



SOUTHWEST GAS CORPORATION

**LOW-INCOME ASSISTANCE PROGRAMS
2005 ANNUAL REPORT**

**Reporting Period:
January 1, 2005 through December 31, 2005**

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

May 2006

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 ASSISTANCE PROGRAMS
2005 ANNUAL REPORT**

INTRODUCTION

Southwest Gas Corporation (Southwest) respectfully submits its Annual Report on low-income assistance programs as directed in the June 24, 2004, Scoping Memo of Assigned Commissioner Carl W. Wood and Administrative Law Judge Sarah R. Thomas, rendered in Rulemaking (R.) 04-01-006. The reporting follows the requirements set forth in the Second Energy Division Workshop Report (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), filed on April 5, 2004.

By Decision (D.) 05-03-010, dated March 17, 2005, the California Public Utilities Commission authorized the acquisition of Avista Corporation's natural gas assets located in California by Southwest. On April 29, 2005, Southwest consummated the acquisition of Avista's natural gas assets and began serving customers in the South Lake Tahoe area.

D.05-10-044 was approved on October 27, 2005, and implemented the Winter Initiative in response to high natural gas prices and the impact of those rising prices on consumers, especially low-income customers. Southwest was the only Small Multi-Jurisdictional Utility (SMJU) to be included in the Winter Initiative, along with the large Investor-Owned Utilities (IOU). The Winter Initiative began November 1, 2005, and continued through April 30, 2006. Decision requirements include: 1) increasing the CARE income guidelines from 175 percent to 200 percent of the Federal Poverty Income levels; 2) suspending shut-off for all residential customers who pay at least 50 percent of their current bill during the winter months (November through April) and setting up nine-month repayment plans; 3) suspending the collection of reconnection fees and deposits for low-income customers during the winter; 4) waiving reconnection and deposit fees for CARE customers; 5) increasing outreach efforts for CARE and LIEE; 6) conducting CARE enrollment and re-enrollment by telephone; 7) suspending recertification of existing CARE customers; 8) allowing LIEE furnace replacements on a "go back" basis for dwellings that have previously been weatherized, and also allowing furnace replacements for renters, where feasible; and 9) adding the replacement of leaky or broken water heaters as an approved measure.

Rate Recovery

Expenses listed in this report are consistent with the amounts approved by the Commission in Decision (D.) 05-07-014.

Reporting

Southwest's 2005 Low-Income Assistance Programs Annual Report consists of the following sections:

Section I – CARE Residential Program (excluding South Lake Tahoe District)

Section II – CARE Expanded Program (excluding South Lake Tahoe District)

Section III – LIEE Program (excluding South Lake Tahoe District)

- 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

Section IV – CARE Residential Program – South Lake Tahoe District

Section V – CARE Expanded Program – South Lake Tahoe District

Section VI – LIEE Program – South Lake Tahoe District

Table VIII.A – Expenditures

Table VIII.B – Administrative Expenses

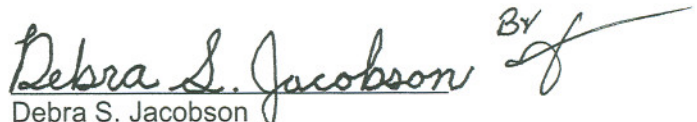
Table VIII.C – Outreach Activities

Table VIII.D – Installations and Costs

Table VIII.E – Energy Savings

Dated at Las Vegas, Nevada this 28th day of April, 2006.

Respectfully submitted,

 By *Debra S. Jacobson*

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Section I

Low-Income Assistance Programs 2005 Annual Report

– CARE Residential Program – (Excluding South Lake Tahoe District)

**Southwest Gas Corporation
(U 905 G)
Low-Income Assistance Programs
2005 Annual Report
January 1, 2005 – December 31, 2005**

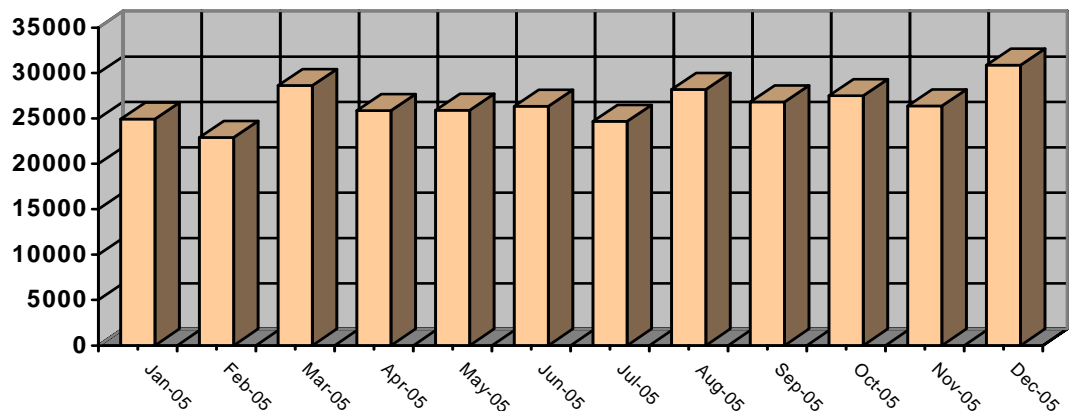
CARE Residential Program

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 1.A.1***



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

Fluctuations are due to customer migrations, improved economic situations for program participants, expirations of eligibility, and cycle billing effects.

- 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% or more.**

The significant increase in CARE participation throughout 2005 was largely due to the Southwest/Southern California Edison Company data share effort. Southwest also experienced an additional increase from November to December due to the Winter Initiative implemented by the Commission to help low-income residential customers meet the anticipated high energy prices during the 2005/2006 Winter season, including increasing the income eligibility from 175% to 200% of the Federal Poverty Income (FPI) Guidelines.

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

Table I. A. Number of participating low-income ratepayers, including submetered households, by month

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Monthly Average
DISTRICT													
Barstow 11	2,336	2,405	2,444	2,433	2,416	2,397	2,415	2,452	2,578	2,445	2,663	2,942	2,494
Victorville 12	20,715	18,915	23,934	21,609	21,445	21,738	20,631	23,387	22,299	22,874	21,930	25,521	22,083
Big Bear 13	1,297	1,052	1,561	1,247	1,406	1,387	1,233	1,405	1,370	1,323	1,441	1,630	1,363
N. Calif. 14	150	147	190	167	188	217	146	247	221	260	171	288	199
Truckee 15	136	82	192	141	140	150	113	158	175	191	163	206	154
Needles 19	284	284	282	275	307	429	140	524	156	411	7	272	281
All Districts	24,918	22,885	28,603	25,872	25,902	26,318	24,678	28,173	26,799	27,504	26,375	30,859	26,574

Table I. A. Variance in number of participating low-income ratepayers, including submetered households, from previous month

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Annual Increase/ Decrease (1)
DISTRICT													
Barstow 11	0.7%	3.0%	1.6%	-0.5%	-0.7%	-0.8%	0.8%	1.5%	5.1%	-5.2%	8.9%	10.5%	26.8%
Victorville 12	2.3%	-8.7%	26.5%	-9.7%	-0.8%	1.4%	-5.1%	13.4%	-4.7%	2.6%	-4.1%	16.4%	26.0%
Big Bear 13	1.6%	-18.9%	48.4%	-20.1%	12.8%	-1.4%	-11.1%	13.9%	-2.5%	-3.4%	8.9%	13.1%	27.7%
N. Calif. 14	7.9%	-2.0%	29.3%	-12.1%	12.6%	15.4%	-32.7%	69.2%	-10.5%	17.6%	-34.2%	68.4%	107.2%
Truckee 15	4.6%	-39.7%	134.1%	-26.6%	-0.7%	7.1%	-24.7%	39.8%	10.8%	9.1%	-14.7%	26.4%	58.5%
Needles 19	-2.4%	0.0%	-0.7%	-2.5%	11.6%	39.7%	-67.4%	274.3%	-70.2%	163.5%	-98.3%	3785.7%	-6.5%
All Districts	2.1%	-8.2%	25.0%	-9.5%	0.1%	1.6%	-6.2%	14.2%	-4.9%	2.6%	-4.1%	17.0%	26.4%

- (1) To adjust for cycle billing effects, the annual increase/decrease for the 2005 program year is derived by comparing December 2004 customer counts to December 2005 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, 2005:

Southern California	119,963
Northern California	21,775
Total	141,738*

*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	38,522
Northern California	440
Total Estimated	38,962*

*Estimated eligible CARE participants were calculated based on income eligibility at 175% and 200% of the FPI Guidelines for January through October 2005 and November and December 2005, respectively.

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	33.8%
Northern California	4.8%

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, 2005, there were 30,859 Southwest customers participating in the CARE Program, which represents approximately 80% of the total estimated for eligibility.

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

Table I.B – CARE Participation

Month	Enrolled by Non-Capitation	Enrolled by Capitation	Total Enrolled [1]	Total CARE Participants	Estimated Eligible	Participation Rate
January	1,282	10	1,292	24,918	33,996	73%
February	1,385	15	1,400	22,885	33,996	67%
March	1,289	15	1,304	28,603	33,996	84%
April	903	15	918	25,872	33,996	76%
May	674	11	685	25,902	33,996	76%
June	714	24	738	26,318	33,996	77%
July	1,956	15	1,971	24,678	33,996	73%
August	1,857	10	1,867	28,173	33,996	83%
September	3,074	42	3,116	26,799	33,996	79%
October	1,225	23	1,248	27,504	33,996	81%
November	3,063	21	3,084	26,375	38,522	68%
December	3,787	15	3,802	30,859	38,522	80%

[1] Total enrolled by month include both first-time CARE customers and those re-enrolled on the CARE rate.

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.

Submetered Participants (Master-Metered Customers)

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 79 master-metered accounts in Southwest's service areas – 48 with submetering and 31 without submetering.

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

Southwest estimates 785 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 762 submetered CARE Program participants as of December 31, 2005, which represents approximately 97% of the total estimated for eligibility.

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. 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, 2005.

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 capitation fees, bill inserts, applications, and a variety of other activities summarized in Table IV.A. In addition, a small portion of the outreach costs were used for direct contact (phone and personal) with customers inquiring about CARE, along with the mailing of applications to customers unable to visit local business offices to obtain applications.

Processing, Certification and Verification

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.

Verification – Review of application for income eligibility, requests for proof of eligibility, repeat contacts with applicants for additional information, and random sampling of applications.

Billing System Programming

Programming to create and modify system program to gather and track customer data for multiple purposes, including recertification notification, data sharing and reports required by the CPUC. In addition, a consultant was hired to complete CARE data share matches with Sierra Pacific Power Company and Bear Valley Electric.

Regulatory Compliance

Regulatory Compliance – Includes costs related to the annual budget filing, attendance at hearings and workshops, along with the annual and mid-year status reports and other low-income program related filings as required.

General Administration

General – Activities related to filing, logging, and reporting of: applications received; applications returned for incomplete information; research and review of CARE computer reports; examination for duplicate applications; and updates to master-meter accounts for number of qualifying tenants. Includes costs related to annual program reporting and regulatory compliance.

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)

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
<i>Average Tier 1 usage for all residential customers (excluding CARE participants master-metered consumption)</i>																
DISTRICT																
Barstow 11	55.70	45.17	42.05	37.79	16.62	11.45	11.57	9.93	10.80	10.86	18.10	47.13	317.17	26.43	40.99	11.87
Victorville 12	60.72	55.00	52.41	43.45	23.79	13.30	12.84	11.60	12.59	13.15	22.26	51.45	368.50	31.05	47.55	14.55
Big Bear 13	75.42	67.57	66.07	58.11	46.72	23.38	14.44	13.78	15.17	24.93	46.39	63.23	512.31	42.93	56.06	16.69
N. Calif. 14	83.06	75.69	76.56	69.20	60.96	31.42	16.08	15.07	17.68	34.06	59.15	73.44	604.61	51.03	66.52	20.06
Truckee 15	71.75	67.73	66.32	61.45	53.74	30.66	16.29	13.43	15.70	27.80	51.18	68.44	542.67	45.37	58.55	19.02
Needles 19	23.93	22.54	21.02	16.40	13.04	7.73	6.95	7.05	7.09	7.06	5.86	16.72	156.93	12.95	17.75	8.15
All Districts	62.52	55.97	54.15	45.68	28.25	15.62	13.09	11.78	13.00	15.34	26.67	53.37	391.83	32.95	47.90	15.06

Table II. A. Usage Information (In Therms)

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
<i>Average Tier 2 usage for all residential customers (excluding CARE participants master-metered consumption)</i>																
DISTRICT																
Barstow 11	34.30	16.10	6.66	4.19	6.82	5.34	4.23	3.22	4.08	5.37	6.20	16.33	113.02	9.40	13.96	4.84
Victorville 12	32.78	23.44	14.74	5.42	7.77	8.42	5.20	3.78	4.56	6.35	7.65	11.59	129.37	10.98	15.94	6.01
Big Bear 13	44.39	37.90	28.04	16.50	6.22	4.58	5.48	3.48	6.03	6.53	4.80	16.99	179.35	15.08	20.17	4.89
N. Calif. 14	40.35	30.02	26.83	18.70	9.61	11.82	6.75	3.56	8.80	5.87	9.35	22.17	192.40	16.15	20.36	7.73
Truckee 15	51.91	42.99	31.13	23.92	11.05	10.22	9.36	4.28	7.93	11.52	9.00	33.14	244.55	20.54	26.83	7.95
Needles 19	10.71	9.21	5.00	1.47	0.52	3.36	2.77	2.28	2.96	3.00	0.26	1.91	45.72	3.62	4.76	2.48
All Districts	34.88	24.90	16.49	7.63	7.70	8.00	5.37	3.68	4.99	6.44	7.40	13.87	139.37	11.78	17.00	5.65

Table II. A. Usage Information (In Therms)

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
<i>Average Tier 1 and Tier 2 usage for all residential customers (excluding CARE participants master-metered consumption)</i>																
DISTRICT																
Barstow 11	90.00	61.26	48.71	41.98	23.45	16.79	15.80	13.15	14.88	16.23	24.30	63.46	430.19	35.83	54.95	16.72
Victorville 12	93.51	78.44	67.15	48.87	31.56	21.72	18.04	15.37	17.15	19.50	29.91	63.04	497.87	42.02	63.49	20.56
Big Bear 13	119.82	105.47	94.11	74.61	52.93	27.96	19.93	17.26	21.19	31.46	51.19	80.22	691.65	58.01	76.23	21.59
N. Calif. 14	123.41	105.71	103.39	87.90	70.57	43.24	22.84	18.63	26.48	39.93	68.50	95.61	797.01	67.18	86.88	27.80
Truckee 15	123.66	110.72	97.45	85.38	64.79	40.87	25.65	17.71	23.63	39.32	60.18	101.58	787.21	65.91	85.39	26.97
Needles 19	34.64	31.75	26.02	17.86	13.56	11.09	9.72	9.34	10.05	10.06	6.11	18.63	202.64	16.57	22.50	10.64
All Districts	97.40	80.87	70.64	53.30	35.95	23.63	18.46	15.46	17.99	21.78	34.06	67.24	531.20	44.73	64.91	20.71

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

Table II. B. Usage Information (In Therms)

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
<i>Average Tier 1 usage for CARE participants (excluding master-metered consumption)</i>																
DISTRICT																
Barstow 11	56.93	44.67	42.12	38.75	17.95	12.09	12.16	10.56	10.97	11.57	19.21	46.24	325.99	26.94	41.32	12.55
Victorville 12	60.61	54.37	50.69	42.69	24.03	14.37	13.48	12.23	13.30	13.75	22.73	49.51	370.76	30.98	46.77	15.19
Big Bear 13	76.41	70.59	67.97	61.04	49.07	24.79	16.09	14.85	16.71	27.37	49.25	65.67	539.44	44.98	58.42	18.11
N. Calif. 14	81.41	76.98	72.88	68.47	60.54	32.53	16.95	14.76	17.72	29.25	50.16	65.96	565.15	48.97	63.21	20.49
Truckee 15	66.26	62.82	60.26	53.89	45.12	26.00	15.69	13.47	16.01	27.48	48.44	60.09	492.05	41.29	53.05	17.79
Needles 19	27.17	25.25	23.10	17.52	13.65	7.90	7.66	7.43	7.37	4.95	4.71	17.96	166.79	13.72	19.29	8.16
All Districts	60.83	53.94	50.80	43.18	25.02	14.82	13.48	12.16	13.28	14.34	24.08	49.98	375.11	31.33	47.01	15.38

Table II. B. Usage Information (In Therms)

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
<i>Average Tier 2 usage for CARE participants (excluding master-metered consumption)</i>																
DISTRICT																
Barstow 11	32.65	16.29	6.80	4.76	7.82	6.38	5.20	4.07	5.34	6.63	7.62	15.88	119.76	9.95	14.00	5.91
Victorville 12	25.97	17.74	11.08	4.15	7.88	7.97	5.28	3.87	4.68	7.01	7.75	9.89	111.29	9.44	12.76	6.12
Big Bear 13	30.72	27.12	19.58	11.38	3.33	4.59	4.65	3.48	6.00	6.02	2.95	12.50	129.07	11.03	14.20	4.68
N. Calif. 14	20.81	19.49	13.63	9.92	4.96	7.00	6.19	2.45	4.62	3.40	2.51	9.07	96.17	8.67	10.47	5.07
Truckee 15	29.10	29.96	16.28	12.26	5.24	9.54	7.70	3.97	7.61	4.90	1.64	12.00	129.46	11.68	13.92	7.21
Needles 19	11.68	9.41	5.05	2.67	0.55	3.83	3.31	2.34	3.08	5.58	0.86	1.79	53.07	4.18	5.24	3.12
All Districts	26.63	17.97	11.15	4.62	7.51	7.59	5.25	3.83	4.82	6.86	7.42	10.51	112.29	9.51	11.77	5.35

Table II. B. Usage Information (In Therms)

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
<i>Average Tier 1 and Tier 2 usage for CARE participants (excluding master-metered consumption)</i>																
DISTRICT																
Barstow 11	89.58	60.96	48.92	43.51	25.77	18.47	17.36	14.63	16.31	18.20	26.83	62.12	445.75	36.89	55.32	18.46
Victorville 12	86.58	72.11	61.77	46.84	31.91	22.34	18.76	16.10	17.98	20.76	30.48	59.40	482.05	40.42	59.53	21.31
Big Bear 13	107.13	97.72	87.56	72.42	52.40	29.38	20.74	18.33	22.70	33.38	52.21	78.17	668.51	56.01	72.62	22.79
N. Calif. 14	102.21	96.47	86.51	78.39	65.51	39.52	23.14	17.21	22.33	32.65	52.67	75.03	661.31	57.64	73.68	25.55
Truckee 15	95.37	92.78	76.54	66.14	50.36	35.54	23.39	17.44	23.62	32.38	50.09	72.09	621.51	52.98	66.97	25.00
Needles 19	38.86	34.65	28.14	20.19	14.20	11.73	10.97	9.77	10.46	10.53	5.57	19.75	219.86	17.90	24.53	11.28
All Districts	87.46	71.91	61.95	47.81	32.54	22.40	18.73	15.99	18.10	21.20	31.50	60.49	487.41	40.84	58.78	20.73

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

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05
AVERAGE USAGE – NONCARE (In Therms)												
All Districts												
Customers	92,263	80,214	104,461	92,042	94,161	99,534	88,738	105,104	90,383	94,516	84,666	91,157
Avg. Tier 1 Use	62.52	55.97	54.15	45.68	28.25	15.62	13.09	11.78	13.00	15.34	26.67	53.37
Avg. Tier 2 Use	34.88	24.90	16.49	7.63	7.70	8.00	5.37	3.68	4.99	6.44	7.40	13.87
Total Avg. Use	97.40	80.87	70.64	53.31	35.95	23.62	18.46	15.46	17.99	21.78	34.07	67.24

Average Monthly Usage	Average Winter Usage	Average Summer Usage
93,103	90,960	95,532
32.95	47.90	15.06
11.78	17.00	5.65
44.73	64.90	20.71

Table II. C. CARE Participant Versus NonCARE

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05
AVERAGE USAGE – CARE PARTICIPANTS (In Therms) (Does not include master meter)												
All Districts												
Customers	24,239	22,235	27,753	25,181	25,098	25,545	23,889	27,314	25,910	26,876	25,590	30,110
Avg. Tier 1 Use	60.83	53.94	50.80	43.18	25.02	14.82	13.48	12.16	13.28	14.34	24.08	49.98
Avg. Tier 2 Use	26.63	17.97	11.15	4.62	7.51	7.59	5.25	3.83	4.82	6.86	7.42	10.51
Total Avg. Use	87.46	71.91	61.95	47.80	32.53	22.41	18.73	15.99	18.10	21.20	31.50	60.49

Average Monthly Usage	Average Winter Usage	Average Summer Usage
25,812	25,757	25,757
31.33	47.01	15.38
9.51	11.77	5.35
40.84	58.78	20.73

Table II. C. CARE Participant Versus NonCARE

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05
CARE PARTICIPANTS Average Usage Greater Than/(Less Than) NONCARE Average Usage (In Therms) (Does not include master meter)												
All Districts												
Avg. Tier 1 Use	(1.69)	(2.03)	(3.35)	(2.50)	(3.23)	(0.80)	0.39	0.38	0.28	(1.00)	(2.59)	(3.39)
Avg. Tier 2 Use	(8.25)	(6.93)	(5.34)	(3.01)	(0.19)	(0.41)	(0.12)	0.15	(0.17)	0.42	0.02	(3.36)
Total Avg. Use	(9.94)	(8.96)	(8.69)	(5.51)	(3.42)	(1.21)	0.27	0.53	0.11	(0.58)	(2.57)	(6.75)

Average Monthly Usage	Average Winter Usage	Average Summer Usage
(1.62)	(0.89)	0.32
(2.27)	(5.23)	(0.30)
(3.89)	(6.12)	0.02

Table II. C. CARE Participant Versus NonCARE

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05
CARE PARTICIPANTS Average Usage Greater Than/(Less Than) NONCARE Average Usage (as Percentage) (Does not include master meter)												
All Districts												
Avg. Tier 1 Use	(2.7%)	(3.6%)	(6.2%)	(5.5%)	(11.4%)	(5.1%)	3.0%	3.2%	2.2%	(6.5%)	(9.7%)	(6.4%)
Avg. Tier 2 Use	(23.7%)	(27.8%)	(32.4%)	(39.4%)	(2.5%)	(5.1%)	(2.2%)	4.1%	(3.4%)	6.5%	0.3%	(24.2%)
Total Avg. Use	(10.2%)	(11.1%)	(12.3%)	(10.3%)	(9.5%)	(5.1%)	1.5%	3.4%	0.6%	(2.7%)	(7.5%)	(10.0%)

Average Monthly Usage	Average Winter Usage	Average Summer Usage
(4.9%)	(1.9%)	2.1%
(19.3%)	(30.8%)	(5.3%)
(8.7%)	(9.4%)	0.1%

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

Table III. A. Program Costs

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Average Monthly Bill	Average Winter Bill	Average Summer Bill		
AVERAGE BILL – NONCARE																	
DISTRICT																	
Barstow 11	\$	120.88	82.72	67.17	59.87	36.96	26.02	25.09	21.78	24.56	29.07	43.92	101.29	\$	53.28	79.31	27.25
Victorville 12	\$	125.10	104.68	91.25	68.66	47.89	32.86	27.92	24.63	27.68	34.01	52.73	99.99	\$	61.45	90.40	32.50
Big Bear 13	\$	159.28	139.84	127.03	103.38	75.89	40.55	30.28	26.93	33.22	51.54	85.46	126.32	\$	83.31	108.59	32.75
N. Calif. 14	\$	206.72	167.71	162.72	139.71	114.17	71.03	39.19	32.82	46.73	74.49	131.83	180.52	\$	113.97	147.23	47.44
Truckee 15	\$	210.44	176.98	154.23	136.09	105.69	67.60	43.47	31.61	41.58	72.15	116.12	194.04	\$	112.50	145.72	46.07
Needles 19	\$	49.77	45.06	38.09	27.80	22.99	19.07	16.06	16.90	18.82	20.15	14.16	34.02	\$	26.91	34.82	19.00
All Districts	\$	134.44	110.55	98.16	76.37	55.02	36.26	28.92	25.12	29.37	38.23	60.65	109.69	\$	66.90	101.01	34.17

Table III. B. Program Costs

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Average Monthly Bill	Average Winter Bill	Average Summer Bill		
AVERAGE BILL -- CARE Participants (Does not include master meter)																	
DISTRICT																	
Barstow 11	\$	90.98	62.56	51.37	47.24	30.79	21.05	20.80	18.22	20.33	24.67	37.02	76.08	\$	41.76	60.88	22.64
Victorville 12	\$	87.50	73.07	63.92	50.21	36.98	25.21	22.05	19.60	22.04	27.60	41.30	72.21	\$	45.14	64.70	25.58
Big Bear 13	\$	107.04	98.05	89.41	76.10	56.92	32.01	23.83	21.64	27.00	41.84	66.60	93.36	\$	61.15	78.67	26.12
N. Calif. 14	\$	138.76	121.85	108.35	98.75	84.36	51.46	31.56	24.39	31.81	49.02	80.97	113.61	\$	77.91	99.46	34.81
Truckee 15	\$	127.91	118.26	96.66	84.56	65.88	46.50	31.96	24.79	33.43	48.51	77.52	109.03	\$	72.08	91.04	34.17
Needles 19	\$	41.78	37.06	31.13	23.66	18.29	15.17	12.59	13.45	14.97	16.13	10.70	27.58	\$	21.88	28.65	15.10
All Districts	\$	88.80	73.18	64.38	51.42	37.73	25.37	22.07	19.54	22.25	28.22	42.66	73.90	\$	45.79	70.57	26.40

Table III. C. Average Monthly Discount in Dollars per CARE Participant

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Monthly Discount	Winter Discount	Summer Discount		
DISTRICT																	
Barstow 11	\$	22.35	15.32	12.59	11.56	7.53	5.39	4.92	4.35	4.85	5.99	9.07	18.81	\$	10.23	14.95	5.51
Victorville 12	\$	21.59	17.95	15.71	12.39	9.11	6.43	5.43	4.81	5.41	6.82	10.25	17.86	\$	11.15	15.96	6.34
Big Bear 13	\$	26.52	24.25	22.23	18.86	14.05	8.07	5.90	5.36	6.72	10.31	16.44	23.04	\$	15.15	19.46	6.51
N. Calif. 14	\$	34.48	30.26	26.91	24.52	20.85	12.73	7.84	6.06	7.91	12.19	20.13	28.25	\$	19.34	24.70	8.64
Truckee 15	\$	31.78	29.37	24.01	21.00	16.14	11.65	7.94	6.16	8.31	12.06	19.28	26.99	\$	17.89	22.58	8.52
Needles 19	\$	10.35	9.15	7.71	5.84	4.49	3.89	3.56	3.34	3.72	4.00	2.66	6.85	\$	5.46	7.09	3.83
All Districts	\$	21.92	17.98	15.85	12.68	9.30	6.46	5.42	4.79	5.45	6.96	10.58	18.28	\$	11.31	17.46	6.56

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

Table III. D.1. Total CARE Administrative Costs

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Total Program Costs
DISTRICT													
Barstow 11	\$ 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ 0.00
Victorville 12	\$ 2,397.32	3,568.40	5,296.05	3,435.06	2,615.51	2,192.34	2,235.22	5,287.49	6,388.27	5,374.91	7,094.82	59,637.43	\$ 105,522.82
Big Bear 13	\$ 223.99	275.68	220.37	1,025.50	733.99	942.21	548.65	495.56	0.00	0.00	0.00	0.00	\$ 4,465.95
N. Calif. 14	\$ 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ 0.00
Truckee 15	\$ 157.54	751.24	126.57	379.99	1,790.95	471.76	611.45	881.83	1,506.73	1,002.10	644.54	503.15	\$ 8,827.85
Needles 19	\$ 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ 0.00
All Districts	\$ 2,778.85	4,595.32	5,642.99	4,840.55	5,140.45	3,606.31	3,395.32	6,664.88	7,895.00	6,377.01	7,739.36	60,140.58	\$ 118,816.82

Table III. D.1. Number of Participating Customers

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Monthly Average
DISTRICT													
Barstow 11	2,336	2,405	2,444	2,433	2,416	2,397	2,415	2,452	2,578	2,445	2,663	2,942	2,494
Victorville 12	20,715	18,915	23,934	21,609	21,445	21,738	20,631	23,387	22,299	22,874	21,930	25,521	22,083
Big Bear 13	1,297	1,052	1,561	1,247	1,406	1,387	1,233	1,405	1,370	1,323	1,441	1,630	1,363
N. Calif. 14	150	147	190	167	188	217	146	247	221	260	171	288	199
Truckee 15	136	82	192	141	140	150	113	158	175	191	163	206	154
Needles 19	284	284	282	275	307	429	140	524	156	411	7	272	281
All Districts	24,918	22,885	28,603	25,872	25,902	26,318	24,678	28,173	26,799	27,504	26,375	30,859	26,574

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

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Total
DISTRICT													
Barstow 11	\$ 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ 0.00
Victorville 12	\$ 0.12	0.19	0.22	0.16	0.12	0.10	0.11	0.23	0.29	0.23	0.32	2.34	\$ 4.78
Big Bear 13	\$ 0.17	0.26	0.14	0.82	0.52	0.68	0.44	0.35	0.00	0.00	0.00	0.00	\$ 3.28
N. Calif. 14	\$ 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ 0.00
Truckee 15	\$ 1.16	9.16	0.66	2.69	12.79	3.15	5.41	5.58	8.61	5.25	3.95	2.44	\$ 57.32
Needles 19	\$ 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ 0.00
All Districts	\$ 0.11	0.20	0.20	0.19	0.20	0.14	0.14	0.24	0.29	0.23	0.29	1.95	\$ 4.47

Table III.D.2 – Program Administrative Cost Breakdown

Description	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	YTD	Annual Budget	% of Budget
Outreach							
Capitation Fees	\$ 300		\$ 1,356	\$ 1,080	\$ 2,736		
Applications/Inserts	2,000				2,000		
Media					0		
Other Outreach [1]	723		2,050	55,654	58,427		
Other Outreach subsumed in GRC [3]					0		
Subtotal Outreach	\$ 3,023	\$ -	\$ 3,406	\$ 56,734	\$ 63,163	\$ 77,600	81.4%
Processing/Certification/Verification							
Internal	\$ 8,676	\$ 12,387	\$ 12,446	\$ 15,236	\$ 48,744		
Outside Services					\$ -		
Subtotal Processing/Certification/Verification	\$ 8,676	\$ 12,387	\$ 12,446	\$ 15,236	\$ 48,744	\$ 29,600	164.7%
General							
Billing System/ Programming				\$ 250	\$ 250		
Consulting Services [2]					0		
Regulatory Compliance					0		
Travel			168	901	1,069		
Filings		41	39	56	136		
Labor Costs (including overhead)					0		
Incremental	1,146	1,047	1,870	1,076	5,139		
Other general (please specify) [1]	60		27	5	92		
General costs subsumed in GRC [3]					0		
Subtotal General	\$ 1,206	\$ 1,088	\$ 2,104	\$ 2,287	\$ 6,685	\$ 5,100	
TOTAL PROGRAM COSTS (including costs subsumed in GRC)	\$ 12,905	\$ 13,475	\$ 17,956	\$ 74,257	\$ 118,593	\$ 124,800	
TOTAL PROGRAM COSTS (excluding costs subsumed in GRC)	\$ 12,905	\$ 13,475	\$ 17,956	\$ 74,257	\$ 118,593	\$ 124,800	95.0%
CARE Program Discount	\$ 1,414,102	\$ 737,025	\$ 476,258	\$ 1,047,767	\$ 3,675,152	\$ 3,756,690	97.8%
GRAND TOTAL PROGRAM COSTS (including costs subsumed in GRC) & CUSTOMER DISCOUNTS	\$ 1,427,007	\$ 750,500	\$ 494,214	\$ 1,122,024	\$ 3,793,745	\$ 3,881,490	
GRAND TOTAL PROGRAM COSTS (excluding costs subsumed in GRC) & CUSTOMER DISCOUNTS	\$ 1,427,007	\$ 750,500	\$ 494,214	\$ 1,122,024	\$ 3,793,745	\$ 3,881,490	97.7%

[1] Other Outreach/General costs are defined as any direct costs that do not fall into the listed subcategories.

[2] Ongoing costs of software consultant hired to set up and maintain database of CARE and LIEE projects.

[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.

Table IV.A – CARE Program 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 2005 - December 2005	Ongoing	\$ 2,340
CARE Application	Redesigned CARE application and updated income guidelines.	May 2005	Completed	
CARE Application	Revised CARE application to reflect income guidelines at 200%.	November 2005	Completed	
CARE Customer Data Share	Exchanged CARE customer data electronically with Southern California Edison for fourth quarter of 2004. Southwest identified 1,464 possible new CARE customers.	January 2005	Completed	
CARE Customer Data Share	Exchanged first quarter CARE customer data electronically with Southern California Edison. Southwest identified 1,217 possible new CARE customers.	April 2005	Completed	
CARE Customer Data Share	Exchanged second quarter CARE customer data electronically with Southern California Edison. Southwest identified 1,667 possible new CARE customers.	July 2005	Completed	
CARE Customer Data Share	Exchanged third quarter CARE customer data electronically with Southern California Edison. Southwest identified 1,269 possible new CARE customers.	October 2005	Completed	
CARE Customer Data Share	Exchanged fourth quarter CARE customer data electronically with Southern California Edison. Southwest identified 796 possible new CARE customers.	December 2005	Completed	
CARE Customer Data Share	Exchanged CARE customer data electronically with Sierra Pacific Power Company. Southwest identified 181 possible new CARE customers.	December 2005	Completed	
CARE Customer Data Share	Exchanged CARE customer data electronically with Bear Valley Electric Services. Southwest identified 155 possible new CARE customers.	December 2005	Completed	

Table IV.A – CARE Program Outreach Activities

Activity	Summary	Timeline	Status	Cost [1]
Targeted Mailing	CARE applications sent to Southern California Edison's customers identified on CARE.	January 2005 - December 2005	Completed	
Targeted Mailing	CARE applications sent to Sierra Pacific Power Company's customers identified on CARE.	December 2005	Completed	
Targeted Mailing	CARE applications sent to Sierra Pacific Power Company's customers identified on CARE.	January 2005	Completed	
Targeted Mailing	CARE applications sent to Bear Valley Electric Services customers identified on CARE.	December 2005	Completed	
Design	Postage-Paid envelopes designed and printed for CARE income verification.	December 2005	Completed	
Design	In-house graphic artist updated Southwest's Energy Assistance Programs brochure. CARE, LIEE and Medical Baseline are highlighted. Brochure is available in English and Spanish.	October 2005 - December 2005	Completed	
Design	Southwest's Corporate Communications department designed Southwest's, "We CARE About You" campaign for the Winter Initiative. CARE, LIEE and Medical Baseline are highlighted.	September 2005 - December 2005	Completed	
Posters	Posters printed for Southwest's "We CARE About You" campaign to promote CARE, LIEE, and Medical Baseline.	September 2005 - December 2005	Completed	\$ 864
Posters	"We CARE About You" posters displayed in local Southwest offices and assistance agencies to promote CARE, LIEE and Medical Baseline.	September 2005 - December 2005	Completed	
Post Card	Post card printed for Southwest's "We CARE About You" campaign to promote CARE, LIEE, and Medical Baseline.	September 2005 - December 2005	Completed	\$ 6,144
Post Card	"We CARE About You" post card was sent to all of Southwest's residential customers in California.	December 2005	Completed	\$ 43,100
Newspaper Ad	"We CARE About You" ad written in Spanish ran consecutively for 3 weeks in <i>Periodico El Sol</i> (Big Bear) and <i>Rumores</i> (Victorville/Barstow).	December 2005	Completed	\$ 7,917

Table IV.A – CARE Program Outreach Activities

Activity	Summary	Timeline	Status	Cost [1]
Flex Your Power	Submitted Southwest's CARE and LIEE program information for the State's "Flex Your Power" campaign.	November 2005	Completed	
Website	CARE and LIEE promoted on Southwest's website for customers to obtain program information.	January 2005 - December 2005	Ongoing	
Website	CARE information made available in Spanish and large print (English and Spanish). TDD information was also added.	July 2005 - December 2005	Completed	
Website	CARE applications available on Southwest's website in English and Spanish. Large print applications also available in English and Spanish.	January 2005 - December 2005	Completed	
On-hold Messages	CARE and LIEE promoted while Southwest customers wait for the next available Call Center representative.	January 2005 - December 2005	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.

F. Provide balancing account balance (for which balancing account CARE – LIEE or both 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, 2005:

Beginning Balance @ 01/01/05:	\$ 1,537,334
Program benefits:	\$ 3,675,152
Interest accrual:	\$ 26,141
Recoveries through surcharges:	\$ (4,608,359)
Administration costs:	\$ 118,817
Net balance @ 12/31/05:	\$ 749,085⁽¹⁾

Southwest's LIEE account balance for the twelve months ending December 31, 2005:

Beginning Balance @ 01/01/05:	\$ 422,414
Program/Administrative Costs:	\$ 836,076
Interest accrual:	\$ 15,201
Recoveries through surcharges:	\$ (925,813)
Net balance @ 12/31/05:	\$ 275,654⁽¹⁾

(1) The ending balances above cannot be compared to the general ledger account balance for the CARE and LIEE Programs, as neither remittances to the Board of Equalization (BOE) nor refunds from BOE are included.

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	Surcharge Collected	Surcharge \$/Therm*	% of Avg.	% of Total Surcharge
No. California:				
Residential	\$ 143,710	0.00926	0.50%	78.79%
Commercial	\$ <u>38,685</u>	0.00922	0.64%	<u>21.21%</u>
<i>Total Northern</i>	\$ 182,395			100.00%
So. California:				
Residential	\$3,211,106	0.06862	4.61%	72.55%
Commercial	\$1,011,733	0.06650	5.14%	22.86%
Industrial	\$ 114,701	0.06863	6.68%	2.59%
Transportation	\$ <u>88,424</u>	0.03453	11.90%	<u>2.00%</u>
<i>Total Southern</i>	\$4,425,964			100.00%
Total	<u>\$4,608,359</u>			

*Surcharge rates are representative of rates billed and differ slightly from the 2005 approved rates, primarily due to cycle billing effects and the related volumes before and after the rate change on January 1, 2005. In addition, in compliance with D.04-08-010 issued in Rulemaking 02-10-001, Southwest refunded CARE surcharges collected from all identified exempt customers since January 1, 2001. This primarily impacted the commercial class via direct bill credits.

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

Total annual CARE Program benefits provided as of December 31, 2005, were \$3,675,152.

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 in Appendix I summarizes the outreach activities undertaken in program year 2005.

B. Provide a narrative discussion of the following:

1. Sharing information in overlapping service territories.

Southwest began electronically sharing a list of each utility's CARE customers with Southern California Edison and Bear Valley Electric for its residential customers in 2004, and identified over 10,000 customers that may qualify for the program. During 2005, in addition to exchanging data with those utilities, Southwest also began exchanging data with Sierra Pacific Power Company. An additional 6,700 possible CARE customers were identified throughout the year utilizing this process.

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 project 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 market 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 and data sharing projects 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.

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	1441	1295	13	20	109
FEBRUARY	1568	1416	10	18	124
MARCH	1357	1237	11	29	80
APRIL	992	905	8	31	47
MAY	697	630	9	31	27
JUNE	871	757	14	65	34
JULY	881	828	4	15	33
AUGUST	2419	2281	21	42	74
SEPTEMBER	3442	3165	78	78	118
OCTOBER	1309	1215	18	17	59
NOVEMBER	3649	3516	6	7	121
DECEMBER	2932	2884	6	1	41
TOTALS	21558	20129	198	354	867

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

No problems were encountered during the reporting period with program management.

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.

The following table provides the number of participants sent a request letter to recertify and the number of participants removed based on their qualification expiration date in Southwest's Customer Service System by month. The remaining information was unavailable during the reporting period. Southwest is currently implementing programming changes to track and report this additional information in 2006.

Table VI.A – CARE Recertification

MONTH	Applications Requested	Applications Received	Recertified	Denied As Ineligible	Incomplete	Removed
JANUARY	372		0			0
FEBRUARY	274		0			0
MARCH	243		0			0
APRIL	243		0			0
MAY	366		0			0
JUNE	336		0			0
JULY	426		0			0
AUGUST	1801		638			0
SEPTEMBER	296		459			0
OCTOBER	367		317			0
NOVEMBER	40		158			0
DECEMBER	0		63			0
TOTALS	4764		1635			0

- 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.**

Southwest implemented self-certification during 2005, and does not request income verification when customers apply for CARE. An automated audit process was developed in 2005, and was planned for implementation in the fourth quarter. The audit process randomly selects ten percent of the customers participating in the program for income verification. The new process was halted due to the Winter Initiative. The number of income verifications requested is unknown for the reporting period. There were 1,630 income verifications received as many participants voluntarily include this information with their initial application.

- 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 before September 30. A supply of CARE applications is enclosed with each letter. The sub-metered tenants return their applications directly to Southwest and are processed in the same manner as the primary CARE customers. No problems were encountered between master-metered customers and sub-metered 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?**

The implementation of the Winter Initiative, as discussed in the Introduction of this report, was the most significant change to the program during 2005. Many additional customers qualified for CARE at the 200 percent guidelines, compared to the 175 percent guidelines. Phone enrollments were also implemented, which also contributed to the high increase in the number of CARE participants.

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

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

Section II

Low-Income Assistance Programs 2005 Annual Report

**– CARE Expanded Program –
(Excluding South Lake Tahoe District)**

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 farmworker 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:

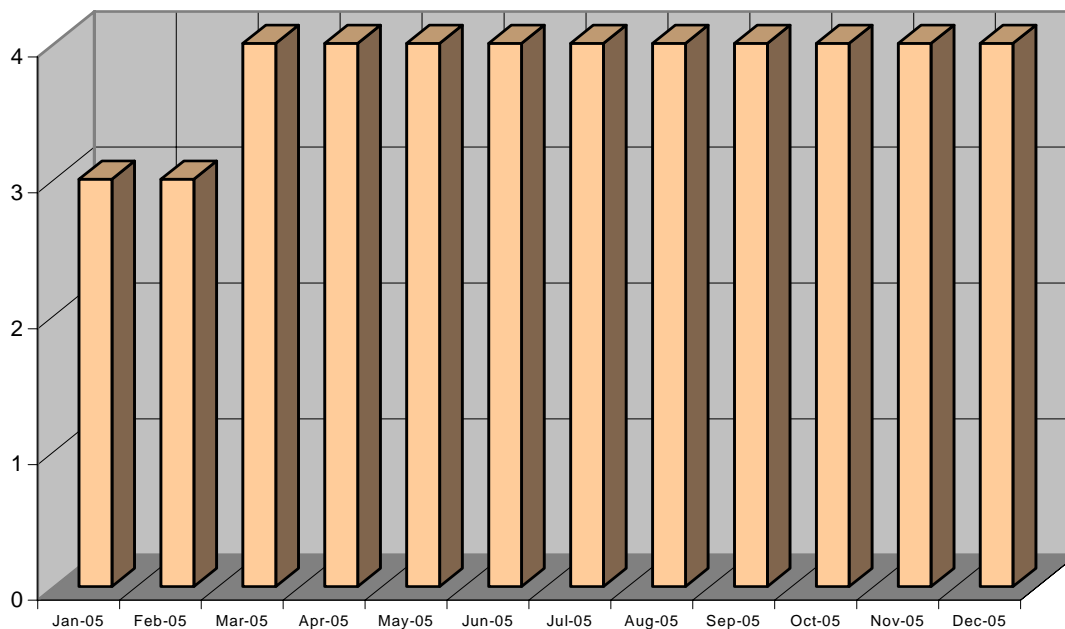
1. Give the total number of residential facilities and the total number of commercial facilities receiving the Expanded CARE discount.

Southwest currently has four (4) group living facilities on the Expanded CARE Program discount. This information is provided in the following table and graph.

CARE Expansion Program – Group Living Facilities			
January 2005	3	July 2005	4
February 2005	3	August 2005	4
March 2005	4	September 2005	4
April 2005	4	October 2005	4
May 2005	4	November 2005	4
June 2005	4	December 2005	4

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

CARE Expansion Participants By Month



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

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 54. The following table demonstrates the breakdown per facility.

Facility #1	25
Facility #2	17
Facility #3	6
Facility #4	6
Total Residents	54

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, 2005, is \$2,157. The average annualized discount per commercial facility is \$539.

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 September and November 2005. Southwest did not receive any completed

applications because of this outreach. The following table demonstrates this activity.

Applications:	
Mailed	58
Returned	0
Approved	0
Denied	0
Return Incomplete	0

B. Provide a narrative discussion of the following:

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

Southwest has determined that direct mailings to the group living and residential care facilities continue to be the most cost-effective 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;

Please see response to I.A.2 above.

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

Southwest did not utilize public agencies to solicit potential Expanded CARE facilities during the 2005 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 four (4) applications.

Applications:	
Received	4
Approved	4
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 2005 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 2005 Annual Report

– LIEE Program – (Excluding South Lake Tahoe District)

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

SOUTHWEST GAS CORPORATION
2005 LIEE PROGRAM EXPENSES
TABLE VIII.A

Description	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	YTD	Budget [1]	Percentage of Budget
Program Costs							
Weatherization	\$ 104,566	\$ 164,095	\$ 71,981	\$ 189,819	\$ 530,461	\$ 578,539	91.7%
Appliance Replacement	6,119	31,777	10,374	19,128	67,397	160,608	42.0%
Education	9,428	14,129	2,190	7,595	33,342	36,637	91.0%
Total Program Costs	\$ 120,113	\$ 210,001	\$ 84,545	\$ 216,542	\$ 631,201	\$ 775,784	81.4%
Administrative Costs							
Outreach				\$ 600	\$ 600	\$ 35,736	1.7%
Inspections	12,872	12,187	18,873	6,520	50,452	27,714	182.0%
General	15,932	11,988	17,241	27,523	72,685	224,867	32.3%
Total Administrative Costs	\$ 28,804	\$ 24,175	\$ 36,114	\$ 34,643	\$ 123,736	\$ 288,317	42.9%
Grand Total	\$ 148,917	\$ 234,176	\$ 120,659	\$ 251,185	\$ 754,937	\$ 1,064,101	70.9%

[1] Under-expenditures totaling \$204,101 (\$113,539 weatherization, \$15,608 appliance replacement, \$ 4,637 education, \$15,736 outreach, \$2,286 inspections, and \$56,867 general) were carried over from 2004 as directed in D.03-03-007. The amount overspent in inspections was deducted from outreach.

SOUTHWEST GAS CORPORATION
2005 LIEE ADMINISTRATIVE EXPENSES
TABLE VIII.B

Description	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	YTD	Budget	Percentage of Budget
Outreach							
Applications/Inserts					\$ -		
Media					0		
Other Outreach [1]				600	600		
Other outreach subsumed in GRC					0		
Subtotal Outreach	\$ -	\$ -	\$ -	\$ 600	\$ 600	\$ 35,736	1.7%
Inspections							
Internal					\$ -		
Outside Services	12,872	12,187	18,873	9,700	53,632		
Subtotal Inspections	\$ 12,872	\$ 12,187	\$ 18,873	\$ 9,700	\$ 53,632	\$ 27,714	193.5%
General							
Billing System/ Programming	\$ 7,500	\$ 1,250		\$ 2,250	\$ 11,000		
Consulting Services [2]		735		12,862	13,597		
Regulatory Compliance					0		
Travel		761	861	87	1,709		
Filings				316	316		
Labor Costs (including overhead)					0		
Incremental	8,305	8,640	14,441	11,530	42,916		
Subsumed in General Rates					0		
Other Outside Services		576	105	223	904		
Other General [1]	127	25	1,834	256	2,242		
General costs subsumed in GRC					0		
Subtotal General	\$ 15,932	\$ 11,987	\$ 17,241	\$ 27,523	\$ 72,684	\$ 224,867	32.3%
TOTAL LIEE ADMINISTRATION COSTS (including costs subsumed in GRC)	\$ 28,804	\$ 24,174	\$ 36,114	\$ 37,823	\$ 126,915	\$ 288,317	
TOTAL LIEE ADMINISTRATION COSTS (excluding costs subsumed in GRC)	\$ 28,804	\$ 24,174	\$ 36,114	\$ 37,823	\$ 126,915	\$ 288,317	44.0%

[1] Other Outreach/General costs are defined as any direct costs that do not fall into the listed subcategories.

[2] Ongoing costs of software consultant hired to set up and maintain database of CARE and LIEE projects.

SOUTHWEST GAS CORPORATION
2005 LIEE OUTREACH ACTIVITIES
TABLE VIII.C

TABLE VIII.C - 2005 LIEE OUTREACH ACTIVITIES

Activity	Summary	Timeline	Status	Costs [1]
Targeted Mailing	SPPC/SWG joint mailing to promote LIEE programs in North Lake Tahoe and Truckee. SPPC coordinated printing and mailing.	May 2005	Completed	
Design	In-house graphic artist updated Southwest's "How to Read Your Bill" flyer for use in LIEE education folders.	June 2005 - October 2005	Completed	
Design	In-house graphic artist updated Southwest's Energy Assistance Programs brochure. CARE, LIEE and Medical Baseline are highlighted. Brochure is available in English and Spanish.	October 2005 - December 2005	Completed	
Design	Development of LIEE Weatherization Guide for customer distribution.	July 2005 - December 2005	Ongoing	\$ 3,000
Flyer	SWG & SPPC partnered to create LIEE flyer for program promotion.	February 2005 - March 2005	Completed	
Design	Southwest's Corporate Communications department designed Southwest's, "We CARE About You" campaign for the Winter Initiative. CARE, LIEE and Medical Baseline are highlighted.	September 2005 - December 2005	Completed	
Posters	Posters printed for Southwest's "We CARE About You" campaign to promote CARE, LIEE, and Medical Baseline.	September 2005 - December 2005	Completed	\$ 864
Posters	"We CARE About You" posters displayed in local Southwest offices and assistance agencies to promote CARE, LIEE and Medical Baseline.	September 2005 - December 2005	Completed	
Post Card	Post card printed for Southwest's "We CARE About You" campaign to promote CARE, LIEE, and Medical Baseline.	September 2005 - December 2005	Completed	\$ 6,144

SOUTHWEST GAS CORPORATION
2005 LIEE OUTREACH ACTIVITIES
TABLE VIII.C

TABLE VIII.C - 2005 LIEE OUTREACH ACTIVITIES

Activity	Summary	Timeline	Status	Costs [1]
Post Card	"We CARE About You" post card was sent to all of Southwest's residential customers in California.	December 2005	Completed	\$ 43,100
Newspaper Ad	"We CARE About You" ad written in Spanish ran consecutively for 3 weeks in <i>Periodico El Sol</i> (Big Bear) and <i>Rumores</i> (Victorville/Barstow).	December 2005	Completed	\$ 7,917
Flex Your Power	Submitted Southwest's CARE and LIEE program information for the State's " <i>Flex Your Power</i> " campaign.	November 2005	Completed	
Website	CARE information made available in Spanish and large print (English and Spanish). TDD information was also added.	July 2005 - December 2005	Completed	
Website	CARE and LIEE promoted on Southwest's website for customers to obtain program information.	January 2005 - December 2005	Ongoing	
On-hold Messages	CARE and LIEE promoted while Southwest customers wait for the next available call center representative.	January 2005 - December 2005	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
2005 LIEE INSTALLATIONS AND COSTS
TABLE VIII.D

Measures	First Quarter (January - March)						
	Units	Completed			Costs		
		Northern	Southern	Total	Northern	Southern	Total
Infiltration & Space Conditioning							
Cooler Cover	Home	0	27	27	\$ -	\$ 2,070	\$ 2,070
Outlet Switch Gaskets	Home	0	0	0	0	0	0
Shell Infiltration	Home	0	0	0	0	0	0
Threshold	Home	0	0	0	0	0	0
Weatherization							
Attic Insulation	Sqft	0	23,525	23,525	\$ -	\$ 12,092	\$ 12,092
Attic Venting	Home	0	15	15	0	921	921
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	130	130	0	8,910	8,910
Caulking	Home	0	45	45	0	102	102
Home Repairs	Home	0	0	0	0	0	0
Low Flow Shower Device	Home	0	127	127	0	4,136	4,136
Minor Envelope Repair	Home	0	131	131	0	3,097	3,097
Water Heater Pipe Wrap	Home	0	0	0	0	0	0
Sink Faucet Aerator	Home	0	117	117	0	1,086	1,086
Water Heater Blanket	Home	0	49	49	0	1,372	1,372
Weatherization Mileage	Home	0	46	46	0	5,042	5,042
Furnaces							
Repair - Gas	Each	0	0	0	\$ -	\$ -	\$ -
Replacement - Gas	Each	0	4	4	0	7,600	7,600
Repair - Electric	Each	0	0	0	0	0	0
Replacement - Electric	Each	0	0	0	0	0	0
Other Incidentals		0	4	4	0	1,328	1,328
Miscellaneous Measures							
Door Replacement	Each	0	0	0	\$ -	\$ -	\$ -
Glass Replacement	Each	0	81	81	0	3,696	3,696
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	4	4	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
Compact Fluorescent Bulbs	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
CF Fixtures Interior	Each	0	0	0	0	0	0
CF Fixtures Exterior	Each	0	0	0	0	0	0
NGAT	Each	0	138	138	0	6,342	6,342
Administration	Home	0	136	136	0	11,968	11,968
Outreach/Assessment	Home	0	136	136	0	7,072	7,072
Other (labor, materials, supplies)	Home	0	135	135	0	40,353	40,353
Education							
In-home Education	Home	0	136	136	\$ -	\$ 2,040	\$ 2,040
Education Workshops	Home	0	0	0	0	0	0
Other (please specify)		0	0	0	1,108	6,279	7,388
TOTAL COSTS					\$ 1,108	\$ 125,506	\$ 126,615
TOTAL HOMES							
Total Number of Homes Treated		0	140	140			
Total Number of Homes Weatherized		0	137	137			

SOUTHWEST GAS CORPORATION
2005 LEE INSTALLATIONS AND COSTS
TABLE VIII.D

Measures	Second Quarter (April - June)						
	Units	Completed			Costs		
		Northern	Southern	Total	Northern	Southern	Total
Infiltration & Space Conditioning							
Cooler Cover	Home	0	61	61	\$ -	\$ 4,002	\$ 4,002
Outlet Switch Gaskets	Home	0	3	3	0	1	1
Shell Infiltration	Home	0	0	0	0	0	0
Threshold	Home	0	0	0	0	0	0
Weatherization							
Attic Insulation	Sqft	0	19,613	19,613	\$ -	\$ 11,809	\$ 11,809
Attic Venting	Home	0	12	12	0	691	691
Ceiling Insulation	Sqft	0	0	0	0	0	0
Floor Insulation	Sqft	0	0	0	0	0	0
Kneewall Insulation	Sqft	0	1,450	1,450	0	870	870
Weatherstripping	Home	0	195	195	0	14,652	14,652
Caulking	Home	0	80	80	0	199	199
Home Repairs	Home	0	0	0	0	0	0
Low Flow Shower Device	Home	0	183	183	0	5,588	5,588
Minor Envelope Repair	Home	0	195	195	0	6,276	6,276
Water Heater Pipe Wrap	Home	0	2	2	0	5	5
Sink Faucet Aerator	Home	0	161	161	0	1,545	1,545
Water Heater Blanket	Home	0	114	114	0	3,192	3,192
Weatherization Mileage	Home	0	78	78	0	8,219	8,219
Furnaces							
Repair - Gas	Each	0	4	4	\$ -	\$ 706	\$ 706
Replacement - Gas	Each	0	9	9	0	18,875	18,875
Repair - Electric	Each	0	0	0	0	0	0
Replacement - Electric	Each	0	0	0	0	0	0
Other Incidentals		0	13	13	0	2,776	2,776
Miscellaneous Measures							
Door Replacement	Each	0	0	0	\$ -	\$ -	\$ -
Glass Replacement	Each	0	117	117	0	5,067	5,067
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	6	6	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
Compact Fluorescent Bulbs	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
CF Fixtures Interior	Each	0	0	0	0	0	0
CF Fixtures Exterior	Each	0	0	0	0	0	0
NGAT	Each	0	204	204	0	12,870	12,870
Administration	Home	0	202	202	0	17,776	17,776
Outreach/Assessment	Home	0	202	202	0	10,504	10,504
Other (labor, materials, supplies)	Home	0	196	196	0	64,322	64,322
Education							
In-home Education	Home	0	202	202	\$ -	\$ 3,030	\$ 3,030
Education Workshops	Home	0	0	0	0	0	0
Other (please specify)		0	0	0	1,686	10,134	11,820
TOTAL COSTS					\$ 1,686	\$ 203,109	\$ 204,795
TOTAL HOMES							
Total Number of Homes Treated		0	208	208			
Total Number of Homes Weatherized		0	202	202			

SOUTHWEST GAS CORPORATION
2005 LEE INSTALLATIONS AND COSTS
TABLE VIII.D

Measures	Third Quarter (July - September)						
	Units	Completed			Costs		
		Northern	Southern	Total	Northern	Southern	Total
Infiltration & Space Conditioning							
Cooler Cover	Home	4	20	24	\$ 8	\$ 1,426	\$ 1,434
Outlet Switch Gaskets	Home	22	0	22	330	0	330
Shell Infiltration	Home	0	0	0	0	0	0
Threshold	Home	10	0	10	328	0	328
Weatherization							
Attic Insulation	Sqft	0	7,495	7,495	\$ -	\$ 4,328	\$ 4,328
Attic Venting	Home	0	4	4	0	281	281
Ceiling Insulation	Sqft	1,390	0	1,390	884	0	884
Floor Insulation	Sqft	0	0	0	0	0	0
Kneewall Insulation	Sqft	0	0	0	0	0	0
Weatherstripping	Home	20	65	85	2,063	5,841	7,904
Caulking	Home	18	31	49	1,386	54	1,440
Home Repairs	Home	18	0	18	1,953	0	1,953
Low Flow Shower Device	Home	7	68	75	288	2,156	2,444
Minor Envelope Repair	Home	0	64	64	0	2,422	2,422
Water Heater Pipe Wrap	Home	3	7	10	56	12	68
Sink Faucet Aerator	Home	15	64	79	224	693	917
Water Heater Blanket	Home	7	34	41	287	952	1,239
Weatherization Mileage	Home	3	27	30	1,185	3,309	4,493
Furnaces							
Repair - Gas	Each	2	0	2	\$ 4,496	\$ -	\$ 4,496
Replacement - Gas	Each	0	4	4	0	5,500	5,500
Repair - Electric	Each	0	0	0	0	0	0
Replacement - Electric	Each	0	0	0	0	0	0
Other Incidentals		0	4	4	0	681	681
Miscellaneous Measures							
Door Replacement	Each	0	0	0	\$ -	\$ -	\$ -
Glass Replacement	Each	0	66	66	0	3,530	3,530
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	4	4	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
Compact Fluorescent Bulbs	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
CF Fixtures Interior	Each	0	0	0	0	0	0
CF Fixtures Exterior	Each	0	0	0	0	0	0
NGAT	Each	31	80	111	1,860	6,284	8,144
Administration	Home	3	71	74	2,865	6,248	9,113
Outreach/Assessment	Home	23	71	94	1,692	3,692	5,384
Other (labor, materials, supplies)	Home	4	67	71	5,100	24,957	30,057
Education							
In-home Education	Home	23	71	94	\$ 1,643	\$ 1,065	\$ 2,708
Education Workshops	Home	0	0	0	0	0	0
Other (please specify)		0	0	0	0	0	0
TOTAL COSTS					\$ 26,648	\$ 73,431	\$ 100,078
TOTAL HOMES							
Total Number of Homes Treated		25	71	96			
Total Number of Homes Weatherized		25	71	96			

SOUTHWEST GAS CORPORATION
2005 LEE INSTALLATIONS AND COSTS
TABLE VIII.D

Measures	Fourth Quarter (October - December)						
	Units	Completed			Costs		
		Northern	Southern	Total	Northern	Southern	Total
Infiltration & Space Conditioning							
Cooler Cover	Home	0	88	88	\$ -	\$ 4,646	\$ 4,646
Outlet Switch Gaskets	Home	0	58	58	0	35	35
Shell Infiltration	Home	0	0	0	0	0	0
Threshold	Home	0	0	0	0	0	0
Weatherization							
Attic Insulation	Sqft	0	6,011	6,011	\$ -	\$ 3,427	\$ 3,427
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	273	273	0	22,506	22,506
Caulking	Home	0	167	167	0	328	328
Home Repairs	Home	0	0	0	0	0	0
Low Flow Shower Device	Home	0	272	272	0	8,338	8,338
Minor Envelope Repair	Home	0	263	263	0	6,236	6,236
Water Heater Pipe Wrap	Home	0	60	60	0	101	101
Sink Faucet Aerator	Home	0	241	241	0	2,484	2,484
Water Heater Blanket	Home	0	180	180	0	5,068	5,068
Weatherization Mileage	Home	0	115	115	0	2,891	2,891
Furnaces							
Repair - Gas	Each	0	0	0	\$ -	\$ -	\$ -
Replacement - Gas	Each	0	3	3	0	6,375	6,375
Repair - Electric	Each	0	0	0	0	0	0
Replacement - Electric	Each	0	0	0	0	0	0
Other Incidentals		0	5	5	0	999	999
Miscellaneous Measures							
Door Replacement	Each	0	0	0	\$ -	\$ -	\$ -
Glass Replacement	Each	0	113	113	0	7,289	7,289
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	2	2	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
Compact Fluorescent Bulbs	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
CF Fixtures Interior	Each	0	0	0	0	0	0
CF Fixtures Exterior	Each	0	0	0	0	0	0
NGAT	Each	0	292	292	0	12,102	12,102
Administration	Home	2	292	294	996	25,696	26,692
Outreach/Assessment	Home	0	292	292	0	15,184	15,184
Other (labor, materials, supplies)	Home	0	275	275	0	76,943	76,943
Education							
In-home Education	Home	0	291	291	\$ -	\$ 4,365	\$ 4,365
Education Workshops	Home	0	0	0	0	0	0
Other (please specify)		0	0	0	2,643	9,183	11,826
TOTAL COSTS					\$ 3,639	\$ 216,281	\$ 219,920
TOTAL HOMES							
Total Number of Homes Treated		0	294	294	\$ -		
Total Number of Homes Weatherized		0	292	292	\$ -		

SOUTHWEST GAS CORPORATION
2005 LEE INSTALLATIONS AND COSTS
TABLE VIII.D

Measures	Year to Date Totals						
	Units	Completed			Costs		
		Northern	Southern	Total	Northern	Southern	Total
Infiltration & Space Conditioning							
Cooler Cover	Home	4	196	200	\$ 8	\$ 12,144	\$ 12,152
Outlet Switch Gaskets	Home	22	61	83	330	36	366
Shell Infiltration	Home	0	0	0	0	0	0
Threshold	Home	10	0	10	328	0	328
Weatherization							
Attic Insulation	Sqft	0	56,644	56,644	\$ -	\$ 31,656	\$ 31,656
Attic Venting	Home	0	31	31	0	1,893	1,893
Ceiling Insulation	Sqft	1,390	0	1,390	884	0	884
Floor Insulation	Sqft	0	0	0	0	0	0
Kneewall Insulation	Sqft	0	1,450	1,450	0	870	870
Weatherstripping	Home	20	663	683	2,063	51,909	53,972
Caulking	Home	18	323	341	1,386	683	2,069
Home Repairs	Home	18	0	18	1,953	0	1,953
Low Flow Shower Device	Home	7	650	657	288	20,218	20,506
Minor Envelope Repair	Home	0	653	653	0	18,031	18,031
Water Heater Pipe Wrap	Home	3	69	72	56	118	174
Sink Faucet Aerator	Home	15	583	598	224	5,808	6,032
Water Heater Blanket	Home	7	377	384	287	10,584	10,871
Weatherization Mileage	Home	3	266	269	1,185	19,461	20,646
Furnaces							
Repair - Gas	Each	2	4	6	\$ 4,496	\$ 706	\$ 5,202
Replacement - Gas	Each	0	20	20	0	38,350	38,350
Repair - Electric	Each	0	0	0	0	0	0
Replacement - Electric	Each	0	0	0	0	0	0
Other Incidentals		0	26	26	0	5,784	5,784
Miscellaneous Measures							
Door Replacement	Each	0	0	0	\$ -	\$ -	\$ -
Glass Replacement	Each	0	377	377	0	19,582	19,582
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	16	16	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
Compact Fluorescent Bulbs	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
CF Fixtures Interior	Each	0	0	0	0	0	0
CF Fixtures Exterior	Each	0	0	0	0	0	0
NGAT	Each	31	714	745	1,860	37,598	39,458
Administration	Home	5	701	706	3,861	61,688	65,549
Outreach/Assessment	Home	23	701	724	1,692	36,452	38,144
Other (labor, materials, supplies)	Home	4	673	677	5,100	206,575	211,675
Education							
In-home Education	Home	23	700	723	\$ 1,643	\$ 10,500	\$ 12,143
Education Workshops	Home	0	0	0	0	0	0
Other (please specify)		0	0	0	5,437	25,597	31,034
TOTAL COSTS					\$ 33,081	\$ 618,328	\$ 651,409
TOTAL HOMES							
Total Number of Homes Treated		25	713	738			
Total Number of Homes Weatherized		25	702	727			

SOUTHWEST GAS CORPORATION
2004 LIEE ENERGY SAVINGS
TABLE VIII.E

Measures		First Quarter (January - March)											
		Annual Energy Savings [1]						Lifetime Energy Savings					
		Northern		Southern		Total		Northern		Southern		Total	
Units	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	
Infiltration & Space Conditioning													
Cooler Cover	Home	0	0	0	39	0	39	0	0	0	390	0	390
Outlet Switch Gaskets	Home	0	0	0	0	0	0	0	0	0	0	0	0
Shell Infiltration	Home	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
Weatherization													
Attic Insulation	Sqft	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
Ceiling Insulation	Sqft	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
Kneewall Insulation	Sqft	0	0	0	0	0	0	0	0	0	0	0	0
Weatherstripping	Home	0	0	0	80	0	80	0	0	0	800	0	800
Caulking	Home	0	0	0	20	0	20	0	0	0	200	0	200
Home Repairs	Home	0	0	0	0	0	0	0	0	0	0	0	0
Low Flow Shower Device	Home	0	0	0	530	0	530	0	0	0	5,300	0	5,300
Minor Envelope Repair	Home	0	0	0	185	0	185	0	0	0	3,690	0	3,690
Water Heater Pipe Wrap	Home	0	0	0	0	0	0	0	0	0	0	0	0
Sink Faucet Aerator	Home	0	0	0	164	0	164	0	0	0	1,640	0	1,640
Water Heater Blanket	Home	0	0	0	154	0	154	0	0	0	1,540	0	1,540
Weatherization Mileage	Home	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
Replacement - Gas	Each	0	0	0	0	0	0	0	0	0	0	0	0
Repair - Electric	Each	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
Other Incidentals		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
Glass Replacement	Each	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
Duct Register	Home	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
Storm Windows - Glass Operable	Each	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
Set Back Thermometer	Each	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
Foam Tape	Home	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
Ele Water Heater Repair/Replace	Each	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
Solar Screens	Each	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
Refrigerators	Each	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
CF Fixtures Interior	Each	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
NGAT	Each	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
Outreach/Assessment	Home	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
Education													
In-home Education	Home	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
Other (please specify)		0	0	0	0	0	0	0	0	0	0	0	0
TOTAL		0	0	0	1,172	0	1,172	0	0	0	13,560	0	13,560

[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
2004 LIEE ENERGY SAVINGS
TABLE VIII.E

Measures		Second Quarter (April - June)											
		Annual Energy Savings [1]						Lifetime Energy Savings					
		Northern		Southern		Total		Northern		Southern		Total	
Units	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	
Infiltration & Space Conditioning													
Cooler Cover	Home	0	0	0	158.6	0	159	0	0	0	1,586	0	1,586.0
Outlet Switch Gaskets	Home	0	0	0	1.1	0	1.1	0	0	0	21.6	0	21.6
Shell Infiltration	Home	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
Weatherization													
Attic Insulation	Sqft	0	0	0	2,549.7	0	2,549.7	0	0	0	50,993.8	0	50,993.8
Attic Venting	Home	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
Floor Insulation	Sqft	0	0	0	0	0	0.0	0	0	0	0	0	0.0
Kneewall Insulation	Sqft	0	0	0	116	0	116.0	0	0	0	2,320	0	2,320.0
Weatherstripping	Home	0	0	0	390	0	390.0	0	0	0	3,900	0	3,900.0
Caulking	Home	0	0	0	80	0	80.0	0	0	0	800	0	800.0
Home Repairs	Home	0	0	0	0	0	0.0	0	0	0	0	0	0.0
Low Flow Shower Device	Home	0	0	0	2,540	0	2,540.0	0	0	0	25,400	0	25,400.0
Minor Envelope Repair	Home	0	0	0	877.5	0	877.5	0	0	0	17,550	0	17,550.0
Water Heater Pipe Wrap	Home	0	0	0	10	0	10.0	0	0	0	100	0	100.0
Sink Faucet Aerator	Home	0	0	0	928	0	928.0	0	0	0	9,280	0	9,280.0
Water Heater Blanket	Home	0	0	0	1,596	0	1,596.0	0	0	0	15,960	0	15,960.0
Weatherization Mileage	Home	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
Replacement - Gas	Each	0	0	0	234	0	234.0	0	0	0	4,680	0	4,680.0
Repair - Electric	Each	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
Other Incidentals		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
Glass Replacement	Each	0	0	0	526.5	0	526.5	0	0	0	10,530	0	10,530.0
Duct Wrap	Home	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
Storm Windows - Glass Fixed	Each	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
Vinyl Retro Window	Each	0	0	0	0	0	0.0	0	0	0	0	0	0.0
Set Back Thermometer	Each	0	0	0	780	0	780.0	0	0	0	8,580	0	8,580.0
Filter Alert Device	Each	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
Gas Water Heater Repair/Replace	Each	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
Reusable Filter/Replacement Signal	Each	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
Compact Fluorescent Bulbs	Each	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
Geo Exchange Heat Pumps	Each	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
CF Fixtures Exterior	Each	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
Administration	Home	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
Other (labor, materials, supplies)	Home	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
Education Workshops		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
TOTAL		0	0	0	10,787.4	0	10,787.4	0	0	0	151,701.4	0	151,701.4

[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
2004 LIEE ENERGY SAVINGS
TABLE VIII.E

		Third Quarter (July - August)											
		Annual Energy Savings [1]						Lifetime Energy Savings					
Measures	Units	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	10.4	0	52	0	62.4	0	104	0	520	0	624
Outlet Switch Gaskets	Home	0	76.7	0	0	0	76.7	0	1,533.6	0	0	0	1,533.6
Shell Infiltration	Home	0	0	0	0	0	0	0	0	0	0	0	0
Threshold	Home	0	30	0	0	0	30	0	600	0	0	0	600
Weatherization													
Attic Insulation	Sqft	0	0	0	974.4	0	974.4	0	0	0	19,487	0	19,487
Attic Venting	Home	0	0	0	0	0	0	0	0	0	0	0	0
Ceiling Insulation	Sqft	0	184.6	0	0	0	184.6	0	3,692	0	0	0	3,692
Floor Insulation	Sqft	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
Weatherstripping	Home	0	86	0	130	0	216	0	859.9	0	1,300	0	2,159.9
Caulking	Home	0	18	0	31	0	49	0	234	0	310	0	544
Home Repairs	Home	0	387	0	0	0	387	0	7,740	0	0	0	7,740
Low Flow Shower Device	Home	0	90	0	980	0	1,070	0	900	0	9,800	0	10,700
Minor Envelope Repair	Home	0	0	0	288	0	288	0	0	0	5,760	0	5,760
Water Heater Pipe Wrap	Home	0	70	0	35	0	105	0	700	0	350	0	1,050
Sink Faucet Aerator	Home	0	112	0	416	0	528	0	1,120	0	4,160	0	5,280
Water Heater Blanket	Home	0	98	0	476	0	574	0	980	0	4,760	0	5,740
Weatherization Mileage	Home	0	0	0	0	0	0	0	0	0	0	0	0
Furnaces													
Repair - Gas	Each	0	80	0	0	0	80	0	1,600	0	0	0	1,600
Replacement - Gas	Each	0	0	0	104	0	104	0	0	0	2,080	0	2,080
Repair - Electric	Each	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
Other Incidentals		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
Glass Replacement	Each	0	0	0	297	0	297	0	0	0	5,940	0	5,940
Duct Wrap	Home	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
Storm Windows - Glass Fixed	Each	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
Vinyl Retro Window	Each	0	0	0	0	0	0	0	0	0	0	0	0
Set Back Thermometer	Each	0	0	0	520	0	520	0	0	0	5,720	0	5,720
Filter Alert Device	Each	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
Gas Water Heater Repair/Replace	Each	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
Reusable Filter/Replacement Signal	Each	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
Compact Fluorescent Bulbs	Each	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
Geo Exchange Heat Pumps	Each	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
CF Fixtures Exterior	Each	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
Administration	Home	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
Other (labor, materials, supplies)	Home	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
Education Workshops		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
TOTAL		0	1,242.7	0	4,303.4	0	5,546	0	20,063.5	0	60,187	0	80,250.5

[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
2004 LIEE ENERGY SAVINGS
TABLE VIII.E

		Fourth Quarter (October - December)											
		Annual Energy Savings [1]						Lifetime Energy Savings					
Measures	Units	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	228.8	0	229	0	0	0	2,288	0	2,288
Outlet Switch Gaskets	Home	0	0	0	119.9	0	119.9	0	0	0	2,397.6	0	2,397.6
Shell Infiltration	Home	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
Weatherization													
Attic Insulation	Sqft	0	0	0	781.4	0	781.4	0	0	0	15,628.6	0	15,628.6
Attic Venting	Home	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
Floor Insulation	Sqft	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
Weatherstripping	Home	0	0	0	546	0	546	0	0	0	5,460	0	5,460
Caulking	Home	0	0	0	167	0	167	0	0	0	1,670	0	1,670
Home Repairs	Home	0	0	0	0	0	0	0	0	0	0	0	0
Low Flow Shower Device	Home	0	0	0	3,790	0	3,790	0	0	0	37,900	0	37,900
Minor Envelope Repair	Home	0	0	0	1,183.5	0	1,183.5	0	0	0	23,670	0	23,670
Water Heater Pipe Wrap	Home	0	0	0	305	0	305	0	0	0	3,050	0	3,050
Sink Faucet Aerator	Home	0	0	0	1,492	0	1,492	0	0	0	14,920	0	14,920
Water Heater Blanket	Home	0	0	0	2,534	0	2,534	0	0	0	25,340	0	25,340
Weatherization Mileage	Home	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
Replacement - Gas	Each	0	0	0	78	0	78	0	0	0	1,560	0	1,560
Repair - Electric	Each	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
Other Incidentals		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
Glass Replacement	Each	0	0	0	508.5	0	508.5	0	0	0	10,170	0	10,170
Duct Wrap	Home	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
Storm Windows - Glass Fixed	Each	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
Vinyl Retro Window	Each	0	0	0	0	0	0	0	0	0	0	0	0
Set Back Thermometer	Each	0	0	0	260	0	260	0	0	0	2,860	0	2,860
Filter Alert Device	Each	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
Gas Water Heater Repair/Replace	Each	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
Reusable Filter/Replacement Signal	Each	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
Compact Fluorescent Bulbs	Each	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
Geo Exchange Heat Pumps	Each	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
CF Fixtures Exterior	Each	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
Administration	Home	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
Other (labor, materials, supplies)	Home	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
Education Workshops		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
TOTAL		0	0	0	11,994.1	0	11,994.1	0	0	0	146,914.2	0	146,914.2

[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
2004 LIEE ENERGY SAVINGS
TABLE VIII.E

		Year to Date											
		Annual Energy Savings [1]						Lifetime Energy Savings					
		Northern		Southern		Total		Northern		Southern		Total	
Measures	Units	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms	kWh	Therms
Infiltration & Space Conditioning													
Cooler Cover	Home	0	10.4	0	478.4	0	488.8	0	104	0	4,784	0	4,888
Outlet Switch Gaskets	Home	0	76.70	0	121.00	0	197.7	0	1,533.6	0	2,419.2	0	3,952.8
Shell Infiltration	Home	0	0	0	0	0	0	0	0	0	0	0	0
Threshold	Home	0	30	0	0	0	30	0	600	0	0	0	600
Weatherization													
Attic Insulation	Sqft	0	0	0	4,305.50	0	4,306	0	0	0	86,109.4	0	86,109.4
Attic Venting	Home	0	0	0	0	0	0	0	0	0	0	0	0
Ceiling Insulation	Sqft	0	185	0	0	0	184.6	0	3,692	0	0	0	3,692
Floor Insulation	Sqft	0	0	0	0	0	0	0	0	0	0	0	0
Kneewall Insulation	Sqft	0	0	0	116	0	116	0	0	0	2,320	0	2,320
Weatherstripping	Home	0	86.00	0	1,146	0	1,232	0	860	0	11,460	0	12,319.9
Caulking	Home	0	18	0	298	0	316	0	234	0	2,980	0	3,214
Home Repairs	Home	0	387	0	0	0	387	0	7,740	0	0	0	7,740
Low Flow Shower Device	Home	0	90	0	7,840	0	7,930	0	900	0	78,400	0	79,300
Minor Envelope Repair	Home	0	0	0	2,534	0	2,534	0	0	0	50,670	0	50,670
Water Heater Pipe Wrap	Home	0	70	0	350	0	420	0	700	0	3,500	0	4,200
Sink Faucet Aerator	Home	0	112	0	3,000	0	3,112	0	1,120	0	30,000	0	31,120
Water Heater Blanket	Home	0	98	0	4,760	0	4,858	0	980	0	47,600	0	48,580
Weatherization Mileage	Home	0	0	0	0	0	0	0	0	0	0	0	0
Furnaces													
Repair - Gas	Each	0	80	0	0	0	80	0	1,600	0	0	0	1,600
Replacement - Gas	Each	0	0	0	416	0	416	0	0	0	8,320	0	8,320
Repair - Electric	Each	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
Other Incidentals		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
Glass Replacement	Each	0	0	0	1,332	0	1,332	0	0	0	26,640	0	26,640
Duct Wrap	Home	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
Storm Windows - Glass Fixed	Each	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
Vinyl Retro Window	Each	0	0	0	0	0	0	0	0	0	0	0	0
Set Back Thermometer	Each	0	0	0	1,560	0	1,560	0	0	0	17,160	0	17,160
Filter Alert Device	Each	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
Gas Water Heater Repair/Replace	Each	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
Reusable Filter/Replacement Signal	Each	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
Compact Fluorescent Bulbs	Each	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
Geo Exchange Heat Pumps	Each	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
CF Fixtures Exterior	Each	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
Administration	Home	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
Other (labor, materials, supplies)	Home	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
Education Workshops		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
TOTAL		0	1,242.7	0	28,256.4	0	29,499.1	0	20,063.5	0	372,362.6	0	392,426.1

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

Section IV

Low-Income Assistance Programs 2005 Annual Report

– CARE Residential Program – South Lake Tahoe District

**Southwest Gas Corporation
(U 905 G)
Low-Income Assistance Programs
2005 Annual Report – South Lake Tahoe District
January 1, 2005 – December 31, 2005**

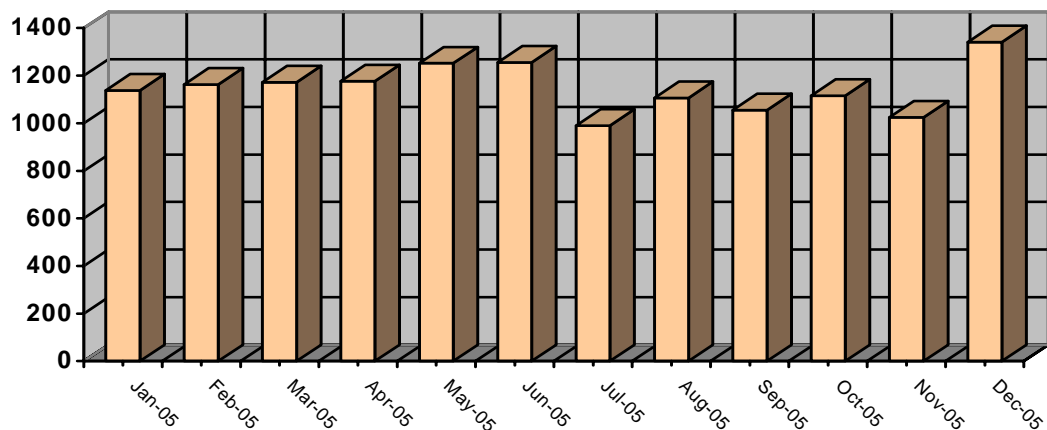
CARE Residential Program

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% or more from the previous month.**

Fluctuations are due to customer migrations, improved economic situations for program participants, expirations of eligibility, and cycle billing effects.

- 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% or more.**

Southwest experienced an increase in CARE participation from November to December due to the Winter Initiative implemented by the Commission to help low-income residential customers meet the anticipated high energy prices during the 2005/2006 Winter season, including increasing the income eligibility from 175% to 200% of the Federal Poverty Income guidelines. In addition, additional income-eligible customers were identified by exchanging CARE data with Sierra Pacific Power Company (SPPC).

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

Table I. A. Number of participating low-income ratepayers, including submetered households, by month

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Monthly Average
DISTRICT													
So. Lake Tahoe 16	1,138	1,163	1,172	1,177	1,252	1,256	990	1,106	1,055	1,116	1,025	1,341	1,149

Table I. A. Variance in number of participating low-income ratepayers, including submetered households, from previous month

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Annual Increase/ Decrease (1)
DISTRICT													
So. Lake Tahoe 16	6.2%	2.2%	0.8%	0.4%	6.4%	0.3%	-21.2%	11.7%	-4.6%	5.8%	-8.2%	30.8%	25.1%

(1) To adjust for cycle billing effects, the annual increase/decrease for the 2005 program year is derived by comparing December 2004 customer counts to December 2005 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, 2005 is 17,368*.

*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 that 1,207 potential CARE eligible households exist in its South Lake Tahoe Service Territory as of December 31, 2005.*

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

*Estimated eligible CARE participants were calculated based on income eligibility at 175% and 200% of the FPI Guidelines for January through October 2005, and November and December 2005, respectively.

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?

Southwest estimates that 11% of its customers in its South Lake Tahoe Service Territory are eligible for the CARE Program discount.

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, 2005, there were 1,341 Southwest customers participating in the CARE Program, which represents approximately 111% of the total estimated for eligibility.

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

Table I.B – CARE Participation

Month	Enrolled by Non-Capitation	Enrolled by Capitation	Total Enrolled [1]	Total CARE Participants	Estimated Eligible	Participation Rate
January	0	60	60	1,132	1,162	97%
February	0	21	21	1,153	1,162	99%
March	0	13	13	1,166	1,162	100%
April	0	89	89	1,252	1,162	108%
May	37	0	37	1,252	1,162	108%
June	112	0	112	1,256	1,162	108%
July	22	9	31	990	1,162	85%
August	59	2	61	1,106	1,162	95%
September	173	0	173	1,055	1,162	91%
October	86	0	86	1,116	1,162	96%
November	65	0	65	1,025	1,207	85%
December	265	0	265	1,341	1,207	111%

[1] Total enrolled by month include both first-time CARE customers and those re-enrolled on the CARE rate.

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.

Southwest used Avista Utilities' estimated eligible calculation to determine the estimated number of potentially eligible participants in the CARE Program, which was calculated by utilizing economic and demographic survey data.

Submetered Participants (Master-Metered Customers)

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 133 master-metered accounts in Southwest's service area – 128 with submetering and 5 without submetering.

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

Southwest estimates 63 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 70 submetered CARE Program participants as of December 31, 2005, which represents approximately 111% of the total estimated for eligibility.

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. 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, 2005.

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.

Outreach

Southwest's Northern California outreach activities and funds were leveraged for the South Lake Tahoe area. The only costs incurred for South Lake Tahoe under outreach were for capitation fees. Outreach activities are summarized in Table IV.A.

Processing, Certification and Verification

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.

Verification – Review of application for income eligibility, requests for proof of eligibility, repeat contacts with applicants for additional information, and random sampling of applications.

Billing System Programming

As mentioned above, Southwest leveraged funds from the existing Northern California service areas for activities in South Lake Tahoe. Therefore, no costs were directly incurred for this area.

Regulatory Compliance

Southwest leveraged funds from the existing Northern California service areas for activities in South Lake Tahoe. Therefore, no costs were directly

incurred for this area.

General Administration

Southwest leveraged funds from the existing Northern California service areas for activities in South Lake Tahoe. Therefore, no costs were directly incurred for this area.

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 and CARE Program Participants
TABLE II. A and II.B. – USAGE INFORMATION

Table II. A. Usage Information (In Therms)

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
Average Tier 1 usage for all residential customers (excluding CARE participants master-metered consumption)																
DISTRICT																
So. Lake Tahoe 16	89.98	88.78	74.58	72.56	68.96	25.40	21.24	16.86	23.59	37.92	63.59	93.03	671.85	56.37	73.68	21.77

Table II. A. Usage Information (In Therms)

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
Average Tier 2 usage for all residential customers (excluding CARE participants master-metered consumption)																
DISTRICT																
So. Lake Tahoe 16	47.00	44.16	36.13	32.72	6.42	3.74	2.03	0.55	2.31	2.73	1.64	3.39	177.82	15.24	21.77	2.16

Table II. A. Usage Information (In Therms)

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
Average Tier 1 and Tier 2 usage for all residential customers (excluding CARE participants master-metered consumption)																
DISTRICT																
So. Lake Tahoe 16	136.98	132.95	110.71	105.28	75.38	29.14	23.27	17.40	25.90	40.65	65.23	96.42	849.67	71.61	95.45	23.93

Table II. B. Usage Information (In Therms)

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
Average Tier 1 usage for CARE participants (excluding master-metered consumption)																
DISTRICT																
So. Lake Tahoe 16	108.00	103.25	87.20	87.05	65.15	32.58	23.23	16.66	22.57	36.33	58.09	81.38	740.47	60.12	78.31	23.76

Table II. B. Usage Information (In Therms)

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
Average Tier 2 usage for CARE participants (excluding master-metered consumption)																
DISTRICT																
So. Lake Tahoe 16*	0.00	0.00	0.00	0.00	0.00	4.57	1.56	0.39	1.67	2.94	2.80	2.49	16.23	1.37	2.06	2.05

Table II. B. Usage Information (In Therms)

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Total Annual Usage	Average Monthly Usage	Average Winter Usage	Average Summer Usage
Average Tier 1 and Tier 2 usage for CARE participants (excluding master-metered consumption)																
DISTRICT																
So. Lake Tahoe 16	108.00	103.25	87.20	87.05	65.15	37.15	24.79	17.05	24.23	39.28	60.89	83.87	756.70	61.49	79.34	25.81

* Avista did not have a tier II for CARE customer consumption.

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

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05
AVERAGE USAGE – NONCARE (In Therms)												
All Districts												
Customers	16,240	16,202	16,243	16,183	20,111	17,388	16,245	18,332	16,629	16,561	15,458	16,730
Avg. Tier 1 Use	78.00	77.00	65.00	61.00	68.96	25.40	21.24	16.86	23.59	37.92	63.59	93.03
Avg. Tier 2 Use	47.00	44.00	36.00	33.00	6.42	3.74	2.30	0.55	2.31	2.73	1.64	3.39
Total Avg. Use	125.00	121.00	101.00	94.00	75.38	29.14	23.27	17.41	25.90	40.65	65.23	96.42

Average Monthly Usage	Average Winter Usage	Average Summer Usage
16,680	16,716	17,149
56.37	73.68	21.77
15.24	21.77	2.16
71.61	95.45	23.93

Table II. C. CARE Participant Versus NonCARE

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05
AVERAGE USAGE – CARE PARTICIPANTS (In Therms) (Does not include master meter)												
All Districts												
Customers	1,138	1,163	1,172	1,177	1,238	1,203	958	1,056	1,014	1,075	989	1,279
Avg. Tier 1 Use	108.00	104.00	87.00	88.00	65.15	32.58	23.23	16.66	22.57	36.33	58.09	81.38
Avg. Tier 2 Use	1.00	1.00	0.00	0.00	0.00	4.57	1.56	0.39	1.67	2.94	2.80	2.49
Total Avg. Use	109.00	105.00	87.00	88.00	65.15	37.15	24.79	17.05	24.24	39.27	60.89	83.89

Average Monthly Usage	Average Winter Usage	Average Summer Usage
1,122	1,154	1,058
60.12	78.31	23.76
1.37	2.06	2.05
61.49	80.37	25.81

Table II. C. CARE Participant Versus NonCARE

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05
CARE PARTICIPANTS Average Usage Greater Than/(Less Than) NONCARE Average Usage (In Therms) (Does not include master meter)												
All Districts												
Avg. Tier 1 Use	30.00	27.00	22.00	27.00	(3.81)	7.18	1.99	(0.20)	(1.02)	(1.59)	(5.50)	(11.65)
Avg. Tier 2 Use	(46.00)	(43.00)	(36.00)	(33.00)	(6.42)	0.83	(0.47)	(0.16)	(0.64)	0.21	1.16	(0.90)
Total Avg. Use	(16.00)	(16.00)	(14.00)	(6.00)	(10.23)	8.01	1.52	(0.36)	(1.66)	(1.38)	(4.34)	(12.55)

Average Monthly Usage	Average Winter Usage	Average Summer Usage
3.75	4.63	1.99
(13.87)	(19.71)	(0.11)
(10.12)	(15.08)	1.88

Table II. C. CARE Participant Versus NonCARE

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05
CARE PARTICIPANTS Average Usage Greater Than/(Less Than) NONCARE Average Usage (as Percentage) (Does not include master meter)												
All Districts												
Avg. Tier 1 Use	38.5%	35.1%	33.8%	44.3%	(5.5%)	28.3%	9.4%	(1.2%)	(4.3%)	(4.2%)	(8.6%)	(12.5%)
Avg. Tier 2 Use	(97.9%)	(97.7%)	(100.0%)	(100.0%)	(100.0%)	22.2%	(23.2%)	(29.1%)	(27.7%)	7.7%	70.7%	(26.5%)
Total Avg. Use	(12.8%)	(13.2%)	(13.9%)	(6.4%)	(13.6%)	27.5%	6.5%	2.1%	(6.4%)	(3.4%)	(6.7%)	(13.0%)

Average Monthly Usage	Average Winter Usage	Average Summer Usage
6.7%	6.3%	9.1%
(91.0%)	(90.5%)	(5.1%)
(14.1%)	(15.8%)	(7.9%)

SOUTHWEST GAS CORPORATION
Summary of CARE Data
Program Costs
TABLE III. A., B., C. & D1.

Table III. A. Program Costs

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Average Monthly Bill	Average Winter Bill	Average Summer Bill
AVERAGE BILL – NONCARE															
DISTRICT															
So. Lake Tahoe 16	\$ 131.53	127.26	107.02	99.9	81.71	34.18	29.20	23.24	33.38	56.26	95.67	137.38	\$ 79.73	104.59	30.00

Table III. B. Program Costs

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Average Monthly Bill	Average Winter Bill	Average Summer Bill
AVERAGE BILL -- CARE Participants (Does not include master meter)															
DISTRICT															
So. Lake Tahoe 16	\$ 86.25	83.25	69.63	70.38	58.04	32.50	23.26	17.35	23.83	41.09	68.29	91.20	\$ 55.42	71.02	24.24

Table III. C. Average Monthly Discount in Dollars per CARE Participant

	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Average Monthly Discount	Average Winter Discount	Average Summer Discount
DISTRICT															
So. Lake Tahoe 16	\$ 22.77	21.98	18.37	18.57	14.43	7.80	5.84	4.36	6.03	10.33	16.96	22.94	\$ 14.20	18.29	6.01

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

<i>Table III. D.1. Total CARE Administrative Costs</i>													Total Program Costs
	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	
DISTRICT													
So. Lake Tahoe 16	\$ 1,820.00	0.00	0.00	0.00	0.00	1,661.70	978.57	1,356.97	2,222.13	1,841.50	0.00	0.00	\$ 9,880.87
<i>Table III. D.1. Number of Participating Customers</i>													Monthly Average
	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	
DISTRICT													
So. Lake Tahoe 16	1,138	1,163	1,172	1,177	1,252	1,256	990	1,106	1,055	1,116	1,025	1,341	1,149
<i>Table III. D.1. Administrative Costs Per Participating Customers (System costs are allocated to districts based on number of customers)</i>													Total
	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	
DISTRICT													
So. Lake Tahoe 16	\$ 1.60	0.00	0.00	0.00	0.00	1.32	0.99	1.23	2.11	1.65	0.00	0.00	\$ 8.60

Table III.D.2 – CARE Program Administrative Cost Breakdown

Description	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	YTD	Annual Budget	% of Budget
Outreach							
Capitation Fees	\$ -	\$ -	\$ 61		\$ 61	\$ 18,800	
Applications/Inserts					0		
Media					0		
Other Outreach [1]					0		
Other Outreach subsumed in GRC [3]					0		
Subtotal Outreach	\$ -	\$ -	\$ 61	\$ -	\$ 61	\$ 18,800	0.3%
Processing/Certification/Verification							
Internal		\$ 1,149	\$ 4,472	\$ 1,842	\$ 7,462		
Outside Services	\$ 1,820	\$ 513			\$ 2,333	\$ 11,800	
Subtotal Processing/Certification/Verification	\$ 1,820	\$ 1,662	\$ 4,472	\$ 1,842	\$ 9,795	\$ 12,300	79.6%
General							
Billing System/ Programming					\$ -		
Consulting Services [2]					0		
Regulatory Compliance					0		
Travel					0	3,000	
Filings					0		
Labor Costs (including overhead)					0		
Incremental					0		
Other general (please specify) [1]					0	12,500	
General costs subsumed in GRC [3]					0		
Subtotal General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,500	0.0%
TOTAL PROGRAM COSTS (including costs subsumed in GRC)	\$ 1,820	\$ 1,662	\$ 4,533	\$ 1,842	\$ 9,856	\$ 46,600	
TOTAL PROGRAM COSTS (excluding costs subsumed in GRC)	\$ 1,820	\$ 1,662	\$ 4,533	\$ 1,842	\$ 9,856	\$ 46,600	21.2%
CARE Program Discount	\$ 72,650	\$ 49,624	\$ 16,791	\$ 59,633	\$ 198,698	\$ 185,101	107.3%
GRAND TOTAL PROGRAM COSTS (including costs subsumed in GRC) & CUSTOMER DISCOUNTS	\$ 74,470	\$ 51,286	\$ 21,324	\$ 61,475	\$ 208,554	\$ 231,701	90.0%
GRAND TOTAL PROGRAM COSTS (excluding costs subsumed in GRC) & CUSTOMER DISCOUNTS	\$ 74,470	\$ 51,286	\$ 21,324	\$ 61,475	\$ 208,554	\$ 231,701	90.0%

[1] Other Outreach/General costs are defined as any direct costs that do not fall into the listed subcategories.

[2] Ongoing costs of software consultant hired to set up and maintain database of CARE and LIEE projects.

[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.

Table IV.A – CARE Program Outreach Activities

Activity	Summary	Timeline	Status	Cost [1]
CARE Capitation Fee Project	Contracted with Richard Health & Associates, Inc. Agencies are paid a \$12 incentive fee for each new customer they assisted in enrolling in the CARE program.	January 2005 - December 2005	Ongoing	\$ 61
CARE Application	Redesigned CARE application and updated income guidelines.	May 2005	Completed	
CARE Application	Revised CARE application to reflect income guidelines at 200%.	November 2005	Completed	
CARE Customer Data Share	Exchanged CARE customer data electronically with Sierra Pacific Power Company. Southwest identified 181 possible new CARE customers.	December 2005	Completed	
Targeted Mailing	CARE applications sent to Sierra Pacific Power Company's customers identified on CARE.	December 2005	Completed	
Targeted Mailing	CARE applications sent to Sierra Pacific Power Company's customers identified on CARE.	January 2005	Completed	
Design	Postage Paid envelopes designed and printed for CARE income verification.	December 2005	Completed	
Design	In-house graphic artist updated Southwest's Energy Assistance Programs brochure. CARE, LIEE and Medical Baseline are highlighted. Brochure is available in English and Spanish.	October 2005 - December 2005	Completed	
Design	Southwest's Corporate Communications department designed Southwest's, "We CARE About You" campaign for the Winter Initiative. CARE, LIEE and Medical Baseline are highlighted.	September 2005 - December 2005	Completed	
Posters	Posters printed for Southwest's "We CARE About You" campaign to promote CARE, LIEE, and Medical Baseline.	September 2005 - December 2005	Completed	

Table IV.A – CARE Program Outreach Activities

Activity	Summary	Timeline	Status	Cost [1]
Posters	"We CARE About You" posters displayed in local Southwest offices and assistance agencies to promote CARE, LIEE and Medical Baseline.	September 2005 - December 2005	Completed	
Post Card	Post card printed for Southwest's "We CARE About You" campaign to promote CARE, LIEE, and Medical Baseline.	September 2005 - December 2005	Completed	
Post Card	"We CARE About You" post card was sent to all of Southwest's residential customers in California.	December 2005	Completed	
Flex Your Power	Submitted Southwest's CARE and LIEE program information for the State's " <i>Flex Your Power</i> " campaign.	November 2005	Completed	
Website	CARE and LIEE promoted on Southwest's website for customers to obtain program information.	January 2005 - December 2005	Ongoing	
Website	CARE information made available in Spanish and large print (English and Spanish). TDD information was also added.	July 2005 - December 2005	Completed	
Website	CARE applications available on Southwest's website in English and Spanish. Large print applications also available in English and Spanish.	January 2005 - December 2005	Completed	
On-hold Messages	CARE and LIEE promoted while Southwest customers wait for the next available Call Center representative.	January 2005 - December 2005	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.

F. Provide balancing account balance (for which balancing account CARE – LIEE or both 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, 2005:

Beginning Balance @ 4/28/05 ⁽¹⁾ :	\$ 14,702
Program benefits:	\$ 104,490
Interest accrual:	\$ (478)
Recoveries through surcharges:	\$ (115,209)
Administration costs:	\$ 8,061
Net balance @ 12/31/05:	\$ (17,839)⁽²⁾

Southwest's LIEE account balance for the twelve months ending December 31, 2005:

Adjusted Beginning Balance @ 04/28/05 ⁽¹⁾ :	\$ 34,531
Program/Administrative Costs:	\$ 41,195
Interest accrual:	\$ (21)
Recoveries through surcharges:	\$ (50,875)
Net balance @ 12/31/05:	\$ 24,830⁽²⁾

- (1) The beginning balance on April 28, 2005 represents the adjusted general ledger balance transferred upon the acquisition of Avista Corporation.
- (2) The ending balances above cannot be compared to the general ledger account balance for the CARE and LIEE Programs, as neither remittances to the Board of Equalization (BOE) nor refunds from BOE are included.

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	Surcharge Collected	Surcharge \$/Therm*	% of Avg. Bill	% of Total Surcharge
South Lake Tahoe:				
Residential	\$ 69,946	0.01093	0.84%	60.71%
Commercial	\$ 36,578	0.01093	0.93%	31.75%
Industrial	\$ 125	0.01093	0.95%	0.11%
Transportation	\$ 8,560	0.01093	7.57%	7.43%
Total South Lake Tahoe	\$115,209			100.00%

*Surcharge rates are representative of rates billed.

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

Total annual CARE Program benefits provided as of December 31, 2005, were \$104,490.

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 in Appendix I summarizes the outreach activities undertaken in program year 2005.

B. Provide a narrative discussion of the following:

1. Sharing information in overlapping service territories.

Southwest and Sierra Pacific Power Company (SPPC) electronically shared a list of each utility's CARE customers. Through this process, Southwest identified over 180 customers that may qualify for CARE in the Northern California/South Lake Tahoe area. Special mailings, which included both an English and Spanish version of the CARE application, were sent to these customers.

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 project 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.

When feasible, Southwest has joined with other California utilities to cooperatively and jointly administer and market the CARE program statewide.

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 and data sharing projects have proven to be the most effective and affordable ways of increasing CARE participation. Southwest is working on methods to improve and automate these projects.

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	46	25	0	4	0
FEBRUARY	26	26	0	0	0
MARCH	8	8	0	0	0
APRIL	20	15	0	1	0
MAY	34	32	0	0	0
JUNE	102	95	0	0	2
JULY	47	46	0	0	1
AUGUST	78	67	2	0	2
SEPTEMBER	258	234	18	0	2
OCTOBER	116	112	2	0	0
NOVEMBER	90	86	3	0	0
DECEMBER	179	167	10	0	1
TOTALS	1004	913	35	5	8

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

No problems were encountered during the reporting period with program management.

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.**

The following table provides the number of participants sent a request letter to recertify and the number of participants removed based on their qualification

expiration date in Southwest's Customer Service System by month. The remaining information was unavailable during the reporting period. Southwest is in the process of make several programming changes to track and report this additional information in the future.

Table VI.A – CARE Recertification

MONTH	Applications Requested	Applications Received	Recertified	Denied As Ineligible	Incomplete	Removed
JANUARY	5		0			0
FEBRUARY	2		0			0
MARCH	3		0			0
APRIL	2		0			0
MAY	272		0			0
JUNE	26		0			0
JULY	31		0			0
AUGUST	38		0			0
SEPTEMBER	31		22			0
OCTOBER	27		15			0
NOVEMBER	1		10			0
DECEMBER	0		9			0
TOTALS	438		56			0

- 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.**

Many participants voluntarily include income verification with their initial application. The total number of income verifications provided and requested was unavailable for the reporting period. Southwest is in the process of making several programming changes to track and report this information in the future.

- 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.**

Each year in July, a letter is sent to the managers/owners of master-metered complexes to advise them that eligible residents must renew their CARE applications before September 30. A supply of CARE applications is enclosed with each letter. The sub-metered tenants return their applications directly to Southwest and are processed in the same manner as the primary CARE customers. No problems were encountered between master-metered customers and sub-metered 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 self-certify and verify. Use of outside agencies for these purposes has not been determined, at this time, to be cost-effective.

VII. OTHER TOPICS

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

The implementation of the Winter Initiative, as discussed in the Introduction of this report, was the most significant change to the program during 2005. Many additional customers qualified for CARE at the 200 percent level, compared to the 175 percent guidelines. Phone enrollments were also implemented, which greatly increased the number of CARE participants.

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

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

Section V

Low-Income Assistance Programs 2005 Annual Report

– CARE Expanded Program – South Lake Tahoe District

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 farmworker 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:

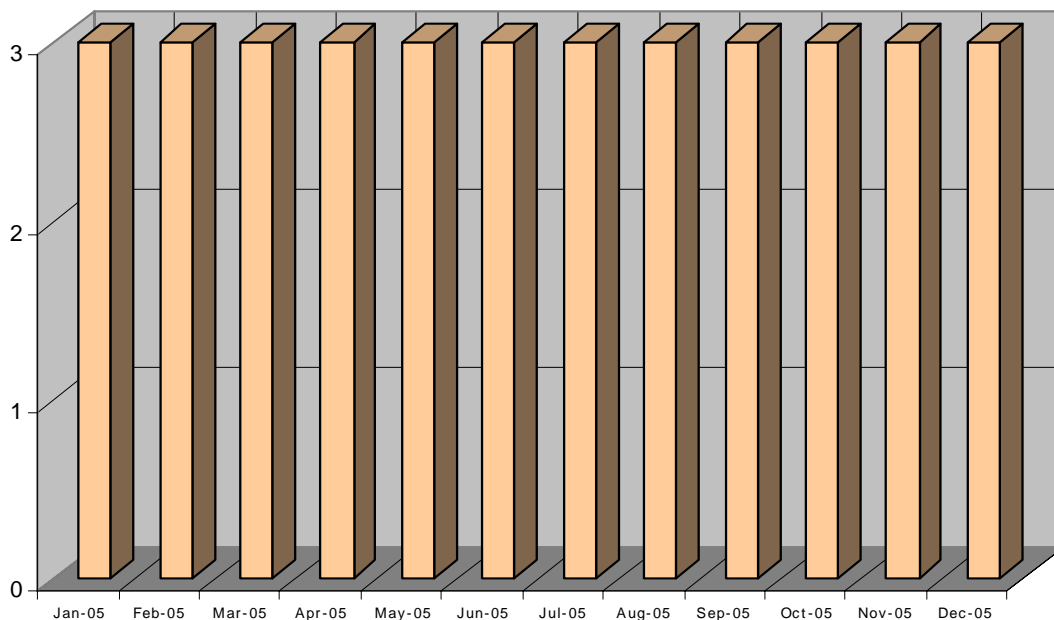
1. Give the total number of residential facilities and the total number of commercial facilities receiving the Expanded CARE discount.

Southwest currently has three (3) group living facilities on the Expanded CARE Program discount. This information is provided in the following table and graph.

CARE Expansion Program – Group Living Facilities			
January 2005	3	July 2005	3
February 2005	3	August 2005	3
March 2005	3	September 2005	3
April 2005	3	October 2005	3
May 2005	3	November 2005	3
June 2005	3	December 2005	3

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

CARE Expansion Participants By Month



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

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 18. The following table demonstrates the breakdown per facility.

Facility #1	6
Facility #2	6
Facility #3	6
Total Residents	18

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 area 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, 2005, is \$1,980. The average annualized discount per commercial facility is \$660.

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).

Southwest did not conduct outreach activities for potential Expanded CARE Program participants for the 2005 reporting period.

B. Provide a narrative discussion of the following:

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

Southwest has determined that direct mailings to the group living and residential care facilities continue to be the most cost-effective outreach method in its other California service territories and will implement this outreach during 2006.

2. Sharing information in overlapping service territories;

As noted previously in the CARE Program report, Southwest and SPPC electronically share CARE customer data. During this reporting period, Southwest did not identify any new group living facilities in overlapping territory served by SPPC.

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

Please see response to I.A.2 above.

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

Southwest did not utilize public agencies to solicit potential Expanded CARE facilities during the 2005 reporting period.

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

No barriers, other than those noted earlier, 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 three (3) applications.

Applications:	
Received	3
Approved	3
Denied	0
Return Incomplete	0

B. State the reasons CARE applications are not approved.

Southwest may deny an application 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 2005 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 VI

Low-Income Assistance Programs 2005 Annual Report

– LIEE Program – South Lake Tahoe District

Table VIII.A – Expenditures

Table VIII.B – Administrative Expenses

Table VIII.C – Outreach Activities

Table VIII.D – Installations and Costs

Table VIII.E – Energy Savings

SOUTHWEST GAS CORPORATION - SOUTH LAKE TAHOE
2005 LIEE PROGRAM EXPENSES
TABLE VIII.A

Description	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	YTD	Budget	Percentage of Budget
Program Costs							
Weatherization	\$ -	\$ -	\$ -	\$ 54,752	\$ 54,752	\$ 67,972	80.6%
Appliance Replacement	0	0	0	19,165	19,165	0	100.0%
Education	0	0	0	3,509	3,509	4,800	73.1%
Total Program Costs	\$ -	\$ -	\$ -	\$ 77,425	\$ 77,425	\$ 72,772	106.4%
Administrative Costs							
Outreach			\$ 817	\$ -	\$ 817	\$ 2,000	40.9%
Inspections	0	0	0	0	0	1,500	0.0%
General	0	0	3,737	0	3,737	5,708	65.5%
Total Administrative Costs	\$ -	\$ -	\$ 4,554	\$ -	\$ 4,554	\$ 9,208	49.5%
Grand Total	\$ -	\$ -	\$ 4,554	\$ 77,425	\$ 81,980	\$ 81,980	100.0%

SOUTHWEST GAS CORPORATION - SOUTH LAKE TAHOE
2005 LIEE ADMINISTRATIVE EXPENSES
TABLE VIII.B

Description	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	YTD	Budget	Percentage of Budget
Outreach							
Applications/Inserts					\$ -		
Media					0		
Other Outreach [1]			817		817		
Other outreach subsumed in GRC					0		
Subtotal Outreach	\$ -	\$ -	\$ 817	\$ -	\$ 817	\$ 2,000	40.9%
Inspections							
Internal					\$ -		
Outside Services					0		
Subtotal Inspections	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500	0.0%
General							
Billing System/ Programming			\$ 3,500		\$ 3,500		
Consulting Services [2]					0		
Regulatory Compliance					0		
Travel			237		237		
Filings					0		
Labor Costs (including overhead)					0		
Incremental					0		
Subsumed in General Rates					0		
Other Outside Services					0		
Other General [1]					0		
General costs subsumed in GRC					0		
Subtotal General	\$ -	\$ -	\$ 3,737	\$ -	\$ 3,737	\$ 5,708	65.5%
TOTAL LIEE ADMINISTRATION COSTS (including costs subsumed in GRC)	\$ -	\$ -	\$ 4,554	\$ -	\$ 4,554	\$ 9,208	
TOTAL LIEE ADMINISTRATION COSTS (excluding costs subsumed in GRC)	\$ -	\$ -	\$ 4,554	\$ -	\$ 4,554	\$ 9,208	49.5%

[1] Other Outreach/General costs are defined as any direct costs that do not fall into the listed subcategories.

[2] Ongoing costs of software consultant hired to set up and maintain database of CARE and LIEE projects.

SOUTHWEST GAS CORPORATION - SOUTH LAKE TAHOE
2005 LIEE OUTREACH ACTIVITIES
TABLE VIII.C

TABLE VIII.C - 2005 LIEE OUTREACH ACTIVITIES

Activity	Summary	Timeline	Status	Costs [1]
Targeted Mailing	SPPC/SWG joint mailing to promote LIEE programs in North Lake Tahoe and Truckee. SPPC coordinated printing and mailing.	May 2005	Completed	
Design	In-house graphic artist updated Southwest's "How to Read Your Bill" flyer for use in LIEE education folders.	June 2005 - October 2005	Completed	
Design	In-house graphic artist updated Southwest's Energy Assistance Programs brochure. CARE, LIEE and Medical Baseline are highlighted. Brochure is available in English and Spanish.	October 2005 - December 2005	Completed	
Design	Development of LIEE Weatherization Guide for customer distribution.	July 2005 - December 2005	Ongoing	
Flyer	SWG & SPPC partnered to create LIEE flyer for program promotion.	February 2005 - March 2005	Completed	
Design	Southwest's Corporate Communications department designed Southwest's, "We CARE About You" campaign for the Winter Initiative. CARE, LIEE and Medical Baseline are highlighted.	September 2005 - December 2005	Completed	
Posters	Posters printed for Southwest's "We CARE About You" campaign to promote CARE, LIEE, and Medical Baseline.	September 2005 - December 2005	Completed	\$ 817
Posters	"We CARE About You" posters displayed in local Southwest offices and assistance agencies to promote CARE, LIEE and Medical Baseline.	September 2005 - December 2005	Completed	
Post Card	Post card printed for Southwest's "We CARE About You" campaign to promote CARE, LIEE, and Medical Baseline.	September 2005 - December 2005	Completed	

SOUTHWEST GAS CORPORATION - SOUTH LAKE TAHOE
2005 LIEE OUTREACH ACTIVITIES
TABLE VIII.C

Post Card	"We CARE About You" post card was sent to all of Southwest's residential customers in California.	December 2005	Completed	
Flex Your Power	Submitted Southwest's CARE and LIEE program information for the State's " <i>Flex Your Power</i> " campaign.	November 2005	Completed	
Website	CARE information made available in Spanish and large print (English and Spanish). TDD information was also added.	July 2005 - December 2005	Completed	
Website	CARE and LIEE promoted on Southwest's website for customers to obtain program information.	January 2005 - December 2005	Ongoing	
On-hold Messages	CARE and LIEE promoted while Southwest customers wait for the next available call center representative.	January 2005 - December 2005	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 - SOUTH LAKE TAHOE
2005 LIEE INSTALLATIONS AND COSTS
TABLE VIII.D

Measures	Units	First Quarter (January - March)		Second Quarter (April - June)	
		Completed	Costs	Completed	Costs
Infiltration & Space Conditioning					
Cooler Cover	Home	0	0	0	0
Outlet Switch Gaskets	Home	0	0	0	0
Shell Infiltration	Home	0	0	0	0
Threshold	Home	0	0	0	0
Weatherization					
Attic Insulation	Sqft	0	0	0	0
Attic Venting	Home	0	0	0	0
Ceiling Insulation	Sqft	0	0	0	0
Floor Insulation	Sqft	0	0	0	0
Kneewall Insulation	Sqft	0	0	0	0
Weatherstripping	Home	0	0	0	0
Caulking	Home	0	0	0	0
Home Repairs	Home	0	0	0	0
Low Flow Shower Device	Home	0	0	0	0
Minor Envelope Repair	Home	0	0	0	0
Water Heater Pipe Wrap	Home	0	0	0	0
Sink Faucet Aerator	Home	0	0	0	0
Water Heater Blanket	Home	0	0	0	0
Weatherization Mileage	Home	0	0	0	0
Furnaces					
Repair - Gas	Each	0	0	0	0
Replacement - Gas	Each	0	0	0	0
Repair - Electric	Each	0	0	0	0
Replacement - Electric	Each	0	0	0	0
Other Incidentals		0	0	0	0
Miscellaneous Measures					
Door Replacement	Each	0	0	0	0
Glass Replacement	Each	0	0	0	0
Duct Wrap	Home	0	0	0	0
Duct Register	Home	0	0	0	0
Storm Windows - Glass Fixed	Each	0	0	0	0
Storm Windows - Glass Operable	Each	0	0	0	0
Vinyl Retro Window	Each	0	0	0	0
Set Back Thermometer	Each	0	0	0	0
Filter Alert Device	Each	0	0	0	0
Foam Tape	Home	0	0	0	0
Gas Water Heater Repair/Replace	Each	0	0	0	0
Elec Water Heater Repair/Replace	Each	0	0	0	0
Reusable Filter/Replacement Signal	Each	0	0	0	0
Solar Screens	Each	0	0	0	0
Compact Fluorescent Bulbs	Each	0	0	0	0
Refrigerators	Each	0	0	0	0
Geo Exchange Heat Pumps	Each	0	0	0	0
CF Fixtures Interior	Each	0	0	0	0
CF Fixtures Exterior	Each	0	0	0	0
NGAT	Each	0	0	0	0
Administration	Home	0	0	0	0
Outreach/Assessment	Home	0	0	0	0
Other (labor, materials, supplies)	Home	0	0	0	0
Education					
In-home Education	Home	0	0	0	0
Education Workshops	Home	0	0	0	0
Other (please specify)		0	0	0	0
TOTAL COSTS			\$ -		\$ -
TOTAL HOMES					
Total Number of Homes Treated		0	\$ -	0	\$ -
Total Number of Homes Weatherized		0	\$ -	0	\$ -

SOUTHWEST GAS CORPORATION - SOUTH LAKE TAHOE
2005 LIEE INSTALLATIONS AND COSTS
TABLE VIII.D

Measures	Units	Third Quarter (July - September)		Fourth Quarter (October - December)	
		Completed	Costs	Completed	Costs
Infiltration & Space Conditioning					
Cooler Cover	Home	0	0	8	\$ 23
Outlet Switch Gaskets	Home	0	0	47	639
Shell Infiltration	Home	0	0	0	0
Threshold	Home	0	0	23	743
Weatherization					
Attic Insulation	Sqft	0	0	0	\$ -
Attic Venting	Home	0	0	0	0
Ceiling Insulation	Sqft	0	0	10,673	6,437
Floor Insulation	Sqft	0	0	0	0
Kneewall Insulation	Sqft	0	0	40	24
Weatherstripping	Home	0	0	49	5,068
Caulking	Home	0	0	41	3,029
Home Repairs	Home	0	0	46	7,913
Low Flow Shower Device	Home	0	0	25	896
Minor Envelope Repair	Home	0	0	0	0
Water Heater Pipe Wrap	Home	0	0	3	60
Sink Faucet Aerator	Home	0	0	35	584
Water Heater Blanket	Home	0	0	21	923
Weatherization Mileage	Home	0	0	6	3,336
Furnaces					
Repair - Gas	Each	0	0	10	\$ 17,019
Replacement - Gas	Each	0	0	0	0
Repair - Electric	Each	0	0	0	0
Replacement - Electric	Each	0	0	0	0
Other Incidentals		0	0	0	0
Miscellaneous Measures					
Door Replacement	Each	0	0	0	\$ -
Glass Replacement	Each	0	0	0	0
Duct Wrap	Home	0	0	0	0
Duct Register	Home	0	0	0	0
Storm Windows - Glass Fixed	Each	0	0	0	0
Storm Windows - Glass Operable	Each	0	0	0	0
Vinyl Retro Window	Each	0	0	0	0
Set Back Thermometer	Each	0	0	0	0
Filter Alert Device	Each	0	0	0	0
Foam Tape	Home	0	0	0	0
Gas Water Heater Repair/Replace	Each	0	0	1	143
Elec Water Heater Repair/Replace	Each	0	0	0	0
Reusable Filter/Replacement Signal	Each	0	0	0	0
Solar Screens	Each	0	0	0	0
Compact Fluorescent Bulbs	Each	0	0	0	0
Refrigerators	Each	0	0	0	0
Geo Exchange Heat Pumps	Each	0	0	0	0
CF Fixtures Interior	Each	0	0	0	0
CF Fixtures Exterior	Each	0	0	0	0
NGAT	Each	0	0	77	4,620
Administration	Home	0	0	3	6,120
Outreach/Assessment	Home	0	0	51	3,342
Other (labor, materials, supplies)	Home	0	0	8	15,711
Education					
In-home Education	Home	0	0	51	\$ 3,509
Education Workshops	Home	0	0	0	0
Other (please specify)		0	817	0	0
TOTAL COSTS		0	\$ 817	11,218	\$ 80,139
TOTAL HOMES					
Total Number of Homes Treated				53	\$ -
Total Number of Homes Weatherized				0	\$ -

SOUTHWEST GAS CORPORATION - SOUTH LAKE TAHOE
2005 LIEE INSTALLATIONS AND COSTS
TABLE VIII.D

Measures	Units	Year to Date Totals	
		Completed	Costs
Infiltration & Space Conditioning			
Cooler Cover	Home	8	\$ 23
Outlet Switch Gaskets	Home	47	639
Shell Infiltration	Home	0	0
Threshold	Home	23	743
Weatherization			
Attic Insulation	Sqft	0	\$ -
Attic Venting	Home	0	0
Ceiling Insulation	Sqft	10,673	6,437
Floor Insulation	Sqft	0	0
Kneewall Insulation	Sqft	40	24
Weatherstripping	Home	49	5,068
Caulking	Home	41	3,029
Home Repairs	Home	46	7,913
Low Flow Shower Device	Home	25	896
Minor Envelope Repair	Home	0	0
Water Heater Pipe Wrap	Home	3	60
Sink Faucet Aerator	Home	35	584
Water Heater Blanket	Home	21	923
Weatherization Mileage	Home	6	3,336
Furnaces			
Repair - Gas	Each	10	\$ 17,019
Replacement - Gas	Each	0	-
Repair - Electric	Each	0	-
Replacement - Electric	Each	0	-
Other Incidentals		0	-
Miscellaneous Measures			
Door Replacement	Each	0	\$ -
Glass Replacement	Each	0	0
Duct Wrap	Home	0	0
Duct Register	Home	0	0
Storm Windows - Glass Fixed	Each	0	0
Storm Windows - Glass Operable	Each	0	0
Vinyl Retro Window	Each	0	0
Set Back Thermometer	Each	0	0
Filter Alert Device	Each	0	0
Foam Tape	Home	0	0
Gas Water Heater Repair/Replace	Each	1	143
Elec Water Heater Repair/Replace	Each	0	0
Reusable Filter/Replacement Signal	Each	0	0
Solar Screens	Each	0	0
Compact Fluorescent Bulbs	Each	0	0
Refrigerators	Each	0	0
Geo Exchange Heat Pumps	Each	0	0
CF Fixtures Interior	Each	0	0
CF Fixtures Exterior	Each	0	0
NGAT	Each	77	4,620
Administration	Home	3	6,120
Outreach/Assessment	Home	51	3,342
Other (labor, materials, supplies)	Home	8	15,711
Education			
In-home Education	Home	51	\$ 3,509
Education Workshops	Home	0	0
Other (please specify)		0	817
TOTAL COSTS		11,218	\$ 80,956
TOTAL HOMES			
Total Number of Homes Treated			\$ -
Total Number of Homes Weatherized			\$ -

SOUTHWEST GAS CORPORATION - SOUTH LAKE TAHOE
2005 LIEE ENERGY SAVINGS
TABLE VIII.E

Measures		Units		First Quarter (January - March)			
				Annual Energy Savings [1]		Lifetime Energy Savings	
				kWh	Therms	kWh	Therms
Infiltration & Space Conditioning							
Cooler Cover	Home	0	0	0	0	0	0
Outlet Switch Gaskets	Home	0	0	0	0	0	0
Shell Infiltration	Home	0	0	0	0	0	0
Threshold	Home	0	0	0	0	0	0
Weatherization							
Attic Insulation	Sqft	0	0	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	0	0	0	0	0
Caulking	Home	0	0	0	0	0	0
Home Repairs	Home	0	0	0	0	0	0
Low Flow Shower Device	Home	0	0	0	0	0	0
Minor Envelope Repair	Home	0	0	0	0	0	0
Water Heater Pipe Wrap	Home	0	0	0	0	0	0
Sink Faucet Aerator	Home	0	0	0	0	0	0
Water Heater Blanket	Home	0	0	0	0	0	0
Weatherization Mileage	Home	0	0	0	0	0	0
Furnaces							
Repair - Gas	Each	0	0	0	0	0	0
Replacement - Gas	Each	0	0	0	0	0	0
Repair - Electric	Each	0	0	0	0	0	0
Replacement - Electric	Each	0	0	0	0	0	0
Other Incidentals		0	0	0	0	0	0
Miscellaneous Measures							
Door Replacement	Each	0	0	0	0	0	0
Glass Replacement	Each	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	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
Ele 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
Compact Fluorescent Bulbs	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
CF Fixtures Interior	Each	0	0	0	0	0	0
CF Fixtures Exterior	Each	0	0	0	0	0	0
NGAT	Each	0	0	0	0	0	0
Administration	Home	0	0	0	0	0	0
Outreach/Assessment	Home	0	0	0	0	0	0
Other (labor, materials, supplies)	Home	0	0	0	0	0	0
Education							
In-home Education	Home	0	0	0	0	0	0
Education Workshops		0	0	0	0	0	0
Other (please specify)		0	0	0	0	0	0
TOTAL		0	0	0	0	0	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 - SOUTH LAKE TAHOE
2005 LIEE ENERGY SAVINGS
TABLE VIII.E

Measures		Second Quarter (April - June)			
		Annual Energy Savings [1]		Lifetime Energy Savings	
		kWh	Therms	kWh	Therms
Units					
Infiltration & Space Conditioning					
Cooler Cover	Home	0	0	0	0
Outlet Switch Gaskets	Home	0	0	0	0
Shell Infiltration	Home	0	0	0	0
Threshold	Home	0	0	0	0
Weatherization					
Attic Insulation	Sqft	0	0	0	0
Attic Venting	Home	0	0	0	0
Ceiling Insulation	Sqft	0	0	0	0
Floor Insulation	Sqft	0	0	0	0
Kneewall Insulation	Sqft	0	0	0	0
Weatherstripping	Home	0	0	0	0
Caulking	Home	0	0	0	0
Home Repairs	Home	0	0	0	0
Low Flow Shower Device	Home	0	0	0	0
Minor Envelope Repair	Home	0	0	0	0
Water Heater Pipe Wrap	Home	0	0	0	0
Sink Faucet Aerator	Home	0	0	0	0
Water Heater Blanket	Home	0	0	0	0
Weatherization Mileage	Home	0	0	0	0
Furnaces					
Repair - Gas	Each	0	0	0	0
Replacement - Gas	Each	0	0	0	0
Repair - Electric	Each	0	0	0	0
Replacement - Electric	Each	0	0	0	0
Other Incidentals		0	0	0	0
Miscellaneous Measures					
Door Replacement	Each	0	0	0	0
Glass Replacement	Each	0	0	0	0
Duct Wrap	Home	0	0	0	0
Duct Register	Home	0	0	0	0
Storm Windows - Glass Fixed	Each	0	0	0	0
Storm Windows - Glass Operable	Each	0	0	0	0
Vinyl Retro Window	Each	0	0	0	0
Set Back Thermometer	Each	0	0	0	0
Filter Alert Device	Each	0	0	0	0
Foam Tape	Home	0	0	0	0
Gas Water Heater Repair/Replace	Each	0	0	0	0
Ele Water Heater Repair/Replace	Each	0	0	0	0
Reusable Filter/Replacement Signal	Each	0	0	0	0
Solar Screens	Each	0	0	0	0
Compact Fluorescent Bulbs	Each	0	0	0	0
Refrigerators	Each	0	0	0	0
Geo Exchange Heat Pumps	Each	0	0	0	0
CF Fixtures Interior	Each	0	0	0	0
CF Fixtures Exterior	Each	0	0	0	0
NGAT	Each	0	0	0	0
Administration	Home	0	0	0	0
Outreach/Assessment	Home	0	0	0	0
Other (labor, materials, supplies)	Home	0	0	0	0
Education					
In-home Education	Home	0	0	0	0
Education Workshops		0	0	0	0
Other (please specify)		0	0	0	0
TOTAL		0	0	0	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 - SOUTH LAKE TAHOE
2005 LIEE ENERGY SAVINGS
TABLE VIII.E

Measures		Third Quarter (July - August)			
		Annual Energy Savings [1]		Lifetime Energy Savings	
		kWh	Therms	kWh	Therms
Infiltration & Space Conditioning					
Cooler Cover	Home	0	0	0	0
Outlet Switch Gaskets	Home	0	0	0	0
Shell Infiltration	Home	0	0	0	0
Threshold	Home	0	0	0	0
Weatherization					
Attic Insulation	Sqft	0	0	0	0
Attic Venting	Home	0	0	0	0
Ceiling Insulation	Sqft	0	0	0	0
Floor Insulation	Sqft	0	0	0	0
Kneewall Insulation	Sqft	0	0	0	0
Weatherstripping	Home	0	0	0	0
Caulking	Home	0	0	0	0
Home Repairs	Home	0	0	0	0
Low Flow Shower Device	Home	0	0	0	0
Minor Envelope Repair	Home	0	0	0	0
Water Heater Pipe Wrap	Home	0	0	0	0
Sink Faucet Aerator	Home	0	0	0	0
Water Heater Blanket	Home	0	0	0	0
Weatherization Mileage	Home	0	0	0	0
Furnaces					
Repair - Gas	Each	0	0	0	0
Replacement - Gas	Each	0	0	0	0
Repair - Electric	Each	0	0	0	0
Replacement - Electric	Each	0	0	0	0
Other Incidentals		0	0	0	0
Miscellaneous Measures					
Door Replacement	Each	0	0	0	0
Glass Replacement	Each	0	0	0	0
Duct Wrap	Home	0	0	0	0
Duct Register	Home	0	0	0	0
Storm Windows - Glass Fixed	Each	0	0	0	0
Storm Windows - Glass Operable	Each	0	0	0	0
Vinyl Retro Window	Each	0	0	0	0
Set Back Thermometer	Each	0	0	0	0
Filter Alert Device	Each	0	0	0	0
Foam Tape	Home	0	0	0	0
Gas Water Heater Repair/Replace	Each	0	0	0	0
Ele Water Heater Repair/Replace	Each	0	0	0	0
Reusable Filter/Replacement Signal	Each	0	0	0	0
Solar Screens	Each	0	0	0	0
Compact Fluorescent Bulbs	Each	0	0	0	0
Refrigerators	Each	0	0	0	0
Geo Exchange Heat Pumps	Each	0	0	0	0
CF Fixtures Interior	Each	0	0	0	0
CF Fixtures Exterior	Each	0	0	0	0
NGAT	Each	0	0	0	0
Administration	Home	0	0	0	0
Outreach/Assessment	Home	0	0	0	0
Other (labor, materials, supplies)	Home	0	0	0	0
Education					
In-home Education	Home	0	0	0	0
Education Workshops		0	0	0	0
Other (please specify)		0	0	0	0
TOTAL		0	0	0	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 - SOUTH LAKE TAHOE
2005 LIEE ENERGY SAVINGS
TABLE VIII.E

Measures		Units		Fourth Quarter (October - December)			
				Annual Energy Savings [1]		Lifetime Energy Savings	
				kWh	Therms	kWh	Therms
Infiltration & Space Conditioning							
Cooler Cover	Home	0	29	0	286		
Outlet Switch Gaskets	Home	0	147	0	2,930		
Shell Infiltration	Home	0	0	0	0		
Threshold	Home	0	68	0	1,360		
Weatherization							
Attic Insulation	Sqft	0	0	0	0		
Attic Venting	Home	0	0	0	0		
Ceiling Insulation	Sqft	0	1,409	0	28,188		
Floor Insulation	Sqft	0	0	0	0		
Kneewall Insulation	Sqft	0	3	0	64		
Weatherstripping	Home	0	209	0	2,087		
Caulking	Home	0	41	0	410		
Home Repairs	Home	0	1,566	0	31,320		
Low Flow Shower Device	Home	0	280	0	2,800		
Minor Envelope Repair	Home	0	0	0	0		
Water Heater Pipe Wrap	Home	0	75	0	750		
Sink Faucet Aerator	Home	0	292	0	2,920		
Water Heater Blanket	Home	0	308	0	3,080		
Weatherization Mileage	Home	0	0	0	0		
Furnaces							
Repair - Gas	Each	0	320	0	6,400		
Replacement - Gas	Each	0	0	0	0		
Repair - Electric	Each	0	0	0	0		
Replacement - Electric	Each	0	0	0	0		
Other Incidentals		0	0	0	0		
Miscellaneous Measures							
Door Replacement	Each	0	0	0	0		
Glass Replacement	Each	0	0	0	0		
Duct Wrap	Home	0	0	0	0		
Duct Register	Home	0	0	0	0		
Storm Windows - Glass Fixed	Each	0	0	0	0		
Storm Windows - Glass Operable	Each	0	0	0	0		
Vinyl Retro Window	Each	0	0	0	0		
Set Back Thermometer	Each	0	0	0	0		
Filter Alert Device	Each	0	0	0	0		
Foam Tape	Home	0	0	0	0		
Gas Water Heater Repair/Replace	Each	0	0	0	0		
Ele Water Heater Repair/Replace	Each	0	0	0	0		
Reusable Filter/Replacement Signal	Each	0	0	0	0		
Solar Screens	Each	0	0	0	0		
Compact Fluorescent Bulbs	Each	0	0	0	0		
Refrigerators	Each	0	0	0	0		
Geo Exchange Heat Pumps	Each	0	0	0	0		
CF Fixtures Interior	Each	0	0	0	0		
CF Fixtures Exterior	Each	0	0	0	0		
NGAT	Each	0	0	0	0		
Administration	Home	0	0	0	0		
Outreach/Assessment	Home	0	0	0	0		
Other (labor, materials, supplies)	Home	0	0	0	0		
Education							
In-home Education	Home	0	0	0	0		
Education Workshops		0	0	0	0		
Other (please specify)		0	0	0	0		
TOTAL		0	4,746	0	82,595		

[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 - SOUTH LAKE TAHOE
2005 LIEE ENERGY SAVINGS
TABLE VIII.E

Measures		Year to Date			
		Annual Energy Savings [1]		Lifetime Energy Savings	
		kWh	Therms	kWh	Therms
Infiltration & Space Conditioning					
Cooler Cover	Home	0	29	0	286
Outlet Switch Gaskets	Home	0	147	0	2,930
Shell Infiltration	Home	0	0	0	0
Threshold	Home	0	68	0	1,360
Weatherization					
Attic Insulation	Sqft	0	0	0	0
Attic Venting	Home	0	0	0	0
Ceiling Insulation	Sqft	0	1,409	0	28,188
Floor Insulation	Sqft	0	0	0	0
Kneewall Insulation	Sqft	0	3	0	64
Weatherstripping	Home	0	209	0	2,087
Caulking	Home	0	41	0	410
Home Repairs	Home	0	1,566	0	31,320
Low Flow Shower Device	Home	0	280	0	2,800
Minor Envelope Repair	Home	0	0	0	0
Water Heater Pipe Wrap	Home	0	75	0	750
Sink Faucet Aerator	Home	0	292	0	2,920
Water Heater Blanket	Home	0	308	0	3,080
Weatherization Mileage	Home	0	0	0	0
Furnaces					
Repair - Gas	Each	0	320	0	6,400
Replacement - Gas	Each	0	0	0	0
Repair - Electric	Each	0	0	0	0
Replacement - Electric	Each	0	0	0	0
Other Incidentals		0	0	0	0
Miscellaneous Measures					
Door Replacement	Each	0	0	0	0
Glass Replacement	Each	0	0	0	0
Duct Wrap	Home	0	0	0	0
Duct Register	Home	0	0	0	0
Storm Windows - Glass Fixed	Each	0	0	0	0
Storm Windows - Glass Operable	Each	0	0	0	0
Vinyl Retro Window	Each	0	0	0	0
Set Back Thermometer	Each	0	0	0	0
Filter Alert Device	Each	0	0	0	0
Foam Tape	Home	0	0	0	0
Gas Water Heater Repair/Replace	Each	0	0	0	0
Ele Water Heater Repair/Replace	Each	0	0	0	0
Reusable Filter/Replacement Signal	Each	0	0	0	0
Solar Screens	Each	0	0	0	0
Compact Fluorescent Bulbs	Each	0	0	0	0
Refrigerators	Each	0	0	0	0
Geo Exchange Heat Pumps	Each	0	0	0	0
CF Fixtures Interior	Each	0	0	0	0
CF Fixtures Exterior	Each	0	0	0	0
NGAT	Each	0	0	0	0
Administration	Home	0	0	0	0
Outreach/Assessment	Home	0	0	0	0
Other (labor, materials, supplies)	Home	0	0	0	0
Education					
In-home Education	Home	0	0	0	0
Education Workshops		0	0	0	0
Other (please specify)		0	0	0	0
TOTAL		0	4,746	0	82,595

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