes net reimbursed BOE accruals of ($277,527.03) as of December 31, 2007, (including $337,095.20 awaiting reimbursement less $614,622.23 reimbursement received related to amounts included in the beginning balance).

G. Describe in detail what costs are recorded in the balancing account(s) and what costs are included directly to base rates.

Incremental costs directly associated with the CARE and LIEE programs are recorded to the balancing accounts. Those costs that would remain in general rates should the CARE/LIEE programs be eliminated are not recorded to the balancing accounts.

H. Provide a table showing the surcharge amount and the percent responsibility for surcharge by customer class.

Table III.H

No. California:	**Surcharge Collected**	**Surcharge $/Therm***	**% of Avg. Bill**	**% of Total Surcharge**
Residential	$ 345,016	$ 0.01243	0.85%	68.79%
Commercial	$ 135,402	$ 0.01243	1.12%	27.00%
Industrial	$ 4,235	$ 0.01243	1.35%	0.84%
Transportation	$ 16,915	$ 0.01243	8.74%	3.37%
Total Northern	*$ 501,568*			*100.00%*
So. California:				
Residential	$ 4,807,813	$ 0.11399	6.90%	64.67%
Commercial	$ 1,776,684	$ 0.11399	8.79%	23.90%
Industrial	$ 439,485	$ 0.11399	10.77%	5.91%
Transportation	$ 410,551	$ 0.11399	55.96%	5.52%
Total Southern	*$ 7,434,534*			*100.00%*

I. Provide the annual subsidy (discount) for all CARE participants.

Total annual CARE Program benefits provided as of December 31, 2007, were $5,637,469.

J. Provide a table showing the percent of total CARE surcharge for each customer class.

See Table III.H above.

IV. OUTREACH

A. Complete Table IV.A. which shows the outreach activities undertaken, the number of customers reached (if known), and the number of applications returned as a result of the particular activity undertaken (if known).

Table IV.A summarizes the outreach activities undertaken in program year 2007.

B. Provide a narrative discussion of the following:

1. Sharing information in overlapping service territories.

Southwest continued to electronically share lists of CARE customers with Southern California Edison and identified approximately 4,200 customers that may qualify for the program. In 2006, Southwest suspended the exchange of data with Sierra Pacific Power Company (SPPC) and Bear Valley Electric Service (BVES) due to Southwest's increased income guidelines (200 percent) set during the Winter Initiative (D.05-10-044) that were not mandated for the other SMJUs. Data sharing with Sierra resumed in 2007 due to the utility's income guidelines also being increased to 200 percent. Approximately 130 customers in Southwest's Northern California service territory were identified as possibly qualifying for the CARE program.

During 2007, Southwest also began discussions with municipalities regarding the processes of the CARE program and the possibility of sharing customer data. The municipalities included: Apple Valley Ranchos Water, City of Needles, and Truckee-Donner Public Utilities District.

2. Sharing information with LIEE and other utility programs (i.e. signing up LIEE customers not enrolled in CARE or working).

Southwest contracts with Community-Based Organizations and outside contractors who are administering the LIEE program and the CARE capitation initiative for electric utilities in overlapping service territories to reach more customers in need and achieve economies of scale.

3. Leveraging CARE funds with other utility assistance programs.

Southwest continues to discuss ways to jointly administer and promote the CARE program statewide with other California utilities whenever feasible.

4. Participation barriers encountered and steps taken to mitigate them.

No participation barriers were encountered during the reporting period.

C. Describe recommendations for improving outreach, including cost effectiveness and methods for reaching underserved households.

The application bill insert, data sharing projects and website online enrollment have proven to be the most effective and affordable ways of increasing CARE participation. Southwest continues to work on methods to improve and automate these projects.

SOUTHWEST GAS CORPORATION
SUMMARY OF CARE DATA
TABLE VIII.C - 2007 CARE OUTREACH ACTIVITIES

Activity	Summary	Timeline	Status	Cost [1]
CARE Capitation Fee Project	Contracted with the Community Action Partnership of San Bernardino County and Richard Health & Associates, Inc. Agencies are paid a $12 incentive fee for each new customer they assisted in enrolling in the CARE program.	January 2007 - December 2007	Ongoing	$ 1,896
On-hold Messages	CARE and LIEE promoted while Southwest customers wait for the next available Call Center representative.	January 2007 - December 2007	Completed	
Website	CARE and LIEE promoted on Southwest's website for customers to obtain program information.	January 2007 - December 2007	Completed	
CARE Website Enrollment	Customers have option to enroll online for CARE. Enrolled 930 new CARE customers online during 2007.	January 2007 - December 2007	Completed	
CARE Customer Data Share	Exchanged CARE customer data electronically with Southern California Edison for fourth quarter of 2006. Southwest identified 1,122 possible new CARE customers.	January 2007	Completed	
CARE Automatic Enrollment	Automatically enrolled 822 CARE customers from the fourth quarter 2006 data share with Southern California Edison.	January 2007	Completed	
Targeted Mailing	Sent letter and CARE applications (English & Spanish) to 300 customers whose data partially matched from the fourth quarter 2006 data share with Southern California Edison.	January 2007	Completed	
Quarterly Bill Message	CARE promoted on customer bills on a quarterly basis.	March 2007-December 2007	Completed	
CARE Customer Data Share	Exchanged CARE customer data electronically with Southern California Edison for first quarter of 2007. Southwest identified 860 possible new CARE customers.	April 2007	Completed	
CARE Automatic Enrollment	Automatically enrolled 623 CARE customers from the first quarter data share with Southern California Edison.	April 2007	Completed	
Targeted Mailing	Sent letter and CARE applications (English & Spanish) to 237 customers whose data partially matched from the first quarter data share with Southern California Edison.	April 2007	Completed	
Community Affairs Activity	CARE and LIEE information distributed during the Cinco De Mayo Festival held at the Victor Valley College, hosted by the High Desert Hispanic Chamber of Commerce.	May 2007	Completed	
CARE Application	Redesigned CARE application and updated income guidelines.	May 2007	Completed	
CARE Customer Data Share	Exchanged second quarter CARE customer data electronically with Southern California Edison. Southwest identified 954 possible new CARE customers.	July 2007	Completed	
CARE Automatic Enrollment	Automatically enrolled 667 CARE customers from the second quarter data share with Southern California Edison.	July 2007	Completed	

[1] Southwest included all costs by project when directly associated with a specific outreach project. In many cases, the costs were associated with several projects or subsumed in general rates.

SOUTHWEST GAS CORPORATION
SUMMARY OF CARE DATA
TABLE VIII.C - 2007 CARE OUTREACH ACTIVITIES

Activity	Summary	Timeline	Status	Cost [1]
Targeted Mailing	Sent letter and CARE applications (English & Spanish) to 287 customers whose data partially matched from the second quarter data share with Southern California Edison.	July 2007	Completed	
CARE Customer Data Share	Exchanged second quarter CARE customer data electronically with SPPC. Southwest identified 133 possible new CARE customers.	July 2007	Completed	
CARE Automatic Enrollment	Automatically enrolled 132 CARE customers from the second quarter data share with SPPC.	July 2007	Completed	
Targeted Mailing	Sent letter and CARE applications (English & Spanish) to 1 customer whose data partially matched from the second quarter data share with SPPC.	July 2007	Completed	
Community Affairs Activity	CARE and LIEE information distributed during the Mariachi Festival hosted by the High Desert Hispanic Chamber of Commerce held in San Bernardino County.	August 2007	Completed	
Annual Bill Insert	CARE Applications in English & Spanish included in monthly bills mailed to all residential customers.	August 2007	Completed	
CARE Master-Metered Submetered Application	Designed and printed new CARE application for submetered tenants of master-metered facilities.	August 2007	Completed	
CARE Master-Metered Submetered Application for Recertification	Designed and printed new CARE recertification application for submetererd tenants of master-metered facilities.	August 2008	Completed	
Post Card	Post card printed and mailed to all residential customers to promote CARE, LIEE, and Medical Baseline.	August 2007 - November 2007	Completed	$ 57,314
Annual Master-Metered Customer Mailing	Annual mailing to all master-metered customers with submetered tenants. Mailing included: CARE Applications (English & Spanish) and Energy Assistance Programs brochure (CARE, LIEE and Medical Baseline).	September 2007	Completed	
CARE Customer Data Share	Exchanged third quarter CARE customer data electronically with Southern California Edison. Southwest identified 1,262 possible new CARE customers.	October 2007	Completed	
CARE Automatic Enrollment	Automatically enrolled 816 CARE customers from the third quarter data share with Southern California Edison.	October 2007	Completed	
Targeted Mailing	Sent letter and CARE applications (English & Spanish) to 346 customers whose data partially matched from the third quarter data share with Southern California Edison.	October 2007	Completed	
Post Card	Post card mailed to master-metered customers with submetered tenants to promote CARE, LIEE, and Medical Baseline.	December 2007	Completed	

[1] Southwest included all costs by project when directly associated with a specific outreach project. In many cases, the costs were associated with several projects or subsumed in general rates.

V. PROGRAM MANAGEMENT

A. Provide a table showing the total number of applications received by month, the total approved, the total denied as ineligible, the total returned to applicants as incomplete, and the total of duplicate applications for the reporting period.

Table V.A – CARE Applications

Month	Received	Approved	Denied As Ineligible	Incomplete	Duplicate
JANUARY	1,547	1,356	25	30	138
FEBRUARY	1,667	1,461	25	41	140
MARCH	2,635	2,450	49	44	92
APRIL	1,449	1,273	18	58	100
MAY	1,171	1,070	9	38	54
JUNE	1,271	1,170	10	40	51
JULY	2,110	1,928	21	74	87
AUGUST	2,036	1,768	30	95	143
SEPTEMBER	2,135	1,862	41	161	71
OCTOBER	1,961	1,731	22	127	81
NOVEMBER	2,086	1,896	32	107	51
DECEMBER	1,439	1,321	9	73	36
TOTAL	21,507	19,286	291	888	1,044

B. Describe any problems encountered during the reporting period with program management efforts.

Due to the labor associated with processing, certifying and verifying an increased number of CARE applications, as well as the handling of CARE customer calls and requests, Southwest has exceeded the Processing/Certification/Verification portion of the approved CARE budget. Southwest expects these costs to continue to increase annually and additionally require increased personnel resources to enroll customers in a timely manner.

VI. CERTIFICATION AND VERIFICATION PROCESSES

A. Provide a table showing the total number of participants asked to recertify their eligibility during the reporting period. The table should show the total recertifications requested, the total recertification applications received, the total recertified, the total denied as ineligible, and the total returned to the participant as incomplete for the reporting period. Include the total number of participants who were removed from the program because they did not return the recertification application.

Table VI.A – CARE Recertification

Month	Applications Requested	Applications Received	Recertified	Denied As Ineligible	Incomplete	Removed
JANUARY	647	620	565	12	14	200
FEBRUARY	3,072	616	553	5	17	191
MARCH	425	1,793	1,704	21	27	165
APRIL	449	756	667	8	13	135
MAY	1,200	505	470	1	9	797
JUNE	1,260	743	694	7	14	98
JULY	1,846	1,449	1,350	13	29	343
AUGUST	995	1,058	951	7	19	233
SEPTEMBER	1,373	753	671	4	11	370
OCTOBER	1,941	1,118	984	11	45	212
NOVEMBER	2,210	1,371	1,255	20	48	620
DECEMBER	1,006	843	777	8	26	791
TOTAL	16,424	11,625	10,641	117	272	4,155

B. Provide a table showing the total number of participants asked for income verification during the reporting period. The table should show the total verifications requested, the total verifications received, the total verified, the total denied as ineligible, and the total returned to the participant as incomplete for the reporting period. Include the total number of participants who were removed from the program because they did not respond to a request for income verification.

Table VI.B – CARE Income Verification

Month	Verifications Requested	Verifications Received	Verified	Denied As Ineligible	Incomplete	Removed
JANUARY	484	306	252	11	34	239
FEBRUARY	418	355	285	7	56	221
MARCH	484	402	246	14	135	220
APRIL	462	267	218	13	26	237
MAY	476	281	226	9	37	266
JUNE	441	320	247	13	57	240
JULY	441	284	220	10	38	225
AUGUST	468	315	271	13	29	247
SEPTEMBER	380	243	219	9	14	193
OCTOBER	506	345	318	2	22	231
NOVEMBER	395	275	260	1	10	200
DECEMBER	380	300	278	1	17	229
TOTAL	5,335	3,693	3,040	103	475	2,748

C. Describe the process for recertifying submetered tenants of master-metered complexes. Discuss any problems between master-metered ratepayers and submetered customers that were encountered during the reporting period.

An annual letter is sent to the managers/owners of master-metered complexes to advise them that eligible residents must renew their CARE applications. A supply of CARE applications is enclosed with each letter. The submetered tenants return their applications directly to Southwest and are processed in the same manner as primary CARE customers. Master-meter customers receive notification from Southwest for all submetered tenants who qualify to receive the CARE discount. No problems were encountered between master-metered customers and submetered customers during this reporting period.

D. Describe any third-party process used for CARE certification, recertification, and verification processes. Describe how these processes compare with the utility's efforts as far as cost effectiveness and effectiveness in reaching underserved households.

Southwest continues to administer the CARE program in-house. The use of outside agencies has not been determined to be cost-effective at this time.

VII. OTHER TOPICS

A. What significant changes are there from the previous reporting period?

Legislation enacted from Assembly Bill (AB) 2104, required utilities to improve the CARE program application process for tenants receiving electric or gas service from a master-meter customer through a submetered system, by January 1, 2008. Three main requirements of the legislation included: 1) utility must directly accept CARE applications from tenants, 2) utility must directly notify and provide renewal applications to tenants, and 3) utility must provide each master-meter customer with a list of tenants who are approved to receive discounts pursuant to the CARE program. During 2007, Southwest focused on changing its master-metered processes to be in compliance, along with the related programming requirements needed for its Customer Service System database. Recertification and income verification were also included in the process and programming changes.

B. Are there any other comments, recommendations, or issues that need to be addressed?

Over 25 percent of those customers scheduled for recertification during 2007, were removed from the CARE program due to their failure to recertify. In an effort to reduce the rate of attrition, Southwest plans to implement a recertification initiative to reach those who may still qualify for CARE, but have not responded to standard recertification attempts. Additionally, some CARE customers discontinued service with Southwest during 2007 and failed to re-establish service. These closed accounts also impacted the CARE participation rate.

Southwest regularly meets with the large Investor-Owned Utilities (IOUs) to share best practices and streamline processes for the CARE program. Collaboration among the utilities has proven to be beneficial.

Section II

Low-Income Assistance Programs
2007 Annual Report

— CARE Expanded Program —

CARE Expanded Program

The CARE Expanded Program is an extension of the residential CARE program that covers non-profit homeless shelters and group living facilities, migrant farm worker housing centers, qualified privately-owned employee housing and qualified non-profit housing for agricultural employees.

I. PARTICIPANT INFORMATION

A. Number of participating non-profit facilities, by type, by month. The data should be provided in numerical tables and also in graph form as follows:

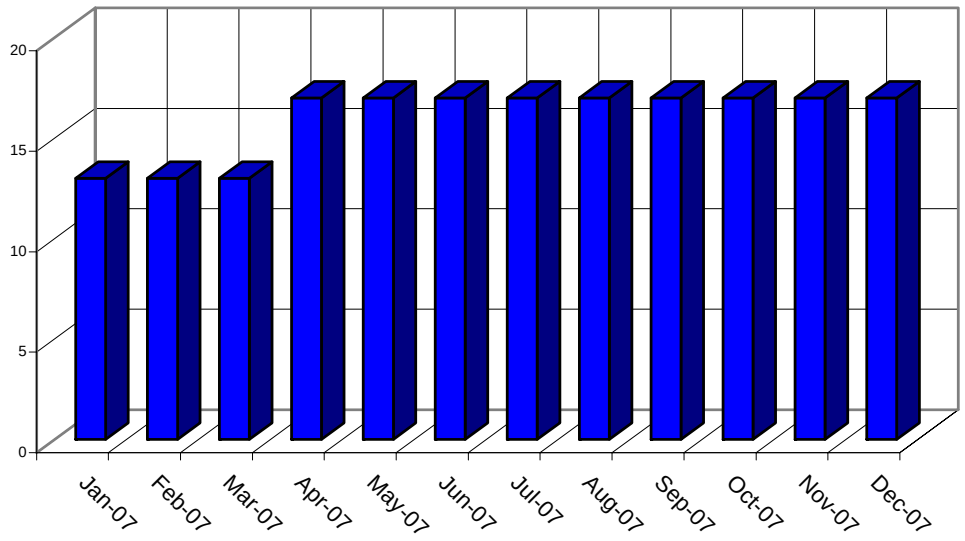
1. Give the total number of residential facilities and the total number of commercial facilities receiving the Expanded CARE discount.

Southwest currently has seventeen (17) group commercial living facilities on the Expanded CARE Program discount. This information is provided in the following table and graph. Southwest provides the expanded CARE program to non-profit homeless shelters and group living facilities, migrant farm worker housing centers, qualified privately-owned employee housing and qualified non-profit housing for agricultural employees under a commercial rate schedule. However, all such gas delivered is intended for residential applications. Therefore, there are no group residential facilities within Southwest's service areas.

CARE Expansion Program – Group Living Facilities			
January 2007	13	July 2007	17
February 2007	13	August 2007	17
March 2007	13	September 2007	17
April 2007	17	October 2007	17
May 2007	17	November 2007	17
June 2007	17	December 2007	17

Figure I.A.1.E is a graph depicting the same information.

CARE Expansion Participants By Month
Figure 1.A.E



2. **Provide the total number of residents (excluding caregivers) of residential and commercial non-profit Expanded CARE facilities.**

The total number of residents at the group living facilities receiving the CARE Expansion rate is 254. The following table demonstrates the breakdown per facility.

Facility # 1	57
Facility # 2	17
Facility # 3	6
Facility # 4	6
Facility # 5	28
Facility # 6	28
Facility # 7	11
Facility # 8	19
Facility # 9	14
Facility # 10	6
Facility # 11	6
Facility # 12	6
Facility # 13	6
Facility # 14	11
Facility # 15	11
Facility # 16	11
Facility # 17	11
Total Residents	***254***

II. PROGRAM COSTS

A. **Total Expanded CARE administrative costs. Compute administrative costs per participating facility. Give a breakdown in the following categories: Outreach; General Administration; Processing, Certification and Verification; Billing System Programming; Regulatory Compliance;**

Based on the limited number of CARE Expansion Program participants, administrative costs were minimal and were not tracked separately from the residential program.

B. **Provide the amount and a brief explanation of what is included in each of these categories: Outreach, General Administration; Processing, Certification and Verification; Billing System Programming; Regulatory Compliance.**

Please see response to II.A above.

C. **Provide discount information for the Expanded CARE program.**

1. **Give the average annual discount per residential facility.**

There are currently no group residential facilities within Southwest's service areas that are participating in the CARE Expansion Program.

2. **Give the average annual discount per commercial facility.**

The total discount for all facilities for the reporting period ending December 31, 2007, is $7,068.88. The average annualized discount per commercial facility is $415.82.

III. OUTREACH

A. **Provide a table showing the outreach activities undertaken, the number of customers reached (if known), and the number of applications returned as a result of the particular activity undertaken (if known).**

Letters providing information on the availability of the CARE Expanded Program were mailed to group living and residential care facilities in Southwest's California service territories in July 2007. Southwest received eleven (11) completed applications because of this outreach. The following table demonstrates this activity.

Applications:	
Mailed	29
Returned	11
Approved	11
Denied	0
Return Incomplete	0

Provide a narrative discussion of the following:

1. **Provide an analysis of the utility's most cost-effective outreach for the group living facilities;**

   Due to the low number of facilities, Southwest has determined that direct mailings to the group living and residential care facilities continues to be the most appropriate outreach method.

2. **Sharing information in overlapping service territories;**

   As noted previously in the CARE Program report, Southwest and Southern California Edison continue to utilize electronic data share of each utility's CARE participants. During this reporting period, Southwest did not identify any new group living facilities in overlapping territory served by Southern California Edison.

3. **Participation barriers encountered and steps taken to mitigate them;**

   Southwest did not encounter any participation barriers during this reporting period.

4. **Public agencies used to solicit potential Expanded CARE facilities;**

   Southwest did not utilize public agencies to solicit potential Expanded CARE facilities during the 2007 reporting period.

5. **Barriers encountered in identifying or enrolling customers in the Expanded CARE program.**

   No barriers were encountered in enrolling or identifying customers in the CARE Expanded Program.

IV. PROGRAM MANAGEMENT

A. Provide a table showing the total number of applications received, the total approved, the total denied as ineligible, the total returned to applicants as incomplete for the reporting period.

Southwest received and approved seventeen (17) applications.

Applications:	
Received	17
Approved	17
Denied	0
Return Incomplete	0

B. State the reasons CARE applications are not approved.

Although Southwest has not denied an application for the CARE Expanded Program, an application may be denied for the following reasons:

1) Incomplete applicant information;
2) Applicant determined to be ineligible based on information provided;
3) Application reviewed, however verification efforts show misrepresentation of facts; or
4) Required documentation not provided by applicant.

C. Describe any problems encountered during the reporting period with recertification and verification processes for Expanded CARE.

Southwest did not encounter any problems with the recertification and verification processes for the CARE Expanded Program.

V. OTHER TOPICS

A. What significant changes are there from the previous reporting period?

No significant changes have occurred during the 2007 program reporting period.

B. Are there any other comments, recommendations, or issues? Analyze the CARE Expansion program, progress over the past 12 months, identify issues that need work, identify areas that need improvements and make suggestions for improvement.

Southwest has no other comments or recommendations with respect to the CARE Expansion Program at this time.

Section III

Low-Income Assistance Programs
2007 Annual Report

— LIEE Program —

Table VIII.A – Program Expenses
Table VIII.B – Administrative Expenses
Table VIII.C – Outreach Activities
Table VIII.D – Installations and Costs
Table VIII.E – Energy Savings

SOUTHWEST GAS CORPORATION
2007 TOTAL LIEE PROGRAM EXPENSES - PPP-FUNDED
TABLE VIII.A

Description	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	YTD	Budget [1]	Percentage of Budget
Program Costs							
Weatherization [2]	$ 45,546	$ 196,014	$ 168,162	$ 546,720	$ 956,442	$ 1,166,973	82.0%
Total Program Costs	**$ 45,546**	**$ 196,014**	**$ 168,162**	**$ 546,720**	**$ 956,442**	**$ 1,166,973**	82.0%
Administrative Costs							
Outreach		$ 6,228			$ 6,228	$ 62,025	10.0%
Inspections	$ 2,783	$ 5,857	$ 6,677	$ 10,089	$ 25,406	61,843	41.1%
General	$ 21,278	$ 14,797	$ 13,197	$ 19,161	$ 68,433	328,514	20.8%
Total Administrative Costs	**$ 24,061**	**$ 26,882**	**$ 19,874**	**$ 29,249**	**$ 100,067**	**$ 452,382**	22.1%
Grand Total	**$ 69,607**	**$ 222,896**	**$ 188,036**	**$ 575,969**	**$ 1,056,509**	**$ 1,619,355**	**65.2%**

[1] D.06-12-036 (A.06-06-002) approved the 2007-2008 LIEE program budget totaling $1,080,000 annually (Weatherization $945,000, Outreach $5,000, Inspections $40,000 and General $90,000). A total of $539,355 was carried-over from 2006, as directed in D.03-03-007. The adjustments included under-expenditures of: $29,237 in Weatherization, $179,910 in Appliance Replacement, $12,826 in Education, $57,025 in Outreach, $21,843 in Inspections, and $238,514 in General.

[2] Weatherization includes Appliance Replacement and Education as approved in D.06-12-036.

SOUTHWEST GAS CORPORATION
2007 LIEE ADMINISTRATIVE EXPENSES - PPP-FUNDED
TABLE VIII.B

Description	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	YTD	Budget [1]	Percentage of Budget
Outreach							
Applications/Inserts	$ -	$ -	$ -	$ -	$ -		
Media					0		
Other Outreach [2]		6,228			6,228		
Other outreach subsumed in GRC					0		
Subtotal Outreach	**$ -**	**$ 6,228**	**$ -**	**$ -**	**$ 6,228**	**$ 62,025**	**10.0%**
Inspections							
Internal	$ -	$ -	$ -	$ -	$ -		
Outside Services	2,783	$ 5,857	$ 6,677	$ 10,089	25,406		
Subtotal Inspections	**$ 2,783**	**$ 5,857**	**$ 6,677**	**$ 10,089**	**$ 25,406**	**$ 61,843**	**41.1%**
General							
Billing System/Programming	$ 10,000	$ -	$ 250	$ 10,000	$ 20,250		
Consulting Services					0		
Regulatory Compliance					0		
Travel	290	2,242	1,127	96	3,755		
Filings					0		
Labor Costs (including overhead)					0		
Incremental	10,962	9,504	11,565	8,837	40,869		
Subsumed in General Rates					0		
Other Outside Services		2,979			2,979		
Other General [2]	26	71	255	228	579		
General costs subsumed in GRC					0		
Subtotal General	**$ 21,278**	**$ 14,797**	**$ 13,197**	**$ 19,161**	**$ 68,433**	**$ 328,514**	**20.8%**
TOTAL LIEE ADMINISTRATION COSTS (including costs subsumed in GRC)	**$ 24,061**	**$ 26,882**	**$ 19,874**	**$ 29,249**	**$ 100,067**	**$ 452,382**	
TOTAL LIEE ADMINISTRATION COSTS (excluding costs subsumed in GRC)	**$ 24,061**	**$ 26,882**	**$ 19,874**	**$ 29,249**	**$ 100,067**	**$ 452,382**	**22.1%**

[1] D.06-12-036 (A.06-06-002) approved the 2007-2008 LIEE program budget totaling $1,080,000 annually (Weatherization $945,000, Outreach $5,000, Inspections $40,000 and General $90,000). A total of $539,355 was carried-over from 2006, as directed in D.03-03-007. The adjustments included under-expenditures of: $29,237 in Weatherization, $179,910 in Appliance Replacement, $12,826 in Education, $57,025 in Outreach, $21,843 in Inspections, and $238,514 in General.

SOUTHWEST GAS CORPORATION
2007 LIEE OUTREACH ACTIVITIES
TABLE VIII.C

Activity	Summary	Timeline	Status	Costs [1]
On-hold Messages	CARE and LIEE promoted while Southwest customers wait for the next available Call Center representative.	January 2007 - December 2007	Ongoing	
Website	CARE and LIEE promoted on Southwest's website for customers to obtain program information.	January 2007 - December 2007	Ongoing	
Community Affairs Activity	CARE and LIEE information distributed during the Cinco De Mayo Festival held at the Victor Valley College, hosted by the High Desert Hispanic Chamber of Commerce.	May 2007	Completed	
Flyer	SWG & SPPC partnered to create LIEE flyer for program promotion.	February 2007 - March 2007	Completed	$ 1,983.69
Targeted Mailing	SPPC/SWG joint mailing to promote LIEE programs in Northern California. SPPC coordinated printing and mailing.	May 2007	Completed	$ 3,259.26
Posters	SPPC/SWG partnered to distribute LIEE poster for program promotion.	May 2007	Completed	$ 42.00
Community Affairs Activity	CARE and LIEE information distributed during the Cinco De Mayo Festival held at the Victor Valley College, hosted by the High Desert Hispanic Chamber of Commerce.	May 2007	Completed	
Tri-fold	SWG updated the California Energy Assistance Program tri-fold for use with in-home energy education.	June 2007	Completed	
Community Affairs Activity	CARE and LIEE information distributed during the Mariachi Festival hosted by the High Desert Hispanic Chamber of Commerce held in San Bernardino County.	August 2007	Completed	
Post Card	Post card printed and mailed to all residential customers to promote CARE, LIEE, and Medical Baseline.	August 2007 - November 2007	Completed	
Annual Master-Metered Customer Mailing	Annual mailing to all master-metered customers with submetered tenants. Mailing included: CARE Applications (English & Spanish) and Energy Assistance Programs brochure (CARE, LIEE and Medical Baseline).	September 2007	Completed	
Post Card	Post card mailed to master-metered customers with submetered tenants to promote CARE, LIEE, and Medical Baseline.	December 2007	Completed	

[1] Southwest included all costs by project when directly associated with a specific outreach project. In many cases, the costs were associated with several projects.

SOUTHWEST GAS CORPORATION
2007 LIEE INSTALLATIONS AND COSTS
TABLE VIII.D

Measures	Units	First Quarter (January - March)					
		Completed			Costs		
		Northern	Southern	Total	Northern	Southern	Total
Infiltration & Space Conditioning							
Cooler Cover	Home	0	7	7	$ -	909	$ 909
Outlet Switch Gaskets	Home	0	0	0	0	0	0
Shell Infilitration	Home	0	0	0	0	0	0
Threshold	Home	0	0	0	0	0	0
Weatherization							
Attic Insulation	Sqft	0	0	0	$ -	0	$ -
Attic Venting	Home	0	0	0	0	0	0
Ceiling Insulation	Sqft	0	0	0	0	0	0
Floor Insulation	Sqft	0	0	0	0	0	0
Kneewall Insulation	Sqft	0	0	0	0	0	0
Weatherstripping	Home	0	58	58	0	6,486	6,486
Caulking	Home	0	34	34	0	85	85
Home Repairs	Home	0	0	0	0	0	0
Low Flow Shower Device	Home	0	61	61	0	2,425	2,425
Minor Envelope Repair	Home	0	58	58	0	1,078	1,078
Water Heater Pipe Wrap	Home	0	18	18	0	31	31
Sink Faucet Aerator	Home	0	59	59	0	735	735
Water Heater Blanket	Home	0	25	25	0	757	757
Weatherization Mileage	Home	0	38	38	0	623	623
Furnaces							
Repair - Gas	Each	0	0	0	$ -	$ -	$ -
Replacement - Gas	Each	0	1	1	0	1,350	1,350
Repair - Electric	Each	0	0	0	0	0	0
Replacement - Electric	Each	0	0	0	0	0	0
Other Incidentals		0	1	1	0	152	152
Miscellaneous Measures							
Door Replacement	Each	0	0	0	$ -	$ -	$ -
Glass Replacement	Each	0	12	12	0	732	732
Duct Sealing/Testing	Home	0	0	0	0	0	0
Duct Wrap	Home	0	0	0	0	0	0
Duct Register	Home	0	0	0	0	0	0
Storm Windows - Glass Fixed	Each	0	0	0	0	0	0
Storm Windows - Glass Operable	Each	0	0	0	0	0	0
Vinyl Retro Window	Each	0	0	0	0	0	0
Set Back Thermometer	Each	0	0	0		0	0
Filter Alert Device	Each	0	0	0	0	0	0
Foam Tape	Home	0	0	0	0	0	0
Gas Water Heater Repair/Replace	Each	0	0	0	0	0	0
Elec Water Heater Repair/Replace	Each	0	0	0	0	0	0
Reusable Filter/Replacement Signal	Each	0	0	0	0	0	0
Solar Screens	Each	0	0	0	0	0	0
Refrigerators	Each	0	0	0	0	0	0
Geo Exchange Heat Pumps	Each	0	0	0	0	0	0
Microwaves	Each	0	0	0	0	0	0
CF Fixtures Interior	Each	0	0	0	0	0	0
CF Fixtures Exterior	Each	0	0	0	0	0	0
NGAT	Each	0	67	67	0	4,490	4,490
Administration	Home	0	64	64	0	5,888	5,888
Outreach/Assessment	Home	0	64	64	0	3,456	3,456
Other (labor, materials, supplies)	Home	0	60	60	0	15,356	15,356
Education							
In-home Education	Home	0	64	64	$ -	$ 960	$ 960
Education Workshops	Home	0	0	0	0	0	0
Other (please specify) [1]		0	0	0	0	0	0
TOTAL COSTS					$ -	$ 45,515	$ 45,515
TOTAL HOMES							
Total Number of Homes Treated		0	65	65			
Total Number of Homes Weatherized		0	65	65			

[1] In-home education materials developed in accordance with the California Statewide LIEE Policies & Procedures Manual, Section 4.4.

SOUTHWEST GAS CORPORATION
2007 LIEE INSTALLATIONS AND COSTS
TABLE VIII.D

Measures	Units	Second Quarter (April - June)					
		Completed			Costs		
		Northern	Southern	Total	Northern	Southern	Total
Infiltration & Space Conditioning							
Cooler Cover	Home	0	40	40	$ -	$ 2,392	$ 2,392
Outlet Switch Gaskets	Home	6	0	6	109	0	109
Shell Infilitration	Home	0	0	0	0	0	0
Threshold	Home	2	0	2	66	0	66
Weatherization							
Attic Insulation	Sqft	0	3,330	3,330	$ -	$ 1,998	$ 1,998
Attic Venting	Home	0	0	0	0	0	0
Ceiling Insulation	Sqft	0	0	0	0	0	0
Floor Insulation	Sqft	0	0	0	0	0	0
Kneewall Insulation	Sqft	0	0	0	0	0	0
Weatherstripping	Home	6	228	234	766	22,686	23,452
Caulking	Home	6	92	98	430	235	665
Home Repairs	Home	5	0	5	589	0	589
Low Flow Shower Device	Home	1	247	248	32	9,427	9,459
Minor Envelope Repair	Home	0	227	227	0	4,954	4,954
Water Heater Pipe Wrap	Home	0	71	71	0	125	125
Sink Faucet Aerator	Home	3	222	225	56	2,918	2,974
Water Heater Blanket	Home	1	104	105	41	3,087	3,128
Weatherization Mileage	Home	1	153	154	1	2,127	2,128
Furnaces							
Repair - Gas	Each	0	0	0	$ -	$ -	$ -
Replacement - Gas	Each	0	9	9	0	12,425	12,425
Repair - Electric	Each	0	0	0	0	0	0
Replacement - Electric	Each	0	0	0	0	0	0
Other Incidentals		0	12	12	0	1,731	1,731
Miscellaneous Measures							
Door Replacement	Each	0	0	0	$ -	$ -	$ -
Glass Replacement	Each	0	37	37	0	5,210	5,210
Duct Sealing/Testing	Home	6	0	6	1,440	0	1,440
Duct Wrap	Home	0	0	0	0	0	0
Duct Register	Home	0	0	0	0	0	0
Storm Windows - Glass Fixed	Each	0	0	0	0	0	0
Storm Windows - Glass Operable	Each	0	0	0	0	0	0
Vinyl Retro Window	Each	0	0	0	0	0	0
Set Back Thermometer	Each	0	7	7	0	0	0
Filter Alert Device	Each	0	0	0	0	0	0
Foam Tape	Home	0	0	0	0	0	0
Gas Water Heater Repair/Replace	Each	0	3	3	0	2,085	2,085
Elec Water Heater Repair/Replace	Each	0	0	0	0	0	0
Reusable Filter/Replacement Signal	Each	0	0	0	0	0	0
Solar Screens	Each	0	0	0	0	0	0
Refrigerators	Each	0	0	0	0	0	0
Geo Exchange Heat Pumps	Each	0	0	0	0	0	0
Microwaves	Each	0	0	0	0	0	0
CF Fixtures Interior	Each	0	0	0	0	0	0
CF Fixtures Exterior	Each	0	0	0	0	0	0
NGAT	Each	6	260	266	360	13,700	14,060
Administration	Home	1	258	259	960	23,736	24,696
Outreach/Assessment	Home	7	258	265	601	13,932	14,533
Other (labor, materials, supplies)	Home	1	231	232	2,982	56,766	59,748
Education							
In-home Education	Home	7	258	265	$ 576	$ 3,870	$ 4,446
Education Workshops	Home	0	0	0	0	0	0
Other (please specify) [1]		0	0	0	0	0	0
TOTAL COSTS					$ 9,010	$ 183,402	$ 192,412
TOTAL HOMES							
Total Number of Homes Treated		7	263	270			
Total Number of Homes Weatherized		6	255	261			

[1] In-home education materials developed in accordance with the California Statewide LIEE Policies & Procedures Manual, Section 4.4.

SOUTHWEST GAS CORPORATION
2007 LIEE INSTALLATIONS AND COSTS
TABLE VIII.D

Measures	Units	Third Quarter (July - September)					
		Completed			Costs		
		Northern	Southern	Total	Northern	Southern	Total
Infiltration & Space Conditioning							
Cooler Cover	Home	3	32	35	$ 16	$ 2,344	$ 2,360
Outlet Switch Gaskets	Home	26	0	26	443	0	443
Shell Infilitration	Home	0	0	0	0	0	0
Threshold	Home	8	0	8	284	0	284
Weatherization							
Attic Insulation	Sqft	0	3,341	3,341	$ -	$ 1,849	$ 1,849
Attic Venting	Home	0	0	0	0	0	0
Ceiling Insulation	Sqft	0	0	0	0	0	0
Floor Insulation	Sqft	0	0	0	0	0	0
Kneewall Insulation	Sqft	0	0	0	0	0	0
Weatherstripping	Home	23	172	195	2,255	17,023	19,278
Caulking	Home	26	86	112	1,938	244	2,183
Home Repairs	Home	20	0	20	1,594	0	1,594
Low Flow Shower Device	Home	7	188	195	340	6,956	7,296
Minor Envelope Repair	Home	0	165	165	0	4,137	4,137
Water Heater Pipe Wrap	Home	1	55	56	16	99	115
Sink Faucet Aerator	Home	15	172	187	224	2,308	2,532
Water Heater Blanket	Home	5	68	73	205	1,980	2,185
Weatherization Mileage	Home	2	88	90	1,630	1,307	2,938
Furnaces							
Repair - Gas	Each	0	1	1	$ 1,592	$ 226	$ 1,818
Replacement - Gas	Each	1	2	3	0	2,750	2,750
Repair - Electric	Each	0	0	0	0	0	0
Replacement - Electric	Each	0	0	0	0	0	0
Other Incidentals		0	4	4	0	256	256
Miscellaneous Measures							
Door Replacement	Each	0	0	0	$ -	$ -	$ -
Glass Replacement	Each	0	46	46	0	1,387	1,387
Duct Sealing/Testing	Home	18	0	18	3,652	0	3,652
Duct Wrap	Home	0	0	0	0	0	0
Duct Register	Home	0	0	0	0	0	0
Storm Windows - Glass Fixed	Each	0	0	0	0	0	0
Storm Windows - Glass Operable	Each	0	0	0	0	0	0
Vinyl Retro Window	Each	0	0	0	0	0	0
Set Back Thermometer	Each	0	0	0	0	0	0
Filter Alert Device	Each	0	0	0	0	0	0
Foam Tape	Home	0	0	0	0	0	0
Gas Water Heater Repair/Replace	Each	0	1	1	0	695	695
Elec Water Heater Repair/Replace	Each	0	0	0	0	0	0
Reusable Filter/Replacement Signal	Each	0	0	0	0	0	0
Solar Screens	Each	0	0	0	0	0	0
Refrigerators	Each	0	0	0	0	0	0
Geo Exchange Heat Pumps	Each	0	0	0	0	0	0
Microwaves	Each	0	0	0	0	0	0
CF Fixtures Interior	Each	0	0	0	0	0	0
CF Fixtures Exterior	Each	0	0	0	0	0	0
NGAT	Each	28	199	227	1,680	11,620	13,300
Administration	Home	3	197	200	4,140	18,124	22,264
Outreach/Assessment	Home	30	223	253	2,210	12,042	14,252
Other (labor, materials, supplies)	Home	2	171	173	4,512	45,148	49,660
Education							
In-home Education	Home	30	205	235	$ 2,319	$ 3,075	$ 5,394
Education Workshops	Home	0	0	0	0	0	0
Other (please specify) [1]		0	0	0	0	0	0
TOTAL COSTS					$ 29,049	$ 133,570	$ 162,620
TOTAL HOMES							
Total Number of Homes Treated		32	225	257			
Total Number of Homes Weatherized		27	195	222			

[1] In-home education materials developed in accordance with the California Statewide LIEE Policies & Procedures Manual, Section 4.4.

SOUTHWEST GAS CORPORATION
2007 LIEE INSTALLATIONS AND COSTS
TABLE VIII.D

Measures	Units	Fourth Quarter (October - December)					
		Completed			Costs		
		Northern	Southern	Total	Northern	Southern	Total
Infiltration & Space Conditioning							
Cooler Cover	Home	18	85	103	$ 81	$ 4,832	$ 4,912
Outlet Switch Gaskets	Home	108	1	109	1,443	1	1,443
Shell Infilitration	Home	0	0	0	0	0	0
Threshold	Home	72	0	72	1,944	0	1,944
Weatherization							
Attic Insulation	Sqft	0	4,681	4,681	$ -	$ 2,753	$ 2,753
Attic Venting	Home	0	0	0	0	0	0
Ceiling Insulation	Sqft	5,790	0	5,790	4,523	0	4,523
Floor Insulation	Sqft	0	0	0	0	0	0
Kneewall Insulation	Sqft	0	0	0	0	0	0
Weatherstripping	Home	110	524	634	10,212	54,981	65,193
Caulking	Home	111	235	346	7,238	610	7,848
Home Repairs	Home	72	0	72	10,131	0	10,131
Low Flow Shower Device	Home	35	554	589	1,344	22,720	24,064
Minor Envelope Repair	Home	0	505	505	0	11,410	11,410
Water Heater Pipe Wrap	Home	2	159	161	64	299	363
Sink Faucet Aerator	Home	88	437	525	1,432	6,265	7,697
Water Heater Blanket	Home	20	195	215	820	5,795	6,615
Weatherization Mileage	Home	4	393	397	2,783	5,874	8,657
Furnaces							
Repair - Gas	Each	0	12	12	$ 2,821	$ 3,553	$ 6,374
Replacement - Gas	Each	2	16	18	0	31,041	31,041
Repair - Electric	Each	0	0	0	0	0	0
Replacement - Electric	Each	0	0	0	0	0	0
Other Incidentals		0	32	32	0	4,029	4,029
Miscellaneous Measures							
Door Replacement	Each	0	0	0	$ -	$ -	$ -
Glass Replacement	Each	0	147	147	0	14,957	14,957
Duct Sealing/Testing	Home	67	0	67	6,753	0	6,753
Duct Wrap	Home	0	0	0	0	0	0
Duct Register	Home	0	0	0	0	0	0
Storm Windows - Glass Fixed	Each	0	0	0	0	0	0
Storm Windows - Glass Operable	Each	0	0	0	0	0	0
Vinyl Retro Window	Each	0	0	0	0	0	0
Set Back Thermometer	Each	0	0	0	0	0	0
Filter Alert Device	Each	0	0	0	0	0	0
Foam Tape	Home	0	0	0	0	0	0
Gas Water Heater Repair/Replace	Each	6	7	13	1,304	4,865	6,169
Elec Water Heater Repair/Replace	Each	0	0	0	0	0	0
Reusable Filter/Replacement Signal	Each	0	0	0	0	0	0
Solar Screens	Each	0	0	0	0	0	0
Refrigerators	Each	0	0	0	0	0	0
Geo Exchange Heat Pumps	Each	0	0	0	0	0	0
Microwaves	Each	0	0	0	0	0	0
CF Fixtures Interior	Each	0	0	0	0	0	0
CF Fixtures Exterior	Each	0	0	0	0	0	0
NGAT	Each	123	594	717	7,380	26,750	34,130
Administration	Home	4	613	617	16,320	56,396	72,716
Outreach/Assessment	Home	119	622	741	9,559	33,588	43,147
Other (labor, materials, supplies)	Home	4	530	534	10,037	125,838	135,875
Education							
In-home Education	Home	118	622	740	$ 9,271	$ 9,330	$ 18,601
Education Workshops	Home	0	0	0	0	0	0
Other (please specify) [1]		0	0	0	0	0	0
TOTAL COSTS					$ 105,458	$ 425,885	$ 531,344
TOTAL HOMES							
Total Number of Homes Treated		127	638	765			
Total Number of Homes Weatherized		118	595	713			

[1] In-home education materials developed in accordance with the California Statewide LIEE Policies & Procedures Manual, Section 4.4.

SOUTHWEST GAS CORPORATION
2007 LIEE INSTALLATIONS AND COSTS
TABLE VIII.D

Measures	Units	Year to Date Totals					
		Completed			Costs		
		Northern	Southern	Total	Northern	Southern	Total
Infiltration & Space Conditioning							
Cooler Cover	Home	21	164	185	$ 97	$ 10,477	$ 10,574
Outlet Switch Gaskets	Home	140	1	141	1,995	1	1,996
Shell Infilitration	Home	0	0	0	0	0	0
Threshold	Home	82	0	82	2,293	0	2,293
Weatherization							
Attic Insulation	Sqft	0	11,352	11,352	$ -	$ 6,600	$ 6,600
Attic Venting	Home	0	0	0	0	0	0
Ceiling Insulation	Sqft	5,790	0	5,790	4,523	0	4,523
Floor Insulation	Sqft	0	0	0	0	0	0
Kneewall Insulation	Sqft	0	0	0	0	0	0
Weatherstripping	Home	139	982	1,121	13,233	101,175	114,409
Caulking	Home	143	447	590	9,606	1,174	10,780
Home Repairs	Home	97	0	97	12,314	0	12,314
Low Flow Shower Device	Home	43	1,050	1,093	1,716	41,527	43,243
Minor Envelope Repair	Home	0	955	955	0	21,579	21,579
Water Heater Pipe Wrap	Home	3	303	306	80	554	634
Sink Faucet Aerator	Home	106	890	996	1,712	12,225	13,937
Water Heater Blanket	Home	26	392	418	1,066	11,619	12,685
Weatherization Mileage	Home	7	672	679	4,414	9,931	14,346
Furnaces							
Repair - Gas	Each	0	13	13	$ 4,413	$ 3,780	$ 8,193
Replacement - Gas	Each	3	28	31	0	47,566	47,566
Repair - Electric	Each	0	0	0	0	0	0
Replacement - Electric	Each	0	0	0	0	0	0
Other Incidentals		0	49	49	0	6,168	6,168
Miscellaneous Measures							
Door Replacement	Each	0	0	0	$ -	$ -	$ -
Glass Replacement	Each	0	242	242	0	22,287	22,287
Duct Sealing/Testing	Home	91	0	91	11,845	0	11,845
Duct Wrap	Home	0	0	0	0	0	0
Duct Register	Home	0	0	0	0	0	0
Storm Windows - Glass Fixed	Each	0	0	0	0	0	0
Storm Windows - Glass Operable	Each	0	0	0	0	0	0
Vinyl Retro Window	Each	0	0	0	0	0	0
Set Back Thermometer	Each	0	7	7	0	0	0
Filter Alert Device	Each	0	0	0	0	0	0
Foam Tape	Home	0	0	0	0	0	0
Gas Water Heater Repair/Replace	Each	6	11	17	1,304	7,645	8,949
Elec Water Heater Repair/Replace	Each	0	0	0	0	0	0
Reusable Filter/Replacement Signal	Each	0	0	0	0	0	0
Solar Screens	Each	0	0	0	0	0	0
Refrigerators	Each	0	0	0	0	0	0
Geo Exchange Heat Pumps	Each	0	0	0	0	0	0
Microwaves	Each	0	0	0	0	0	0
CF Fixtures Interior	Each	0	0	0	0	0	0
CF Fixtures Exterior	Each	0	0	0	0	0	0
NGAT	Each	157	1,120	1,277	9,420	56,560	65,980
Administration	Home	8	1,132	1,140	21,420	104,144	125,564
Outreach/Assessment	Home	156	1,167	1,323	12,370	63,018	75,388
Other (labor, materials, supplies)	Home	7	992	999	17,531	243,109	260,639
Education							
In-home Education	Home	155	1,149	1,304	$ 12,166	$ 17,235	$ 29,401
Education Workshops	Home	0	0	0	0	0	0
Other (please specify) [1]		0	0	0	0	0	0
TOTAL COSTS					$ 143,517	$ 788,372	$ 931,890
TOTAL HOMES							
Total Number of Homes Treated		166	1,191	1,357			
Total Number of Homes Weatherized		151	1,110	1,261			

[1] In-home education materials developed in accordance with the California Statewide LIEE Policies & Procedures Manual, Section 4.4.

SOUTHWEST GAS CORPORATION
2007 LIEE ENERGY SAVINGS - PPP FUNDED
TABLE VIII.E

Measures	Units	First Quarter (January - March)											
		Annual Energy Savings [1]						Lifetime Energy Savings					
		Northern		Southern		Total		Northern		Southern		Total	
		kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms
Infiltration & Space Conditioning													
Cooler Cover	Home	0.0	0.0	0.0	18.2	**0.0**	**18.2**	0.0	0.0	0.0	182.0	**0**	**182.0**
Outlet Switch Gaskets	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Shell Infilitration	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Threshold	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Weatherization													
Attic Insulation	Sqft	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Attic Venting	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Ceiling Insulation	Sqft	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Floor Insulation	Sqft	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Kneewall Insulation	Sqft	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Weatherstripping	Home	0.0	0.0	0.0	116.0	**0.0**	**116.0**	0.0	0.0	0.0	1,160.0	**0**	**1,160.0**
Caulking	Home	0.0	0.0	0.0	34.0	**0.0**	**34.0**	0.0	0.0	0.0	340.0	**0**	**340.0**
Home Repairs	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Low Flow Shower Device	Home	0.0	0.0	0.0	1,060.0	**0.0**	**1,060.0**	0.0	0.0	0.0	10,600.0	**0**	**10,600.0**
Minor Envelope Repair	Home	0.0	0.0	0.0	261.0	**0.0**	**261.0**	0.0	0.0	0.0	5,220.0	**0**	**5,220.0**
Water Heater Pipe Wrap	Home	0.0	0.0	0.0	90.0	**0.0**	**90.0**	0.0	0.0	0.0	900.0	**0**	**900.0**
Sink Faucet Aerator	Home	0.0	0.0	0.0	424.0	**0.0**	**424.0**	0.0	0.0	0.0	4,240.0	**0**	**4,240.0**
Water Heater Blanket	Home	0.0	0.0	0.0	364.0	**0.0**	**364.0**	0.0	0.0	0.0	3,640.0	**0**	**3,640.0**
Weatherization Mileage	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Furnaces													
Repair - Gas	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Replacement - Gas	Each	0.0	0.0	0.0	26.0	**0.0**	**26.0**	0.0	0.0	0.0	520.0	**0**	**520.0**
Repair - Electric	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Replacement - Electric	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Other Incidentals		0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Miscellaneous Measures													
Door Replacement	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Glass Replacement	Each	0.0	0.0	0.0	54.0	**0.0**	**54.0**	0.0	0.0	0.0	1,080.0	**0**	**1,080.0**
Duct Sealing/Testing	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Duct Wrap	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Duct Register	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Storm Windows - Glass Fixed	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Storm Windows - Glass Operable	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Vinyl Retro Window	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Set Back Thermometer	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Filter Alert Device	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Foam Tape	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Gas Water Heater Repair/Replace	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Ele Water Heater Repair/Replace	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Reusable Filter/Replacement Signal	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Solar Screens	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Compact Fluorescent Bulbs	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Refrigerators	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Geo Exchange Heat Pumps	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
CF Fixtures Interior	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
CF Fixtures Exterior	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
NGAT	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Administration	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Outreach/Assessment	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Other (labor, materials, supplies)	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Education													
In-home Education	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Education Workshops		0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
Other (please specify)		0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0**	**0.0**
TOTAL		0.0	0.0	0.0	2,447.2	**0.0**	**2,447.2**	0.0	0.0	0.0	27,882.0	**0**	**27,882.0**

[1] Estimated annual energy savings are based upon the Impact Evaluation of the 2001 Statewide Low-Income Energy Efficiency Program completed April 8, 2003.

SOUTHWEST GAS CORPORATION
2007 LIEE ENERGY SAVINGS - PPP FUNDED
TABLE VIII.E

Measures	Units	Second Quarter (April - June)											
		Annual Energy Savings [1]						Lifetime Energy Savings					
		Northern		Southern		Total		Northern		Southern		Total	
		kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms
Infiltration & Space Conditioning													
Cooler Cover	Home	0.0	0.0	0.0	104.0	**0.0**	**104.0**	0.0	0.0	0.0	1,040.0	**0.0**	**1,040.0**
Outlet Switch Gaskets	Home	0.0	24.5	0.0	0.0	**0.0**	**24.5**	0.0	489.6	0.0	0.0	**0.0**	**489.6**
Shell Infilitration	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Threshold	Home	0.0	6.0	0.0	0.0	**0.0**	**6.0**	0.0	120.0	0.0	0.0	**0.0**	**120.0**
Weatherization													
Attic Insulation	Sqft	0.0	0.0	0.0	432.9	**0.0**	**432.9**	0.0	0.0	0.0	8,658.0	**0.0**	**8,658.0**
Attic Venting	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Ceiling Insulation	Sqft	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Floor Insulation	Sqft	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Kneewall Insulation	Sqft	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Weatherstripping	Home	0.0	32.5	0.0	456.0	**0.0**	**488.5**	0.0	325.4	0.0	4,560.0	**0.0**	**4,885.4**
Caulking	Home	0.0	6.0	0.0	92.0	**0.0**	**98.0**	0.0	78.0	0.0	920.0	**0.0**	**998.0**
Home Repairs	Home	0.0	22.5	0.0	0.0	**0.0**	**22.5**	0.0	450.0	0.0	0.0	**0.0**	**450.0**
Low Flow Shower Device	Home	0.0	10.0	0.0	4,120.0	**0.0**	**4,130.0**	0.0	100.0	0.0	41,200.0	**0.0**	**41,300.0**
Minor Envelope Repair	Home	0.0	0.0	0.0	1,021.5	**0.0**	**1,021.5**	0.0	0.0	0.0	20,430.0	**0.0**	**20,430.0**
Water Heater Pipe Wrap	Home	0.0	0.0	0.0	360.0	**0.0**	**360.0**	0.0	0.0	0.0	3,600.0	**0.0**	**3,600.0**
Sink Faucet Aerator	Home	0.0	28.0	0.0	1,684.0	**0.0**	**1,712.0**	0.0	280.0	0.0	16,840.0	**0.0**	**17,120.0**
Water Heater Blanket	Home	0.0	14.0	0.0	1,484.0	**0.0**	**1,498.0**	0.0	140.0	0.0	14,840.0	**0.0**	**14,980.0**
Weatherization Mileage	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Furnaces													
Repair - Gas	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Replacement - Gas	Each	0.0	0.0	0.0	234.0	**0.0**	**234.0**	0.0	0.0	0.0	4,680.0	**0.0**	**4,680.0**
Repair - Electric	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Replacement - Electric	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Other Incidentals		0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Miscellaneous Measures													
Door Replacement	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Glass Replacement	Each	0.0	0.0	0.0	166.5	**0.0**	**166.5**	0.0	0.0	0.0	3,330.0	**0.0**	**3,330.0**
Duct Sealing/Testing	Home	0.0	249.9	0.0	0.0	**0.0**	**249.9**	0.0	2,499.5	0.0	0.0	**0.0**	**2,499.5**
Duct Wrap	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Duct Register	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Storm Windows - Glass Fixed	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Storm Windows - Glass Operable	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Vinyl Retro Window	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Set Back Thermometer	Each	0.0	0.0	0.0	910.0	**0.0**	**910.0**	0.0	0.0	0.0	10,010.0	**0.0**	**10,010.0**
Filter Alert Device	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Foam Tape	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Gas Water Heater Repair/Replace	Each	0.0	0.0	0.0	28.1	**0.0**	**28.1**	0.0	0.0	0.0	365.4	**0.0**	**365.4**
Ele Water Heater Repair/Replace	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Reusable Filter/Replacement Signal	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Solar Screens	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Compact Fluorescent Bulbs	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Refrigerators	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Geo Exchange Heat Pumps	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
CF Fixtures Interior	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
CF Fixtures Exterior	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
NGAT	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Administration	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Outreach/Assessment	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Other (labor, materials, supplies)	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Education													
In-home Education	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Education Workshops		0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Other (please specify)		0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
TOTAL		0.0	393.5	0.0	11,093.0	**0.0**	**11,486.5**	0.0	4,482.5	0.0	130,473.4	**0.0**	**134,955.9**

[1] Estimated annual energy savings are based upon the Impact Evaluation of the 2001 Statewide Low-Income Energy Efficiency Program completed April 8, 2003.

SOUTHWEST GAS CORPORATION
2007 LIEE ENERGY SAVINGS - PPP FUNDED
TABLE VIII.E

Measures	Units	Third Quarter (July - August)											
		Annual Energy Savings [1]						Lifetime Energy Savings					
		Northern		Southern		Total		Northern		Southern		Total	
		kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms
Infiltration & Space Conditioning													
Cooler Cover	Home	0.0	18.2	0.0	83.2	**0.0**	**101.4**	0.0	182.0	0.0	832.0	**0.0**	**1,014.0**
Outlet Switch Gaskets	Home	0.0	99.0	0.0	0.0	**0.0**	**99.0**	0.0	1,980.0	0.0	0.0	**0.0**	**1,980.0**
Shell Infilitration	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Threshold	Home	0.0	26.0	0.0	0.0	**0.0**	**26.0**	0.0	520.0	0.0	0.0	**0.0**	**520.0**
Weatherization													
Attic Insulation	Sqft	0.0	0.0	0.0	434.3	**0.0**	**434.3**	0.0	0.0	0.0	8,686.6	**0.0**	**8,686.6**
Attic Venting	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Ceiling Insulation	Sqft	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Floor Insulation	Sqft	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Kneewall Insulation	Sqft	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Weatherstripping	Home	0.0	92.7	0.0	344.0	**0.0**	**436.7**	0.0	927.2	0.0	3,440.0	**0.0**	**4,367.2**
Caulking	Home	0.0	26.0	0.0	86.0	**0.0**	**112.0**	0.0	338.0	0.0	860.0	**0.0**	**1,198.0**
Home Repairs	Home	0.0	90.0	0.0	0.0	**0.0**	**90.0**	0.0	1,800.0	0.0	0.0	**0.0**	**1,800.0**
Low Flow Shower Device	Home	0.0	100.0	0.0	3,040.0	**0.0**	**3,140.0**	0.0	1,000.0	0.0	30,400.0	**0.0**	**31,400.0**
Minor Envelope Repair	Home	0.0	0.0	0.0	742.5	**0.0**	**742.5**	0.0	0.0	0.0	14,850.0	**0.0**	**14,850.0**
Water Heater Pipe Wrap	Home	0.0	20.0	0.0	285.0	**0.0**	**305.0**	0.0	200.0	0.0	2,850.0	**0.0**	**3,050.0**
Sink Faucet Aerator	Home	0.0	112.0	0.0	1,332.0	**0.0**	**1,444.0**	0.0	1,120.0	0.0	13,320.0	**0.0**	**14,440.0**
Water Heater Blanket	Home	0.0	70.0	0.0	952.0	**0.0**	**1,022.0**	0.0	700.0	0.0	9,520.0	**0.0**	**10,220.0**
Weatherization Mileage	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Furnaces													
Repair - Gas	Each	0.0	40.0	0.0	0.0	**0.0**	**40.0**	0.0	800.0	0.0	0.0	**0.0**	**800.0**
Replacement - Gas	Each	0.0	0.0	0.0	52.0	**0.0**	**52.0**	0.0	0.0	0.0	1,040.0	**0.0**	**1,040.0**
Repair - Electric	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Replacement - Electric	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Other Incidentals		0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Miscellaneous Measures													
Door Replacement	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Glass Replacement	Each	0.0	0.0	0.0	207.0	**0.0**	**207.0**	0.0	0.0	0.0	4,140.0	**0.0**	**4,140.0**
Duct Sealing/Testing	Home		749.8	0.0	0.0	**0.0**	**749.8**	0.0	7,498.4	0.0	0.0	**0.0**	**7,498.4**
Duct Wrap	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Duct Register	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Storm Windows - Glass Fixed	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Storm Windows - Glass Operable	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Vinyl Retro Window	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Set Back Thermometer	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Filter Alert Device	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Foam Tape	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Gas Water Heater Repair/Replace	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	121.8	**0.0**	**121.8**
Ele Water Heater Repair/Replace	Each	0.0	0.0	0.0	9.4	**0.0**	**9.4**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Reusable Filter/Replacement Signal	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Solar Screens	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Compact Fluorescent Bulbs	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Refrigerators	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Geo Exchange Heat Pumps	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
CF Fixtures Interior	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
CF Fixtures Exterior	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
NGAT	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Administration	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Outreach/Assessment	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Other (labor, materials, supplies)	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Education													
In-home Education	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Education Workshops		0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Other (please specify)		0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
TOTAL		0.0	1,443.8	0.0	7,567.4	**0.0**	**9,011.2**	0.0	17,065.6	0.0	90,060.4	**0.0**	**107,126.0**

[1] Estimated annual energy savings are based upon the Impact Evaluation of the 2001 Statewide Low-Income Energy Efficiency Program completed April 8, 2003.

SOUTHWEST GAS CORPORATION
2007 LIEE ENERGY SAVINGS - PPP FUNDED
TABLE VIII.E

Measures	Units	Fourth Quarter (October - December)											
		Annual Energy Savings [1]						Lifetime Energy Savings					
		Northern		Southern		Total		Northern		Southern		Total	
		kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms
Infiltration & Space Conditioning													
Cooler Cover	Home	0.0	91.0	0.0	221.0	**0.0**	**312.0**	0.0	910.0	0.0	2,210.0	**0.0**	**3,120.0**
Outlet Switch Gaskets	Home	0.0	322.6	0.0	1.8	**0.0**	**324.4**	0.0	6,451.2	0.0	36.0	**0.0**	**6,487.2**
Shell Infilitration	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Threshold	Home	0.0	178.0	0.0	0.0	**0.0**	**178.0**	0.0	3,560.0	0.0	0.0	**0.0**	**3,560.0**
Weatherization													
Attic Insulation	Sqft	0.0	0.0	0.0	608.5	**0.0**	**608.5**	0.0	0.0	0.0	12,170.6	**0.0**	**12,170.6**
Attic Venting	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Ceiling Insulation	Sqft	0.0	759.9	0.0	0.0	**0.0**	**759.9**	0.0	15,198.0	0.0	0.0	**0.0**	**15,198.0**
Floor Insulation	Sqft	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Kneewall Insulation	Sqft	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Weatherstripping	Home	0.0	427.4	0.0	1,048.0	**0.0**	**1,475.4**	0.0	4,274.0	0.0	10,480.0	**0.0**	**14,754.0**
Caulking	Home	0.0	111.0	0.0	235.0	**0.0**	**346.0**	0.0	1,443.0	0.0	2,350.0	**0.0**	**3,793.0**
Home Repairs	Home	0.0	454.5	0.0	0.0	**0.0**	**454.5**	0.0	9,090.0	0.0	0.0	**0.0**	**9,090.0**
Low Flow Shower Device	Home	0.0	420.0	0.0	9,930.0	**0.0**	**10,350.0**	0.0	4,200.0	0.0	99,300.0	**0.0**	**103,500.0**
Minor Envelope Repair	Home	0.0	0.0	0.0	2,277.0	**0.0**	**2,277.0**	0.0	0.0	0.0	45,540.0	**0.0**	**45,540.0**
Water Heater Pipe Wrap	Home	0.0	80.0	0.0	865.0	**0.0**	**945.0**	0.0	800.0	0.0	8,650.0	**0.0**	**9,450.0**
Sink Faucet Aerator	Home	0.0	716.0	0.0	3,616.0	**0.0**	**4,332.0**	0.0	7,160.0	0.0	36,160.0	**0.0**	**43,320.0**
Water Heater Blanket	Home	0.0	280.0	0.0	2,786.0	**0.0**	**3,066.0**	0.0	2,800.0	0.0	27,860.0	**0.0**	**30,660.0**
Weatherization Mileage	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Furnaces													
Repair - Gas	Each	0.0	80.0	0.0	0.0	**0.0**	**80.0**	0.0	1,600.0	0.0	0.0	**0.0**	**1,600.0**
Replacement - Gas	Each	0.0	0.0	0.0	416.0	**0.0**	**416.0**	0.0	0.0	0.0	8,320.0	**0.0**	**8,320.0**
Repair - Electric	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Replacement - Electric	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Other Incidentals		0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Miscellaneous Measures													
Door Replacement	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Glass Replacement	Each	0.0	0.0	0.0	661.5	**0.0**	**661.5**	0.0	0.0	0.0	13,230.0	**0.0**	**13,230.0**
Duct Sealing/Testing	Home	0.0	2,832.7	0.0	0.0	**0.0**	**2,832.7**	0.0	28,327.4	0.0	0.0	**0.0**	**28,327.4**
Duct Wrap	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Duct Register	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Storm Windows - Glass Fixed	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Storm Windows - Glass Operable	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Vinyl Retro Window	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Set Back Thermometer	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Filter Alert Device	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Foam Tape	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Gas Water Heater Repair/Replace	Each	0.0	5.8	0.0	65.6	**0.0**	**71.4**	0.0	87.0	0.0	852.7	**0.0**	**939.7**
Ele Water Heater Repair/Replace	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Reusable Filter/Replacement Signal	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Solar Screens	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Compact Fluorescent Bulbs	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Refrigerators	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Geo Exchange Heat Pumps	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
CF Fixtures Interior	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
CF Fixtures Exterior	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
NGAT	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Administration	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Outreach/Assessment	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Other (labor, materials, supplies)	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Education													
In-home Education	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Education Workshops		0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Other (please specify)		0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
TOTAL		0.0	6,758.9	0.0	22,731.4	**0.0**	**29,490.3**	0.0	85,900.6	0.0	267,159.3	**0.0**	**353,059.8**

[1] Estimated annual energy savings are based upon the Impact Evaluation of the 2001 Statewide Low-Income Energy Efficiency Program completed April 8, 2003.

SOUTHWEST GAS CORPORATION
2007 LIEE ENERGY SAVINGS - PPP FUNDED
TABLE VIII.E

Measures	Units	Year to Date											
		Annual Energy Savings [1]						Lifetime Energy Savings					
		Northern		Southern		Total		Northern		Southern		Total	
		kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms
Infiltration & Space Conditioning													
Cooler Cover	Home	0.0	109.2	0.0	426.4	**0.0**	**535.6**	0.0	1,092.0	0.0	4,264.0	**0.0**	**5,356.0**
Outlet Switch Gaskets	Home	0.0	446.0	0.0	1.8	**0.0**	**447.8**	0.0	8,920.8	0.0	36.0	**0.0**	**8,956.8**
Shell Infilitration	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Threshold	Home	0.0	210.0	0.0	0.0	**0.0**	**210.0**	0.0	4,200.0	0.0	0.0	**0.0**	**4,200.0**
Weatherization													
Attic Insulation	Sqft	0.0	0.0	0.0	1,475.8	**0.0**	**1,475.8**	0.0	0.0	0.0	29,515.2	**0.0**	**29,515.2**
Attic Venting	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Ceiling Insulation	Sqft	0.0	759.9	0.0	0.0	**0.0**	**759.9**	0.0	15,198.0	0.0	0.0	**0.0**	**15,198.0**
Floor Insulation	Sqft	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Kneewall Insulation	Sqft	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Weatherstripping	Home	0.0	552.7	0.0	1,964.0	**0.0**	**2,516.7**	0.0	5,526.6	0.0	19,640.0	**0.0**	**25,166.6**
Caulking	Home	0.0	143.0	0.0	447.0	**0.0**	**590.0**	0.0	1,859.0	0.0	4,470.0	**0.0**	**6,329.0**
Home Repairs	Home	0.0	567.0	0.0	0.0	**0.0**	**567.0**	0.0	11,340.0	0.0	0.0	**0.0**	**11,340.0**
Low Flow Shower Device	Home	0.0	530.0	0.0	18,150.0	**0.0**	**18,680.0**	0.0	5,300.0	0.0	181,500.0	**0.0**	**186,800.0**
Minor Envelope Repair	Home	0.0	0.0	0.0	4,302.0	**0.0**	**4,302.0**	0.0	0.0	0.0	86,040.0	**0.0**	**86,040.0**
Water Heater Pipe Wrap	Home	0.0	100.0	0.0	1,600.0	**0.0**	**1,700.0**	0.0	1,000.0	0.0	16,000.0	**0.0**	**17,000.0**
Sink Faucet Aerator	Home	0.0	856.0	0.0	7,056.0	**0.0**	**7,912.0**	0.0	8,560.0	0.0	70,560.0	**0.0**	**79,120.0**
Water Heater Blanket	Home	0.0	364.0	0.0	5,586.0	**0.0**	**5,950.0**	0.0	3,640.0	0.0	55,860.0	**0.0**	**59,500.0**
Weatherization Mileage	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Furnaces													
Repair - Gas	Each	0.0	120.0	0.0	0.0	**0.0**	**120.0**	0.0	2,400.0	0.0	0.0	**0.0**	**2,400.0**
Replacement - Gas	Each	0.0	0.0	0.0	728.0	**0.0**	**728.0**	0.0	0.0	0.0	14,560.0	**0.0**	**14,560.0**
Repair - Electric	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Replacement - Electric	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Other Incidentals		0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Miscellaneous Measures													
Door Replacement	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Glass Replacement	Each	0.0	0.0	0.0	1,089.0	**0.0**	**1,089.0**	0.0	0.0	0.0	21,780.0	**0.0**	**21,780.0**
Duct Sealing/Testing	Home	0.0	3,832.5	0.0	0.0	**0.0**	**3,832.5**	0.0	38,325.3	0.0	0.0	**0.0**	**38,325.3**
Duct Wrap	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Duct Register	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Storm Windows - Glass Fixed	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Storm Windows - Glass Operable	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Vinyl Retro Window	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Set Back Thermometer	Each	0.0	0.0	0.0	910.0	**0.0**	**910.0**	0.0	0.0	0.0	10,010.0	**0.0**	**10,010.0**
Filter Alert Device	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Foam Tape	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Gas Water Heater Repair/Replace	Each	0.0	5.8	0.0	93.7	**0.0**	**99.5**	0.0	87.0	0.0	1,339.9	**0.0**	**1,426.9**
Ele Water Heater Repair/Replace	Each	0.0	0.0	0.0	9.4	**0.0**	**9.4**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Reusable Filter/Replacement Signal	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Solar Screens	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Compact Fluorescent Bulbs	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Refrigerators	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Geo Exchange Heat Pumps	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
CF Fixtures Interior	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
CF Fixtures Exterior	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
NGAT	Each	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Administration	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Outreach/Assessment	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Other (labor, materials, supplies)	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Education													
In-home Education	Home	0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Education Workshops		0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
Other (please specify)		0.0	0.0	0.0	0.0	**0.0**	**0.0**	0.0	0.0	0.0	0.0	**0.0**	**0.0**
TOTAL		0.0	8,596.1	0.0	43,839.0	**0.0**	**52,435.1**	0.0	107,448.7	0.0	515,575.1	**0.0**	**623,023.8**

[1] Estimated annual energy savings are based upon the Impact Evaluation of the 2001 Statewide Low-Income Energy Efficiency Program completed April 8, 2003