

ATTORNEYS AT LAW

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July 14, 2006

VIA HAND DELIVERY

Chairman Sara Kyle Tennessee Regulatory Authority 460 James Robertson Parkway Nashville, Tennessee 37243-00505

> Docket 06-00175 Petition of Chattanooga Gas Company to Increase Rates, Re:

Including a Comprehensive Rate Design Proposal and Revised Tariff

Dear Chairman Kyle:

Chattanooga Gas Company ("CGC") is filing in the above-referenced docket its responses to the following Minimum Filing Guidelines, Nos. 14, 15, 21, 25, 26, 28, 29, 32, 34, 42, 51, 56, 57, 59, 61, 62, 65, 66, and 68. CGC is also filing the required CDs for Nos. 25 and 34 and for the non-confidential information for No. 21. The confidential information for No. 21 is being filed on a separate CD under protective seal pending entry of a protective order.

Sincerely yours,

Enclosures

Tim Phillips, Esq. cc: Elizabeth Wade, Esq.

Archie Hickerson Mike Morley

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FG-14

If material to the LDC's cost or level of service in Tennessee, please provide a comprehensive discussion of all abnormal conditions or changes in condition that (a) occurred during the last three years or (b) are reasonably anticipated to occur up to the anticipated hearing date in this case. Explain how these changes will affect the LDC's Tennessee operations going forward. The discussion should include, but not be limited to the following:

- a. Management changes
- b. Operational changes
- c. Administrative changes
- d. Recent or pending mergers, consolidations, or acquisitions
- e. Major changes in sales or transportation volumes
- f. Pending negotiations for possible changes in sales or transportation volumes to any current or prospective commercial or industrial customer.
- g. Changes in pipeline allocations.
- h. Labor contracts and/or Union problems
- i. Expenses

a. Management Changes

The management changes during the last three years at Chattanooga Gas Company ("CGC") have not and are not expected to have a material impact on CGC's cost or level of service.

b. Operational changes

AGLR will outsource some business processes that will result in an estimated annual cost reduction of approximately \$185,000 during the attrition year. The outsourcing is projected to produce immediate improvement in the call center service level and the vendor is contractually obligated to provide additional improvement in the service level during the first 18 months of the contract. The outsourcing also provides for the vendor to bring "best practices" expertise allowing for the improvement in the current processes and provide for redundant network connectivity supporting disaster recovery capability that does not currently exist.

In 2005 CGC outsourced the meter reading function. After an internal analysis, CGC determined that due to the larger scale of the vendor's meter reading operation, this vendor would be able to more efficiently

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manage, attract, train, and retain skilled employees than the Company as a result of the relative small scale of CGC's meter reading operation. During the test year and the attrition period the financial impact of outsourcing is immaterial since the reduction in payroll and related expenses is offset by an increase in outside services expense.

CGC will continue its Bare Steel and Cast Iron Pipeline Replacement Program (PRP) to remove the remaining bare steel and cast iron main and related services. The pipe will be replaced using primarily plastic pipe and some cathodically-protected steel for high pressure main. Please refer to the prepared testimony of Richard Lonn for additional information on the PRP as well as a quantification of its impact on rate base, cost of service and revenue requirement.

AGLR is also installing a Work Management System that will allow CGC to better manage its work flow process from initiation through completion, facilitates centralizations of functions, and will ultimately foster performance excellence, efficiencies and cost savings. The actual and expected costs for this initiative are set forth below.

	O & M	Capital
2004	\$81,883	\$182,452
2005	83,130	191,887
2006	68,849	72,469
2007	0	0

AGLR is also in the process of installing a Customer Management System to be utilized by its utilities. See MFG #28 for a description of this initiative.

c. Administrative changes

The administrative changes during the last three years at Chattanooga Gas Company ("CGC") have not and are not expected to have a material impact on CGC's cost or level of service.

d. Recent or pending mergers, consolidations, or acquisitions

In November 2004, AGL Resources Inc. ("AGLR"), the parent company of CGC, acquired all of the outstanding common stock of NUI. This acquisition did not materially impact the operations of CGC. The

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acquisition did result in additional improved efficiencies and economies of scale, which resulted in lower cost allocations to CGC for shared services of approximately \$600,000.

e. Major changes in sales or transportation volumes.

The main issue that has and/or is likely to materially impact the sales and transportation volumes in the future is reduced consumption due to increased conservation and a higher attrition rate. These issues and how they have and will impact CGC's operations going forward are discussed in detail in the pre-filed testimony of Mr. Dan Nikolich and Mr. Phil Buchanan

f. Pending negotiations for possible changes in sales or transportation volumes to any current or prospective commercial or industrial customer.

There are no pending negotiations with any current or prospective current commercial or industrial customers that will materially impact sales or transportation volumes.

g. Changes in pipeline allocations.

There have been no changes in pipeline allocations during the last three years.

h. Labor contracts and/or Union problems

Please refer to the response for TRA FG Item No. 47, which includes the current labor union contract effective May 2004.

i. Expenses

There have been no expenses during the past three years that have had or the Company expects will have a material impact on its cost or level of service.

This response was prepared by or under the supervision of Steve Lindsey, Vice President and General Manager of Chattanooga Gas Company and Michael J. Morley, Director, Regulatory Accounting and Reporting, AGL Services Company

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FG-15

State the effect that each of the applicable changes discussed in Item 14 has had or will have on the LDC's, its Parent's, Multi-State Utility's, or Affiliated Utility Service Company's, revenues, expenses, rate base, and capital structure, including the LDC's, its Parent's, Multi-State Utility's, or Affiliated Utility Service Company's, method of allocating each change among its regulated, unregulated, and jurisdictional operations.

Response

Quantification of any changes is included in TRA FG Item No. 14.

This response was prepared by or under the supervision of Michael J. Morley, Director, Regulatory Accounting and Reporting, AGL Services Company

Chattanooga Gas Company TRA FG Item No 21 7/13/2006 1 of 1

FG-21

Provide a detailed General Ledger for the latest <u>24 months for the LDC</u>, its Parent, Multi-State Utility, and Affiliated Utility Service Company.

Response:

Due to the paper volume of this request, this information is being submitted on CD.

Please see enclosed "TRA FG Item No. 21, CD 21-1" for detailed general ledgers in excel format for Chattanooga Gas Company (LDC) for the following periods:

January – December 2004 January – December 2005 January – March 2006

Please see enclosed TRA FG Item No. 21, CD 21-2 for detailed general ledgers in excel format for AGL Resources Inc. (parent) for the same periods and for AGL Services Company (affiliated utility service company). The Company is in the process of obtaining the AGSC general ledgers in excel or similar format ("Access Data Base") and will provide as soon as it is completed. For purposes of meeting the requirements of this filing guideline, the Company has included on the above CD the AGSC general ledgers in pdf format. This CD is marked confidential and is being filed under seal pending the issuance of a protective order in this docket. The Company filed a proposed protective order with its initial case filing.

This response was prepared by or under the supervision of Michael J. Morley, Director, Regulatory Accounting & Reporting, AGL Services Company.

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FG-25

Provide all detailed workpapers, cost studies, or other data supporting all proposed tariff changes, adjustments to revenues, expenses, rate base, and other changes included in the testimony and exhibits filed by the LDC. Provide computer files containing schedules for all computer-based calculations.

Response

Please see the following attached workpapers:

 CGC Schedule 25 and supporting schedules that provide the detailed calculations associated with CGC's cost of service. This is also provided on a CD

Refer to FG Item No. 55 for the class cost of service study and related workpapers.

Refer to TRA FG Item No. 69 for work papers supporting the Company's attrition period rate base.

The Company will provide other workpapers related to this question by July 14, 2006.

This response was prepared by or under the supervision of Michael J. Morley, Director, Regulatory Accounting and Reporting, AGL Services Company, and Philip Buchanan, Rates and Regulatory Consultant, AGL Services Company.

Addendum - July 14, 2006

Please see attached workpapers and schedules supporting the testimonies of Philip Buchanan and Daniel Nikolich. Due to the large size of the revenue model, it is only being provided in hard copy.

This response was prepared by or under the supervision of Philip Buchanan, Rates and Regulatory Consultant, AGL Services Company.

Month	Day		1976-77	1977-78	1978-79	Appendida e	1980-81
July	1	0.0	0.0	0.0	0.0	0.0	0.0
July	2	0.0	0.0	0.0	0.0	0.0	0.0
July	3	0.0	0.0	0.0	0.0	0.0	
July	4	0.0	0.0	0.0	0.0	0.0	0.0
July	5	0.0	0.0	0.0	0.0	0.0	0.0
July	6	0.0	0.0	0.0	0.0		0.0
July	7	0.0	0.0	0.0	0.0	0.0	0.0
July	8	0.0	0.0	0.0	0.0	0.0	0.0
July	9	0.0	0.0	0.0	0.0	0.0	0.0
July	10	0.0	0.0	0.0	0.0	0.0	0.0
July	11	0.0	0.0	0.0	0.0	0.0	0.0
July	12	0.0	0.0	0.0		0.0	0.0
July	13	0.0	0.0	0.0	0.0	0.0	0.0
July	14	0.0	0.0	0.0	0.0	0.0	0.0
July	15	0.0	0.0		0.0	0.0	0.0
July	16	0.0	0.0	0.0	0.0	0.0	0.0
July	17	0.0	0.0	0.0	0.0	0.0	0.0
July	18	0.0	0.0	0.0	0.0	0.0	0.0
July	19	0.0		0.0	0.0	0.0	0.0
July	20	0.0	0.0	0.0	0.0	0.0	0.0
July	21		0.0	0.0	0.0	0.0	0.0
July		0.0	0.0	0.0	0.0	0.0	0.0
July	22	0.0	0.0	0.0	0.0	0.0	0.0
	23	0.0	0.0	0.0	0.0	0.0	0.0
July	24	0.0	0.0	0.0	0.0	0.0	0.0
July	25	0.0	0.0	0.0	0.0	0.0	0.0
July	26	0.0	0.0	0.0	0.0	0.0	0.0
July	27	0.0	0.0	0.0	0.0	0.0	0.0
July	28	0.0	0.0	0.0	0.0	0.0	0.0
July	29	0.0	0.0	0.0	0.0	0.0	0.0
July	30	0.0	0.0	0.0	0.0	0.0	0.0
July	31	0.0	0.0	0.0	0.0	0.0	0.0
August	1	0.0	0.0	0.0	0.0	0.0	0.0
August	2	0.0	0.0	0.0	0.0	0.0	0.0
August	3	0.0	0.0	0.0	0.0	0.0	0.0
August	4	0.0	0.0	0.0	0.0	0.0	0.0
August	5	0.0	0.0	0.0	0.0	0.0	0.0
August	6	0.0	0.0	0.0	0.0	0.0	0.0
August	7	0.0	0.0	0.0	0.0	0.0	0.0
August	8	0.0	0.0	0.0	0.0	0.0	0.0
August	9	0.0	0.0	0.0	0.0	0.0	0.0
August	10	0.0	0.0	0.0	0.0	0.0	0.0
August	11	0.0	0.0	0.0	0.0	0.0	0.0
August	12	0.0	0.0	0.0	0.0	0.0	0.0
August	13	0.0	0.0	0.0	0.0	0.0	0.0
August	14	0.0	0.0	0.0	0.0	0.0	0.0
August	15	0.0	0.0	0.0	0.0	0.0	0.0
August	16	0.0	0.0	0.0	0.0	0.0	0.0
August	17	0.0	0.0	0.0	0.0	0.0	0.0

Month	Day		1976-77	1977-78	1978-79		1980-81
August	18	0.0	0.0	0.0	0.0	0.0	0.0
August	19	0.0	0.0	0.0	0.0	0.0	0.0
August	20	0.0	0.0	0.0	0.0	0.0	0.0
August	21	0.0	0.0	0.0	0.0	0.0	0.0
August	22	0.0	0.0	0.0	0.0	0.0	0.0
August	23	0.0	0.0	0.0	0.0	0.0	0.0
August	24	0.0	0.0	0.0	0.0	0.0	0.0
August	25	0.0	0.0	0.0	0.0	0.0	0.0
August	26	0.0	0.0	0.0	0.0	0.0	0.0
August	27	0.0	0.0	0.0	0.0	0.0	0.0
August	28	0.0	0.0	0.0	0.0	0.0	0.0
August	29	0.0	0.0	0.0	0.0	0.0	0.0
August	30	0.0	0.0	0.0	0.0	0.0	0.0
August	31	0.0	0.0	0.0	0.0	0.0	0.0
September	1	0.0	0.0	0.0	0.0	0.0	0.0
September	2	0.0	0.0	0.0	0.0	0.0	0.0
September	3	0.0	0.0	0.0	0.0	0.0	0.0
September	4	0.0	0.0	0.0	0.0	0.0	0.0
September	5	0.0	0.0	0.0	0.0	0.0	0.0
September	6	0.0	0.0	0.0	0.0	0.0	0.0
September	7	0.0	0.0	0.0	0.0	0.0	0.0
September	8	0.0	0.0	0.0	0.0	0.0	0.0
September	9	0.0	0.0	0.0	0.0	0.0	0.0
September	10	0.0	0.0	0.0	0.0	0.0	0.0
September	11	0.0	3.0	0.0	0.0	0.0	0.0
September	12	0.0	0.0	0.0	0.0	0.0	0.0
September	13	2.0	0.0	0.0	0.0	0.0	0.0
September	14	3.0	0.0	0.0	0.0	0.0	0.0
September	15	4.0	0.0	0.0	0.0	0.0	0.0
September	16	0.0	0.0	0.0	0.0	0.0	0.0
September	17	0.0	0.0	0.0	0.0	0.0	0.0
September	18	0.0	0.0	0.0	0.0	0.0	0.0
September	19	0.0	0.0	0.0	0.0	0.0	0.0
September	20	0.0	0.0	0.0	0.0	0.0	0.0
September	21	0.0	0.0	0.0	0.0	0.0	0.0
September	22	5.0	3.0	0.0	0.0	0.0	0.0
September	23	3.0	2.0	0.0	0.0	0.0	0.0
September	24	7.0	0.0	0.0	0.0	0.0	0.0
September	25	9.0	0.0	0.0	0.0	0.0	0.0
September	26	8.0	0.0	0.0	0.0	0.0	0.0
September	27	7.0	0.0	0.0	0.0	0.0	6.0
September	28	4.0	0.0	0.0	0.0	0.0	7.0
September	29	1.0	0.0	5.0	0.0	0.0	6.0
September	30	0.0	3.0	0.0	0.0	0.0	5.0
October	1	3.0	2.0	0.0	0.0	0.0	0.0
October	2	8.0	1.0	0.0	0.0	0.0	2.0
October	3	8.0	0.0	7.0	0.0	0.0	8.0

Month	Day		1976-77	1977-78	1978-79	rogay way sai	1980-81
October	4	7.0	0.0	9.0	0.0	7.0	17.0
October	5	5.0	0.0	6.0	4.0	10.0	12.0
October	6	1.0	0.0	4.0	7.0	8.0	13.0
October	7	1.0	3.0	4.0	11.0	7.0	10.0
October	8	0.0	4.0	1.0	13.0	0.0	3.0
October	9	0.0	10.0	7.0	11.0	1.0	0.0
October	10	0.0	11.0	12.0	9.0	12.0	0.0
October	11	0.0	8.0	8.0	0.0	6.0	1.0
October	12	0.0	5.0	13.0	0.0	0.0	10.0
October	13	0.0	2.0	18.0	0.0	11.0	15.0
October	14	0.0	3.0	15.0	12.0	15.0	11.0
October	15	0.0	3.0	8.0	16.0	11.0	8.0
October	16	0.0	4.0	15.0	10.0	7.0	5.0
October	17	3.0	7.0	17.0	12.0	2.0	0.0
October	18	15.0	12.0	10.0	15.0	0.0	0.0
October	19	17.0	13.0	12.0	10.0	0.0	2.0
October	20	14.0	10.0	13.0	8.0	0.0	13.0
October	21	10.0	16.0	9.0	4.0	0.0	10.0
October	22	8.0	16.0	8.0	2.0	0.0	8.0
October	23	4.0	12.0	6.0	0.0	10.0	5.0
October	24	2.0	9.0	5.0	7.0	13.0	8.0
October	25	1.0	7.0	5.0	9.0	14.0	16.0
October	26	7.0	17.0	3.0	0.0	13.0	17.0
October	27	6.0	18.0	5.0	6.0	9.0	7.0
October	28	1.0	23.0	1.0	6.0	5.0	5.0
October	29	0.0	22.0	2.0	8.0	6.0	11.0
October	30	13.0	14.0	3.0	6.0	0.0	14.0
October	31	18.0	17.0	7.0	6.0	0.0	15.0
November	1	15.0	19.0	6.0	4.0	4.0	11.0
November	2	9.0	19.0	5.0	4.0	10.0	8.0
November	3	8.0	16.0	0.0	7.0	15.0	4.0
November	4	3.0	21.0	0.0	9.0	18.0	5.0
November	5	3.0	27.0	0.0	10.0	15.0	13.0
November	6	4.0	23.0	0.0	7.0	13.0	16.0
November	7	0.0	17.0	1.0	13.0	16.0	7.0
November	8	0.0	29.0	0.0	14.0	15.0	0.0
November	9	6.0	20.0	2.0	13.0	12.0	1.0
November	10	6.0	10.0	13.0	10.0	12.0	5.0
November	11	10.0	22.0	20.0	8.0	17.0	13.0
November	12	12.0	25.0	25.0	4.0	14.0	16.0
November	13	26.0	28.0	27.0	5.0	18.0	15.0
November	14	29.0	30.0	20.0	2.0	24.0	7.0
November	15	26.0	23.0	19. 0	0.0	22.0	7.0
November	16	19.0	24.0	16.0	1.0	14.0	11.0
November	17	18.0	20.0	10.0	3.0	14.0	16.0
November	18	15.0	16.0	17.0	14.0	16.0	21.0
November	19	14.0	12.0	14.0	15.0	12.0	25.0

Month	Day	n System i	1976-77	1977-78	1978-79		1980-81
November	20	12.0	20.0	10.0	11.0	7.0	25.0
November	21	22.0	25.0	9.0	12.0	8.0	25.0
November	22	26.0	30.0	9.0	12.0	3.0	28.0
November	23	24.0	32.0	4.0	9.0	3.0	20.0
November	24	29.0	18.0	6.0	10.0	13.0	12.0
November	25	29.0	19.0	20.0	19.0	6.0	19.0
November	26	27.0	18.0	35.0	15.0	14.0	26.0
November	27	28.0	6.0	28.0	10.0	14.0	24.0
November	28	28.0	16.0	20.0	17.0	19.0	28.0
November	29	16.0	37.0	14.0	22.0	35.0	20.0
November	30	10.0	39.0	9.0	19.0	35.0	22.0
December	1	27.0	31.0	13.0	15.0	31.0	18.0
December	2	27.0	28.0	20.0	16.0	36.0	17.0
December	3	22.0	29.0	17.0	9.0	33.0	27.0
December	4	18.0	26.0	5.0	9.0	28.0	24.0
December	5	16.0	26.0	6.0	22.0	23.0	21.0
December	6	13.0	27.0	31.0	19.0	19.0	17.0
December	7	14.0	25.0	44.0	18.0	23.0	12.0
December	8	20.0	37.0	29.0	0.0	26.0	9.0
December	9	26.0	37.0	31.0	18.0	26.0	6.0
December	10	31.0	28.0	40.0	36.0	20.0	22.0
December	11	25.0	16.0	35.0	30.0	18.0	26.0
December	12	20.0	15.0	29.0	28.0	10.0	21.0
December	13	17.0	25.0	20.0	25.0	13.0	19.0
December	14	9.0	26.0	7.0	30.0	23.0	25.0
December	15	7.0	19.0	14.0	28.0	23.0	26.0
December	16	20.0	23.0	18.0	18.0	23.0	19.0
December	17	28.0	19.0	15.0	26.0	34.0	27.0
December	18	45.0	15.0	18.0	29.0	33.0	23.0
December	19	44.0	16.0	19.0	9.0	25.0	25.0
December	20	34.0	23.0	16.0	0.0	24.0	37.0
December	21	33.0	43.0	32.0	18.0	25.0	35.0
December	22	38.0	43.0	29.0	27.0	19.0	39.0
December	23	35.0	34.0	25.0	25.0	16.0	25.0
December	24	31.0	37.0	11.0	19.0	13.0	23.0
December	25	28.0	37.0	23.0	23.0	22.0	42.0
December	26	27.0	27.0	39.0	22.0	29.0	35.0
December	27	30.0	25.0	36.0	31.0	25.0	30.0
December	28	27.0	17.0	39.0	28.0	25.0	23.0
December	29	30.0	34.0	39.0	26.0	20.0	20.0
December	30	23.0	28.0	30.0	22.0	21.0	23.0
December	31	20.0	35.0	23.0	11.0	22.0	20.0
January	1	28.0	44.0	25.0	11.0	28.0	32.0
January	2	21.0	41.0	35.0	36.0	27.0	28.0
January	3	23.0	35.0	35.0	43.0	24.0	26.0
January	4	37.0	30.0	31.0	38.0	24.0	33.0
January	5	38.0	24.0	29.0	31.0	31.0	42.0

Month	Day		1976-77	1977-78	1978-79		1980-81
January	6	34.0	29.0	17.0	29.0	32.0	33.0
January	7	26.0	33.0	12.0	20.0	27.0	34.0
January	8	37.0	35.0	25.0	40.0	26.0	35.0
January	9	47.0	27.0	49.0	42.0	26.0	30.0
January	10	36.0	37.0	48.0	36.0	24.0	39.0
January	11	33.0	47.0	45.0	36.0	22.0	42.0
January	12	35.0	38.0	41.0	30.0	30.0	46.0
January	13	20.0	30.0	36.0	22.0	27.0	35.0
January	14	28.0	24.0	41.0	29.0	22.0	25.0
January	15	31.0	24.0	38.0	39.0	18.0	29.0
January	16	26.0	46.0	39.0	32.0	16.0	33.0
January	17	38.0	55.0	31.0	16.0	11.0	36.0
January	18	43.0	50.0	33.0	23.0	12.0	31.0
January	19	40.0	48.0	30.0	28.0	19.0	27.0
January	20	34.0	40.0	35.0	25.0	20.0	26.0
January	21	31.0	41.0	35.0	28.0	24.0	22.0
January	22	30.0	38.0	33.0	33.0	20.0	24.0
January	23	24.0	34.0	31.0	28.0	29.0	26.0
January	24	19.0	29.0	31.0	31.0	23.0	24.0
January	25	12.0	34.0	24.0	36.0	15.0	20.0
January	26	18.0	29.0	41.0	33.0	17.0	. 14.0
January	27	33.0	23.0	38.0	30.0	22.0	13.0
January	28	32.0	32.0	44.0	34.0	25.0	23.0
January	29	27.0	49.0	45.0	32.0	31.0	22.0
January	30	25.0	38.0	45.0	34.0	35.0	29.0
January	31	28.0	39.0	30.0	37.0	38.0	28.0
February	1	24.0	38.0	33.0	43.0	44.0	23.0
February	2	37.0	35.0	30.0	39.0	42.0	35.0
February	3	25.0	30.0	34.0	29.0	36.0	40.0
February	4	20.0	21.0	33.0	24.0	37.0	36.0
February	5	11.0	29.0	34.0	33.0	35.0	36.0
February	6	21.0	39.0	44.0	34.0	35.0	25.0
February	7	36.0	40.0	45.0	30.0	35.0	28.0
February	8	29.0	35.0	38.0	32.0	32.0	29.0
February	9	26.0	28.0	32.0	37.0	33.0	32.0
February	10	17.0	22.0	31.0	43.0	38.0	19.0
February	11	18.0	21.0	32.0	29.0	38.0	31.0
February	12	21.0	18.0	26.0	21.0	35.0	45.0
February	13	5.0	25.0	18.0	25.0	33.0	35.0
February	14	6.0	21.0	28.0	18.0	25.0	24.0
February	15	10.0	29.0	23.0	2.0	22.0	21.0
February	16	7.0	34.0	17.0	19.0	25.0	9.0
February	17	0.0	37.0	19.0	33.0	38.0	11.0
February	18	8.0	17.0	25.0	37.0	32.0	9.0
February	19	14.0	18.0	28.0	37.0	26.0	6.0
February	20	12.0	29.0	32.0	34.0	23.0	11.0
February	21	3.0	31.0	33.0	18.0	11.0	13.0

Month	Day		1976-77	1977-78	1978-79	ani yatada M	1980-81
February	22	20.0	19.0	36.0	14.0	1.0	10.0
February	23	25.0	8.0	29.0	4.0	3.0	
February	24	19.0	10.0	24.0	5.0	12.0	15.0
February	25	15.0	5.0	18.0	18.0	27.0	19.0
February	26	7.0	2.0	26.0	30.0		16.0
February	27	12.0	13.0	27.0	22.0	36.0	9.0
February	28	12.0	25.0	26.0		27.0	8.0
February	29	10.0	25.0	20.0	15.0	11.0	5.0
March	1	7.0	26.0	25.0	40.0	21.0	44.0
March	2	4.0	25.0	25.0 29.0	10.0	37.0	11.0
March	3	4.0	12.0		11.0	46.0	17.0
March	4	0.0	11.0	29.0	7.0	39.0	22.0
March	5	2.0	20.0	35.0	4.0	25.0	20.0
March	6	14.0	20.0	31.0	19.0	16.0	15.0
March	7	17.0		20.0	20.0	17.0	20.0
March	8	21.0	21.0	17.0	18.0	16.0	23.0
March	9	19.0	19.0	13.0	22.0	0.0	21.0
March	10		18.0	17.0	14.0	13.0	22.0
March	11	19.0	13.0	20.0	19.0	11.0	21.0
March	12	13.0	6.0	17.0	27.0	18.0	17.0
March	13	10.0	10.0	11.0	18.0	27.0	20.0
		17.0	11.0	8.0	13.0	22.0	17.0
March March	14	17.0	8.0	1.0	14.0	21.0	18.0
March	15 16	21.0	6.0	10.0	26.0	17.0	19.0
	16	19.0	11.0	22.0	22.0	12.0	22.0
March	17	24.0	13.0	26.0	17.0	12.0	17.0
March	18	16.0	0.0	25.0	10.0	20.0	20.0
March	19	6.0	11.0	10.0	6.0	19.0	27.0
March	20	5.0	8.0	7.0	2.0	15.0	21.0
March	21	6.0	12.0	5.0	0.0	14.0	20.0
March	22	13.0	19.0	10.0	2.0	17.0	22.0
March	23	15.0	18.0	6.0	0.0	14.0	22.0
March	24	11.0	16.0	4.0	18.0	6.0	19.0
March	25	4.0	7.0	4.0	28.0	11.0	16.0
March	26	6.0	7.0	20.0	20.0	16.0	12.0
March	27	7.0	2.0	23.0	16.0	13.0	7.0
March	28	9.0	0.0	10.0	5.0	12.0	6.0
March	29	0.0	0.0	5.0	0.0	5.0	0.0
March	30	0.0	0.0	6.0	1.0	4.0	0.0
March	31	14.0	3.0	1.0	1.0	11.0	1.0
April	1	17.0	9.0	0.0	0.0	10.0	2.0
April	2	13.0	0.0	0.0	2.0	6.0	5.0
April	3	5.0	3.0	0.0	2.0	3.0	3.0
April	4	4.0	2.0	0.0	2.0	10.0	0.0
April	5	10.0	16.0	0.0	7.0	15.0	6.0
April	6	8.0	18.0	0.0	10.0	13.0	14.0
April	7	9.0	7.0	0.0	9.0	6.0	9.0
April	8	6.0	5.0	0.0	5.0	0.0	5.0

Month
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April 25 2.0 11.0 6.0 1.0 0.0 8.0 April 26 16.0 15.0 11.0 1.0 3.0 0.0 April 27 12.0 9.0 9.0 5.0 9.0 0.0 April 28 8.0 4.0 8.0 10.0 10.0 0.0 April 29 8.0 0.0 2.0 11.0 12.0 0.0 April 30 3.0 1.0 5.0 8.0 9.0 0.0 April 30 3.0 1.0 5.0 8.0 9.0 0.0 May 1 2.0 0.0 5.0 6.0 8.0 9.0 0.0 May 1 2.0 0.0 5.0 6.0 8.0 3.0 0.0 May 3 8.0 0.0 13.0 0.0 4.0 7.0 0.0 6.0 8.0 8.0 May
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April 27 12.0 9.0 9.0 5.0 9.0 0.0 April 28 8.0 4.0 8.0 10.0 10.0 0.0 April 29 8.0 0.0 2.0 11.0 12.0 0.0 April 30 3.0 1.0 5.0 8.0 9.0 0.0 May 1 2.0 0.0 5.0 6.0 8.0 9.0 0.0 May 1 2.0 0.0 5.0 6.0 8.0 3.0 May 2 4.0 1.0 7.0 0.0 6.0 8.0 May 3 8.0 0.0 13.0 0.0 4.0 7.0 May 3 8.0 0.0 13.0 0.0 4.0 7.0 May 4 13.0 0.0 3.0 0.0 2.0 2.0 May 5 5.0 0.0 4.0 2.0 0.0
April 28 8.0 4.0 8.0 10.0 10.0 0.0 April 29 8.0 0.0 2.0 11.0 12.0 0.0 April 30 3.0 1.0 5.0 8.0 9.0 0.0 May 1 2.0 0.0 5.0 6.0 8.0 3.0 May 2 4.0 1.0 7.0 0.0 6.0 8.0 May 3 8.0 0.0 13.0 0.0 4.0 7.0 May 4 13.0 0.0 3.0 0.0 4.0 7.0 May 5 5.0 0.0 4.0 2.0 0.0 0.0 May 6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 May 7 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 May 9 7.0 4.0 0.0
April 29 8.0 0.0 2.0 11.0 12.0 0.0 April 30 3.0 1.0 5.0 8.0 9.0 0.0 May 1 2.0 0.0 5.0 6.0 8.0 3.0 May 2 4.0 1.0 7.0 0.0 6.0 8.0 May 3 8.0 0.0 13.0 0.0 4.0 7.0 May 4 13.0 0.0 3.0 0.0 4.0 7.0 May 5 5.0 0.0 4.0 2.0 0.0 0.0 May 6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 May 7 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 May 8 6.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 May 10 4.0
April 30 3.0 1.0 5.0 8.0 9.0 0.0 May 1 2.0 0.0 5.0 6.0 8.0 3.0 May 2 4.0 1.0 7.0 0.0 6.0 8.0 May 3 8.0 0.0 13.0 0.0 4.0 7.0 May 4 13.0 0.0 3.0 0.0 2.0 2.0 May 5 5.0 0.0 4.0 2.0 0.0 0.0 May 6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 May 7 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 May 8 6.0 0.0 0.0 0.0 0.0 3.0 0.0 May 9 7.0 4.0 0.0 0.0 7.0 1.0 May 10 4.0 8.0 0
May 1 2.0 0.0 5.0 6.0 8.0 3.0 May 2 4.0 1.0 7.0 0.0 6.0 8.0 May 3 8.0 0.0 13.0 0.0 4.0 7.0 May 4 13.0 0.0 3.0 0.0 2.0 2.0 May 5 5.0 0.0 4.0 2.0 0.0 0.0 May 6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 May 7 1.0 0.0 0.0 0.0 0.0 0.0 0.0 May 8 6.0 0.0 0.0 0.0 0.0 0.0 0.0 May 9 7.0 4.0 0.0 0.0 7.0 1.0 May 10 4.0 8.0 0.0 0.0 0.0 0.0 10.0 May 11 0.0 4.0 0.
May 2 4.0 1.0 7.0 0.0 6.0 8.0 May 3 8.0 0.0 13.0 0.0 4.0 7.0 May 4 13.0 0.0 3.0 0.0 2.0 2.0 May 5 5.0 0.0 4.0 2.0 0.0 0.0 May 6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 May 7 1.0 0.0 0.0 0.0 0.0 0.0 4.0 May 8 6.0 0.0 0.0 0.0 3.0 0.0 May 9 7.0 4.0 0.0 0.0 7.0 1.0 May 10 4.0 8.0 0.0 0.0 0.0 6.0 0.0 May 11 0.0 4.0 0.0 0.0 0.0 0.0 6.0 May 12 0.0 0.0 0.
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May 5 5.0 0.0 4.0 2.0 0.0 0.0 May 6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 May 7 1.0 0.0 0.0 0.0 0.0 0.0 4.0 May 8 6.0 0.0 0.0 0.0 3.0 0.0 May 9 7.0 4.0 0.0 0.0 7.0 1.0 May 10 4.0 8.0 0.0 0.0 6.0 0.0 May 11 0.0 4.0 0.0 0.0 0.0 10.0 May 12 0.0 0.0 0.0 0.0 0.0 6.0
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May 8 6.0 0.0 0.0 0.0 3.0 0.0 May 9 7.0 4.0 0.0 0.0 7.0 1.0 May 10 4.0 8.0 0.0 0.0 6.0 0.0 May 11 0.0 4.0 0.0 0.0 0.0 0.0 10.0 May 12 0.0 0.0 0.0 0.0 0.0 0.0 6.0 May 12 0.0 0.0 0.0 0.0 0.0 0.0 6.0
May 9 7.0 4.0 0.0 0.0 7.0 1.0 May 10 4.0 8.0 0.0 0.0 6.0 0.0 May 11 0.0 4.0 0.0 0.0 0.0 10.0 May 12 0.0 0.0 0.0 0.0 0.0 6.0 May 12 0.0 0.0 0.0 0.0 0.0 6.0
May 10 4.0 8.0 0.0 0.0 6.0 0.0 May 11 0.0 4.0 0.0 0.0 0.0 10.0 May 12 0.0 0.0 0.0 0.0 0.0 6.0
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May 25 4.0 0.0 0.0 11.0 0.0 0.0

Month	Day		1976-77	1977-78	1978-79	自然的 海井 医	1980-81
May	26	5.0	0.0	0.0	9.0	0.0	0.0
May	27	1.0	0.0	0.0	3.0	0.0	0.0
May	28	0.0	0.0	0.0	0.0	0.0	0.0
May	29	0.0	0.0	0.0	0.0	0.0	0.0
May	30	0.0	0.0	0.0	0.0	0.0	0.0
May	31	0.0	0.0	0.0	0.0	0.0	0.0
June	1	0.0	0.0	0.0	0.0	0.0	0.0
June	2	0.0	0.0	0.0	0.0	0.0	0.0
June	3	0.0	0.0	0.0	0.0	0.0	0.0
June	4	0.0	0.0	0.0	0.0	0.0	0.0
June	5	0.0	0.0	0.0	0.0	0.0	0.0
June	6	2.0	0.0	0.0	0.0	0.0	0.0
June	7	0.0	0.0	0.0	0.0	0.0	0.0
June	8	0.0	0.0	0.0	0.0	0.0	0.0
June	9	0.0	0.0	0.0	0.0	0.0	0.0
June	10	0.0	0.0	0.0	0.0	0.0	0.0
June	11	0.0	0.0	0.0	0.0	0.0	0.0
June	12	0.0	0.0	0.0	0.0	0.0	0.0
June	13	0.0	0.0	0.0	0.0	0.0	0.0
June	14	0.0	0.0	0.0	0.0	0.0	0.0
June	15	0.0	0.0	0.0	0.0	0.0	0.0
June	16	0.0	0.0	0.0	0.0	0.0	0.0
June	17	0.0	0.0	0.0	0.0	0.0	0.0
June	18	0.0	0.0	0.0	0.0	0.0	0.0
June	19	0.0	0.0	0.0	0.0	0.0	0.0
June	20	0.0	0.0	0.0	0.0	0.0	0.0
June	21	0.0	0.0	0.0	0.0	0.0	0.0
June	22	0.0	0.0	0.0	0.0	0.0	0.0
June	23	0.0	0.0	0.0	0.0	0.0	0.0
June	24	0.0	0.0	0.0	0.0	0.0	0.0
June	25	0.0	0.0	0.0	0.0	0.0	0.0
June	26	0.0	0.0	0.0	0.0	0.0	0.0
June	27	0.0	0.0	0.0	0.0	0.0	0.0
June	28	0.0	0.0	0.0	0.0	0.0	0.0
June	29	0.0	0.0	0.0	0.0	0.0	0.0
June	30	0.0	0.0	0.0	0.0	0.0	0.0
ANNUAL TO	IAL	3,477.0	4,075.0	3,884.0	3,399.0	3,670.0	3,629.0

Month	Day	1976-77	1977-78	1978-79		1980-81
TOTAL SUMMA	RIES	,				
		1976-77	1977-78	1978-79		1980-81
July	0.0	0.0	0.0	0.0	0.0	0.0
August	0.0	0.0	0.0	0.0	0.0	0.0
September	53.0	11.0	5.0	0.0	0.0	24.0
October	152.0	269.0	233.0	192.0	167.0	246.0
November	474.0	661.0	359.0	299.0	438.0	450.0
December	785.0	851.0	753.0	637.0	728.0	736.0
January	934.0	1,123.0	1,072.0	962.0	745.0	907.0
February	470.0	679.0	821.0	725.0	813.0	600.0
March	340.0	353.0	467.0	390.0	526.0	515.0
April	180.0	111.0	114.0	152.0	215.0	70.0
May	87.0	17.0	60.0	42.0	38.0	81.0
June	2.0	0.0	0.0	0.0	0.0	0.0
Annual	3,477.0	4,075.0	3,884.0	3,399.0	3,670.0	3,629.0

Month	Day	1981-82	1982-83	and the second	1984-85	1985-86	1986-87
July	1	0.0	0.0	0.0	0.0	0.0	0.0
July	2	0.0	0.0	0.0	0.0	0.0	0.0
July	3	0.0	0.0	0.0	0.0	0.0	0.0
July	4	0.0	0.0	0.0	0.0	0.0	0.0
July	5	0.0	0.0	0.0	0.0	0.0	0.0
July	6	0.0	0.0	0.0	0.0	0.0	0.0
July	7	0.0	0.0	0.0	0.0	0.0	0.0
July	8	0.0	0.0	0.0	0.0	0.0	0.0
July	9	0.0	0.0	0.0	0.0	0.0	0.0
July	10	0.0	0.0	0.0	0.0	0.0	0.0
July	11	0.0	0.0	0.0	0.0	0.0	0.0
July	12	0.0	0.0	0.0	0.0	0.0	0.0
July	13	0.0	0.0	0.0	0.0	0.0	0.0
July	14	0.0	0.0	0.0	0.0	0.0	0.0
July	15	0.0	0.0	0.0	0.0	0.0	0.0
July	16	0.0	0.0	0.0	0.0	0.0	
July	17	0.0	0.0	0.0	0.0	0.0	0.0
July	18	0.0	0.0	0.0	0.0	0.0	0.0
July	19	0.0	0.0	0.0	0.0	0.0	0.0
July	20	0.0	0.0	0.0	0.0	0.0	0.0
July	21	0.0	0.0	0.0	0.0	0.0	0.0
July	22	0.0	0.0	0.0	0.0		0.0
July	23	0.0	0.0	0.0	0.0	0.0	0.0
July	24	0.0	0.0	0.0	0.0	0.0	0.0
July	25	0.0	0.0	0.0	0.0	0.0	0.0
July	26	0.0	0.0	0.0		0.0	0.0
July	27	0.0	0.0	0.0	0.0	0.0	0.0
July	28	0.0	0.0	0.0	0.0	0.0	0.0
July	29	0.0	0.0	0.0	0.0	0.0	0.0
July	30	0.0	0.0	0.0	0.0 0.0	0.0	0.0
July	31	0.0	0.0	0.0	0.0	0.0	0.0
August	1	0.0	0.0	0.0		0.0	0.0
August	2	0.0	0.0	0.0	0.0	0.0	0.0
August	3	0.0	0.0	0.0	0.0	0.0	0.0
August	4	0.0	0.0	0.0	0.0	0.0	0.0
August	5	0.0	0.0	0.0	0.0	0.0	0.0
August	6	0.0	0.0	0.0	0.0	0.0	0.0
August	7	0.0	0.0		0.0	0.0	0.0
August	8	0.0	0.0	0.0	0.0	0.0	0.0
August	9	0.0	0.0	0.0	0.0	0.0	0.0
August	10	0.0	0.0	0.0	0.0	0.0	0.0
August	11	0.0	0.0	0.0	0.0	0.0	0.0
August	12	0.0	0.0	0.0	0.0	0.0	0.0
August	13	0.0	0.0	0.0	0.0	0.0	0.0
August	14	0.0	0.0	0.0	0.0	0.0	0.0
August	15	0.0	0.0	0.0 0.0	0.0	0.0	0.0
August	16	0.0	0.0	0.0	0.0	0.0	0.0
August	17	0.0	0.0	0.0	0.0 0.0	0.0	0.0
	. ,	0.0	0.0	0.0	0.0	0.0	0.0

Month	Day	1981-82	1982-83	aggly olasti I	1984-85	1985-86	1986-87
August	18	0.0	0.0	0.0	0.0	0.0	0.0
August	19	0.0	0.0	0.0	0.0	0.0	0.0
August	20	0.0	0.0	0.0	0.0	0.0	0.0
August	21	0.0	0.0	0.0	0.0	0.0	
August	22	0.0	0.0	0.0	0.0	0.0	0.0
August	23	0.0	0.0	0.0	0.0	0.0	0.0
August	24	0.0	0.0	0.0	0.0	0.0	0.0
August	25	0.0	0.0	0.0	0.0	0.0	0.0
August	26	0.0	0.0	0.0	0.0	0.0	0.0
August	27	0.0	0.0	0.0	0.0	0.0	0.0 0.0
August	28	0.0	0.0	0.0	0.0	0.0	
August	29	0.0	0.0	0.0	0.0	0.0	0.0 0.0
August	30	0.0	0.0	0.0	0.0	0.0	0.0
August	31	0.0	0.0	0.0	0.0	0.0	1.0
September	1	0.0	0.0	0.0	0.0	0.0	
September	2	0.0	0.0	0.0	0.0	0.0	0.0
September	3	0.0	0.0	0.0	0.0	0.0	0.0
September	4	0.0	0.0	0.0	0.0	0.0	0.0
September	5	0.0	0.0	0.0	0.0	0.0	0.0
September	6	0.0	0.0	0.0	0.0	0.0	0.0
September	7	0.0	0.0	0.0	0.0	0.0	0.0
September	8	0.0	0.0	0.0	0.0	0.0	0.0
September	9	0.0	0.0	0.0	0.0	0.0	0.0
September	10	0.0	0.0	0.0	0.0	0.0	0.0
September	11	0.0	0.0	0.0	0.0	0.0	0.0
September	12	0.0	0.0	0.0	0.0	0.0	0.0
September	13	0.0	0.0	0.0	0.0	0.0	0.0
September	14	0.0	0.0	0.0	0.0	5.0	0.0 0.0
September	15	0.0	0.0	0.0	0.0	5.0	0.0
September	16	0.0	0.0	0.0	1.0	1.0	0.0
September	17	3.0	0.0	0.0	3.0	0.0	0.0
September	18	11.0	0.0	0.0	1.0	0.0	0.0
September	19	9.0	0.0	0.0	2.0	0.0	0.0
September	20	5.0	0.0	0.0	0.0	0.0	0.0
September	21	2.0	3.0	5.0	0.0	0.0	0.0
September	22	0.0	7.0	9.0	0.0	0.0	0.0
September	23	0.0	8.0	8.0	0.0	0.0	0.0
September	24	1.0	4.0	8.0	0.0	0.0	0.0
September	25	0.0	4.0	7.0	0.0	0.0	0.0
September	26	0.0	1.0	0.0	0.0	1.0	0.0
September	27	0.0	2.0	1.0	0.0	7.0	0.0
September	28	0.0	0.0	0.0	3.0	8.0	0.0
September	29	0.0	0.0	0.0	7.0	5.0	0.0
September	30	0.0	0.0	0.0	10.0	0.0	0.0
October	1	0.0	0.0	0.0	12.0	5.0	0.0
October	2	9.0	0.0	0.0	13.0	10.0	0.0
October	3	9.0	0.0	0.0	8.0	2.0	0.0

Month	Day	1981-82	1982-83	gar ang a	1984-85	1985-86	1986-87
October	4	6.0	0.0	0.0	3.0	0.0	0.0
October	5	0.0	0.0	0.0	0.0	8.0	0.0
October	6	0.0	0.0	0.0	0.0	13.0	2.0
October	7	3.0	0.0	2.0	0.0	10.0	5.0
October	8	7.0	0.0	3.0	0.0	6.0	1.0
October	9	11.0	0.0	1.0	3.0	0.0	0.0
October	10	6.0	0.0	3.0	0.0	0.0	2.0
October	11	3.0	0.0	5.0	0.0	0.0	2.0
October	12	3.0	4.0	0.0	0.0	0.0	4.0
October	13	4.0	5.0	9.0	0.0	0.0	0.0
October	14	8.0	8.0	13.0	0.0	0.0	6.0
October	15	1.0	8.0	9.0	0.0	0.0	12.0
October	16	0.0	9.0	5.0	0.0	0.0	12.0
October	17	0.0	15.0	1.0	0.0	0.0	10.0
October	18	3.0	10.0	0.0	0.0	0.0	8.0
October	19	15.0	9.0	0.0	0.0	0.0	8.0
October	20	15.0	6.0	0.0	0.0	0.0	7.0
October	21	10.0	10.0	1.0	0.0	0.0	9.0
October	22	9.0	13.0	8.0	0.0	0.0	11.0
October	23	14.0	14.0	8.0	0.0	0.0	7.0
October	24	19.0	17.0	9.0	0.0	0.0	3.0
October	25	17.0	15.0	8.0	0.0	0.0	3.0
October	26	9.0	17.0	12.0	0.0	0.0	3.0
October	27	8.0	14.0	13.0	1.0	3.0	6.0
October	28	6.0	12.0	10.0	0.0	0.0	8.0
October	29	3.0	10.0	8.0	0.0	1.0	7.0
October	30	7.0	4.0	7.0	0.0	6.0	6.0
October	31	6.0	2.0	11.0	0.0	3.0	6.0
November	1	3.0	0.0	7.0	2.0	0.0	2.0
November	2	2.0	0.0	6.0	6.0	5.0	3.0
November	3	2.0	6.0	3.0	9.0	11.0	6.0
November	4	0.0	21.0	13.0	12.0	17.0	1.0
November	5	4.0	27.0	20.0	7.0	17.0	2.0
November	6	9.0	25.0	20.0	18.0	13.0	3.0
November	7	14.0	19.0	15.0	21.0	18.0	3.0
November	8	16.0	16.0	11.0	19.0	19.0	0.0
November	9	12.0	14.0	9.0	14.0	14.0	3.0
November	10	12.0	12.0	13.0	12.0	8.0	8.0
November	11	15.0	11.0	24.0	21.0	3.0	9.0
November	12	14.0	10.0	25.0	25.0	1.0	13.0
November	13	18.0	26.0	21.0	25.0	2.0	29.0
November	14	16.0	26.0	27.0	21.0	1.0	29.0
November	15	15.0	25.0	12.0	17.0	0.0	24.0
November	16	13.0	24.0	21.0	21.0	0.0	14.0
November	17	13.0	18.0	20.0	25.0	2.0	2.0
November	18	15.0	14.0	18.0	15.0	0.0	2.0
November	19	10.0	9.0	9.0	12.0	0.0	16.0

Month	Day	1981-82	1982-83		1984-85	1985-86	1986-87
November	20	17.0	6.0	14.0	26.0	2.0	14.0
November	21	29.0	5.0	17.0	27.0	11.0	21.0
November	22	28.0	0.0	13.0	26.0	11.0	21.0
November	23	25.0	1.0	7.0	25.0	13.0	13.0
November	24	19.0	15.0	16.0	23.0	14.0	8.0
November	25	20.0	21.0	23.0	19.0	6.0	5.0
November	26	16.0	14.0	21.0	19.0	0.0	8.0
November	27	6.0	14.0	16.0	6.0	0.0	14.0
November	28	17.0	10.0	14.0	25.0	0.0	13.0
November	29	22.0	13.0	26.0	27.0	6.0	11.0
November	30	20.0	16.0	26.0	25.0	4.0	9.0
December	1	16.0	5.0	21.0	22.0	12.0	17.0
December	2	21.0	0.0	23.0	23.0	29.0	19.0
December	3	21.0	0.0	13.0	20.0	34.0	24.0
December	4	21.0	0.0	11.0	31.0	28.0	25.0
December	5	25.0	9.0	13.0	28.0	25.0	27.0
December	6	28.0	17.0	16.0	37.0	29.0	27.0
December	7	21.0	16.0	29.0	40.0	27.0	27.0
December	8	16.0	17.0	26.0	28.0	22.0	17.0
December	9	31.0	23.0	23.0	22.0	14.0	7.0
December	10	34.0	26.0	9.0	14.0	13.0	15.0
December	11	32.0	22.0	10.0	19.0	11.0	21.0
December	12	27.0	33.0	16.0	17.0	10.0	26.0
December	13	31.0	32.0	20.0	8.0	21.0	32.0
December	14	24.0	25.0	19.0	7.0	39.0	33.0
December	15	25.0	17.0	24.0	10.0	37.0	21.0
December	16	31.0	21.0	32.0	9.0	30.0	17.0
December	17	24.0	30.0	28.0	5.0	27.0	15.0
December	18	40.0	28.0	27.0	7.0	34.0	20.0
December	19	42.0	20.0	31.0	4.0	39.0	24.0
December	20	43.0	22.0	29.0	6.0	35.0	22.0
December	21	40.0	24.0	21.0	3.0	39.0	26.0
December	22	19.0	28.0	29.0	15.0	31.0	27.0
December	23	15.0	12.0	34.0	19.0	16.0	28.0
December	24	25.0	10.0	52.0	18.0	26.0	18.0
December	25	24.0	1.0	58.0	19.0	44.0	23.0
December	26	23.0	5.0	52.0	23.0	43.0	26.0
December	27	18.0	2.0	38.0	11.0	29.0	24.0
December	28	26.0	8.0	27.0	9.0	30.0	26.0
December	29	27.0	25.0	42.0	9.0	32.0	29.0
December	30	27.0	29.0	49.0	2.0	33.0	31.0
December	31	26.0	21.0	41.0	3.0	30.0	28.0
January	1	22.0	22.0	36.0	8.0	28.0	23.0
January	2	22.0	24.0	33.0	22.0	25.0	31.0
January	3	14.0	27.0	30.0	23.0	19.0	32.0
January	4	16.0	26.0	31.0	29.0	21.0	25.0
January	5	28.0	27.0	23.0	36.0	31.0	24.0

Month	Day	1981-82	1982-83	og ধ jóss 🤞	1984-85	1985-86	1986-87
January	6	13.0	21.0	19.0	31.0	35.0	24.0
January	7	15.0	20.0	26.0	24.0	26.0	20.0
January	8	33.0	28.0	22.0	26.0	37.0	24.0
Jan uary	9	33.0	17.0	20.0	26.0	35.0	21.0
January	10	53.0	19.0	27.0	26.0	18.0	22.0
January	11	53.0	22.0	36.0	31.0	26.0	31.0
January	12	47.0	34.0	31.0	37.0	22.0	25.0
January	13	35.0	30.0	28.0	37.0	31.0	19.0
January	14	40.0	22.0	27.0	29.0	26.0	18.0
January	15	36.0	26.0	32.0	37.0	26.0	15.0
January	16	40.0	31.0	28.0	34.0	21.0	14.0
January	17	55.0	31.0	25.0	29.0	15.0	16.0
January	18	41.0	37.0	31.0	25.0	14.0	20.0
January	19	24.0	37.0	44.0	25.0	18.0	22.0
January	20	20.0	35.0	43.0	55.0	22.0	29.0
January	21	7.0	30.0	46.0	61.0	18.0	30.0
January	22	16.0	24.0	40.0	46.0	19.0	30.0
January	23	17.0	26.0	36.0	37.0	21.0	38.0
January	24	30.0	28.0	25.0	31.0	27.0	31.0
January	25	24.0	27.0	24.0	32.0	27.0	27.0
January	26	40.0	27.0	27.0	44.0	33.0	40.0
January	27	33.0	24.0	20.0	38.0	51.0	43.0
January	28	28.0	24.0	25.0	32.0	45.0	31.0
January	29	24.0	23.0	21.0	33.0	27.0	27.0
January	30	14.0	18.0	23.0	27.0	30.0	14.0
January	31	17.0	20.0	31.0	19.0	24.0	23.0
February	1	27.0	17.0	28.0	27.0	20.0	22.0
February	2	27.0	14.0	23.0	35.0	12.0	19.0
February	3	18.0	29.0	23.0	39.0	7.0	18.0
February	4	25.0	30.0	23.0	26.0	7.0	20.0
February	5	19.0	32.0	35.0	26.0	6.0	14.0
February	6	29.0	30.0	43.0	32.0	10.0	16.0
February	7	35.0	33.0	40.0	35.0	18.0	15.0
February	8	30.0	32.0	33.0	39.0	15.0	20.0
February	9	23.0	27.0	25.0	32.0	17.0	31.0
February	10	33.0	24.0	22.0	23.0	21.0	27.0
February	11	23.0	21.0	10.0	25.0	33.0	22.0
February	12	30.0	24.0	12.0	37.0	37.0	5.0
February	13	28.0	25.0	12.0	35.0	40.0	15.0
February	14	25.0	17.0	16.0	33.0	31.0	24.0
February	15	21.0	22.0	17.0	38.0	28.0	16.0
February	16	7.0	23.0	13.0	33.0	20.0	22.0
February	17	8.0	15.0	12.0	22.0	9.0	27.0
February	18	10.0	17.0	14.0	22.0	7.0	26.0
February	19	17.0	18.0	8.0	20.0	3.0	23.0
February	20	16.0	16.0	18.0	18.0	5.0	26.0
February	21	12.0	14.0	19.0	20.0	8.0	17.0

Month	Day	1981-82	1982-83	Makeyalika da T	1984-85	1985-86	1986-87
February	22	20.0	15.0	24.0	7.0	20.0	22.0
February	23	11.0	9.0	14.0	7.0	21.0	19.0
February	24	2.0	14.0	17.0	2.0	21.0	22.0
February	25	20.0	27.0	22.0	9.0	24.0	14.0
February	26	30.0	28.0	23.0	7.0	13.0	20.0
February	27	28.0	26.0	17.0	17.0	14.0	23.0
February	28	23.0	17.0	30.0	21.0	30.0	17.0
February	29		11.10	33.0	21.0	50.0	17.0
March	1	19.0	10.0	31.0	19.0	32.0	16.0
March	2	17.0	11.0	20.0	14.0	28.0	16.0
March	3	13.0	7.0	19.0	14.0	18.0	16.0
March	4	8.0	1.0	15.0	0.0	28.0	16.0
March	5	13.0	0.0	13.0	14.0	18.0	18.0
March	6	22.0	1.0	26.0	18.0	17.0	15.0
March	7	29.0	4.0	25.0	17.0	22.0	11.0
March	8	28.0	6.0	21.0	7.0	22.0	13.0
March	9	18.0	21.0	33.0	11.0	16.0	10.0
March	10	14.0	29.0	32.0	17.0	6.0	23.0
March	11	11.0	28.0	29.0	2.0	0.0	28.0
March	12	5.0	29.0	22.0	6.0	0.0	22.0
March	13	9.0	20.0	13.0	13.0	4.0	22.0
March	14	15.0	8.0	12.0	15.0	9.0	18.0
March	15	11.0	6.0	7.0	19.0	8.0	15.0
March	16	5.0	5.0	1.0	17.0	9.0	4.0
March	17	0.0	9.0	12.0	14.0	11.0	7.0
March	18	0.0	12.0	1.0	23.0	4.0	14.0
March	19	0.0	7.0	0.0	19.0	4.0	9.0
March	20	0.0	18.0	12.0	15.0	23.0	8.0
March	21	5.0	21.0	24.0	13.0	31.0	11.0
March	22	12.0	25.0	19.0	19.0	27.0	10.0
March	23	14.0	23.0	13.0	12.0	18.0	9.0
March	24	7.0	25.0	12.0	14.0	9.0	7.0
March	25	6.0	23.0	12.0	19.0	8.0	0.0
March	26	23.0	22.0	13.0	15.0	7.0	4.0
March	27	25.0	6.0	11.0	10.0	6.0	4.0
March	28	21.0	20.0	7.0	0.0	8.0	2.0
March	29	17.0	18.0	18.0	0.0	6.0	7.0
March	30	4.0	17.0	19.0	0.0	1.0	14.0
March	31	0.0	15.0	23.0	5.0	2.0	30.0
April	1	4.0	12.0	15.0	16.0	0.0	22.0
April	2	10.0	13.0	14.0	19.0	0.0	21.0
April	3	3.0	18.0	10.0	10.0	0.0	28.0
April	4	8.0	13.0	6.0	0.0	0.0	27.0
April	5	13.0	11.0	16.0	3.0	0.0	21.0
April	6	22.0	4.0	13.0	12.0	0.0	20.0
April	7	25.0	1.0	9.0	12.0	0.0	17.0
April	8	21.0	1.0	5.0	19.0	0.0	12.0
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Month	Day	1981-82	1982-83		1984-85	1985-86	1986-87
April	9	18.0	5.0	10.0	21.0	14.0	8.0
April	10	20.0	16.0	8.0	18.0	14.0	8.0
April	11	15.0	14.0	9.0	9.0	9.0	3.0
April	12	8.0	7.0	6.0	3.0	7.0	0.0
April	13	3.0	1.0	0.0	1.0	2.0	0.0
April	14	0.0	4.0	3.0	6.0	2.0	0.0
April	15	0.0	15.0	13.0	5.0	4.0	10.0
April	16	0.0	17.0	14.0	3.0	15.0	10.0
April	17	6.0	16.0	16.0	0.0	16.0	8.0
April	18	9.0	24.0	13.0	0.0	8.0	6.0
April	19	9.0	26.0	18.0	0.0	3.0	1.0
April	20	4.0	23.0	16.0	0.0	2.0	0.0
April	21	8.0	17.0	4.0	0.0	10.0	0.0
April	22	10.0	16.0	2.0	0.0	16.0	0.0
April	23	14.0	13.0	14.0	0.0	15.0	0.0
April April	24 25	12.0	10.0	6.0	0.0	9.0	3.0
April	25 26	10.0	9.0	2.0	1.0	0.0	3.0
April	20 27	0.0	8.0	0.0	0.0	0.0	2.0
April	28	3.0 6.0	4.0	0.0	0.0	0.0	0.0
April	29	8.0	3.0	0.0	0.0	1.0	4.0
April	30	6.0	0.0	2.0	0.0	1.0	4.0
May	1	5.0	0.0	2.0	0.0	0.0	0.0
May	2	2.0	0.0 0.0	6.0	3.0	0.0	0.0
May	3	1.0	2.0	8.0	0.0	3.0	0.0
May	4	1.0	6.0	0.0 3.0	2.0	6.0	0.0
May	5	0.0	4.0	6.0	4.0	5.0	0.0
May	6	0.0	3.0	0.0	2.0 0.0	0.0	0.0
May	7	0.0	0.0	0.0	0.0	0.0 0.0	0.0
May	8	2.0	4.0	10.0	5.0	0.0	0.0
May	9	2.0	6.0	12.0	4.0	0.0	0.0
May	10	0.0	0.0	8.0	0.0	0.0	0.0 0.0
May	11	0.0	0.0	1.0	0.0	0.0	0.0
May	12	0.0	0.0	0.0	0.0	0.0	0.0
May	13	0.0	0.0	0.0	0.0	0.0	0.0
May	14	0.0	0.0	0.0	0.0	0.0	0.0
May	15	0.0	0.0	5.0	0.0	0.0	0.0
May	16	0.0	5.0	8.0	0.0	0.0	0.0
May	17	0.0	3.0	5.0	2.0	0.0	0.0
May	18	0.0	4.0	2.0	2.0	0.0	0.0
May	19	0.0	0.0	0.0	3.0	0.0	0.0
May	20	0.0	0.0	0.0	0.0	0.0	0.0
May	21	0.0	0.0	0.0	0.0	5.0	0.0
May	22	0.0	0.0	0.0	0.0	4.0	0.0
May	23	0.0	0.0	0.0	0.0	0.0	0.0
May	24	0.0	0.0	0.0	0.0	0.0	0.0
May	25	0.0	0.0	0.0	1.0	0.0	0.0

Month	Day	1981-82	1982-83		1984-85	1985-86	1986-87
May	26	0.0	0.0	0.0	0.0	0.0	0.0
May	27	0.0	3.0	0.0	0.0	0.0	0.0
May	28	0.0	0.0	0.0	0.0	0.0	0.0
May	29	0.0	0.0	8.0	0.0	0.0	0.0
May	30	0.0	0.0	11.0	0.0	0.0	0.0
May	31	0.0	2.0	7.0	0.0	0.0	0.0
June	1	0.0	0.0	2.0	0.0	0.0	0.0
June	2	0.0	0.0	0.0	0.0	0.0	0.0
June	3	0.0	0.0	0.0	0.0	0.0	0.0
June	4	0.0	0.0	0.0	0.0	0.0	0.0
June	5	0.0	0.0	0.0	0.0	0.0	0.0
June	6	0.0	0.0	0.0	0.0	0.0	0.0
June	7	0.0	0.0	0.0	0.0	0.0	0.0
June	8	0.0	0.0	0.0	0.0	0.0	0.0
June	9	0.0	0.0	0.0	0.0	0.0	0.0
June	10	0.0	0.0	0.0	0.0	0.0	0.0
June	11	0.0	0.0	0.0	0.0	0.0	0.0
June	12	0.0	0.0	0.0	0.0	0.0	0.0
June	13	0.0	0.0	0.0	3.0	0.0	0.0
June	14	0.0	0.0	0.0	1.0	0.0	0.0
June	15	0.0	0.0	0.0	0.0	0.0	0.0
June	16	0.0	0.0	0.0	0.0	0.0	0.0
June	17	0.0	0.0	0.0	0.0	0.0	0.0
June	18	0.0	0.0	0.0	0.0	0.0	0.0
June	19	0.0	0.0	0.0	0.0	0.0	0.0
June	20	0.0	0.0	0.0	0.0	0.0	0.0
June	21	0.0	0.0	0.0	0.0	0.0	0.0
June	22	0.0	0.0	0.0	0.0	0.0	0.0
June	23	0.0	0.0	0.0	0.0	0.0	0.0
June	24	0.0	0.0	0.0	0.0	0.0	0.0
June	25	0.0	0.0	0.0	0.0	0.0	0.0
June	26	0.0	0.0	0.0	0.0	0.0	0.0
June	27	0.0	0.0	0.0	0.0	0.0	0.0
June	28	0.0	0.0	0.0	0.0	0.0	0.0
June	29	0.0	0.0	0.0	0.0	0.0	0.0
June	30	0.0	0.0	0.0	0.0	0.0	0.0
ANNUAL TO	ſAL_	3,633.0	3,410.0	3,933.0	3,353.0	3,054.0	3,165.0

Month Da	ıy 1981-82	1982-83	(1) 特别 (1) (1)	1984-85	1985-86	1986-87
TOTAL SUMMARI	- e					
TOTAL SUIVINIARII		4000 00		1001.00	1005 00	4000
	1981-82	1982-83		1984-85	1985-86	1986-87
July	0.0	0.0	0.0	0.0	0.0	0.0
August	0.0	0.0	0.0	0.0	0.0	1.0
September	31.0	29.0	38.0	27.0	32.0	0.0
October	211.0	202.0	146.0	40.0	67.0	148.0
November	422.0	418.0	487.0	550.0	198.0	306.0
December	823.0	528.0	863.0	488.0	869.0	722.0
January	890.0	807.0	910.0	990.0	818.0	789.0
February	597.0	616.0	626.0	687.0	497.0	562.0
March	371.0	447.0	515.0	381.0	402.0	399.0
April	275.0	321.0	246.0	158.0	148.0	238.0
May	13.0	42.0	100.0	28.0	23.0	0.0
June	0.0	0.0	2.0	4.0	0.0	0.0
Annual	3,633.0	3,410.0	3,933.0	3,353.0	3,054.0	3,165.0

Month	Day		1988-89	1989-90	1990-91	ka ji ba ca	1992-93
July	1	0.0	0.0	0.0	0.0	0.0	0.0
July	2	0.0	0.0	0.0	0.0	0.0	0.0
July	3	0.0	0.0	0.0	0.0	0.0	0.0
July	4	0.0	0.0	0.0	0.0	0.0	0.0
July	5	0.0	0.0	0.0	0.0	0.0	0.0
July	6	0.0	0.0	0.0	0.0	0.0	0.0
July	7	0.0	0.0	0.0	0.0	0.0	0.0
July	8	0.0	0.0	0.0	0.0	0.0	0.0
July	9	0.0	0.0	0.0	0.0	0.0	0.0
July	10	0.0	0.0	0.0	0.0	0.0	0.0
July	11	0.0	0.0	0.0	0.0	0.0	0.0
July	12	0.0	0.0	0.0	0.0	0.0	0.0
July	13	0.0	0.0	0.0	0.0	0.0	0.0
July	14	0.0	0.0	0.0	0.0	0.0	0.0
July	15	0.0	0.0	0.0	0.0	0.0	0.0
July	16	0.0	0.0	0.0	0.0	0.0	0.0
July	17	0.0	0.0	0.0	0.0	0.0	0.0
July	18	0.0	0.0	0.0	0.0	0.0	0.0
July	19	0.0	0.0	0.0	0.0	0.0	0.0
July	20	0.0	0.0	0.0	0.0	0.0	0.0
July	21	0.0	0.0	0.0	0.0	0.0	0.0
July	22	0.0	0.0	0.0	0.0	0.0	0.0
July	23	0.0	0.0	0.0	0.0	0.0	0.0
July	24	0.0	0.0	0.0	0.0	0.0	0.0
July	25	0.0	0.0	0.0	0.0	0.0	0.0
July	26	0.0	0.0	0.0	0.0	0.0	0.0
July	27	0.0	0.0	0.0	0.0	0.0	0.0
July	28	0.0	0.0	0.0	0.0	0.0	0.0
July	29	0.0	0.0	0.0	0.0	0.0	0.0
July	30	0.0	0.0	0.0	0.0	0.0	0.0
July	31	0.0	0.0	0.0	0.0	0.0	0.0
August	1	0.0	0.0	0.0	0.0	0.0	0.0
August	2	0.0	0.0	0.0	0.0	0.0	0.0
August	3	0.0	0.0	0.0	0.0	0.0	0.0
August	4	0.0	0.0	0.0	0.0	0.0	0.0
August	5	0.0	0.0	0.0	0.0	0.0	0.0
August	6	0.0	0.0	0.0	0.0	0.0	0.0
August	7	0.0	0.0	0.0	0.0	0.0	0.0
August	8	0.0	0.0	0.0	0.0	0.0	0.0
August	9	0.0	0.0	0.0	0.0	0.0	0.0
August	10	0.0	0.0	0.0	0.0	0.0	0.0
August	11	0.0	0.0	0.0	0.0	0.0	0.0
August	12	0.0	0.0	0.0	0.0	0.0	0.0
August	13	0.0	0.0	0.0	0.0	0.0	0.0
August	14	0.0	0.0	0.0	0.0	0.0	0.0
August	15	0.0	0.0	0.0	0.0	0.0	0.0
August	16	0.0	0.0	0.0	0.0	0.0	0.0
August	17	0.0	0.0	0.0	0.0	0.0	0.0

Month	Day		1988-89	1989-90	1990-91	Rich Hala	1992-93
August	18	0.0	0.0	0.0	0.0	0.0	
August	19	0.0	0.0	0.0	0.0	0.0	0.0
August	20	0.0	0.0	0.0	0.0	0.0	0.0
August	21	0.0	0.0	0.0	0.0	0.0	0.0
August	22	0.0	0.0	0.0	0.0	0.0	0.0
August	23	0.0	0.0	0.0	0.0	0.0	0.0
August	24	0.0	0.0	0.0	0.0	0.0	0.0
August	25	0.0	0.0	0.0	0.0	0.0	0.0
August	26	0.0	0.0	0.0	0.0	0.0	0.0
August	27	0.0	0.0	0.0	0.0	0.0	0.0
August	28	0.0	0.0	0.0	0.0	0.0	0.0
August	29	0.0	0.0	0.0	0.0	0.0	0.0
August	30	0.0	0.0	0.0	0.0	0.0	0.0 0.0
August	31	0.0	0.0	0.0	0.0	0.0	0.0
September	1	0.0	0.0	0.0	0.0	0.0	0.0
September	2	0.0	0.0	0.0	0.0	0.0	0.0
September	3	0.0	0.0	0.0	0.0	0.0	0.0
September	4	0.0	0.0	0.0	0.0	0.0	0.0
September	5	0.0	0.0	0.0	0.0	0.0	0.0
September	6	0.0	1.0	0.0	0.0	0.0	0.0
September	7	0.0	0.0	0.0	0.0	0.0	0.0
September	8	0.0	0.0	0.0	0.0	0.0	0.0
September	9	0.0	0.0	0.0	0.0	0.0	0.0
September	10	0.0	0.0	0.0	0.0	0.0	0.0
September	11	0.0	0.0	0.0	0.0	0.0	0.0
September	12	0.0	0.0	0.0	0.0	0.0	0.0
September	13	0.0	0.0	0.0	0.0	0.0	0.0
September	14	0.0	0.0	0.0	0.0	0.0	0.0
September	15	0.0	0.0	0.0	0.0	0.0	0.0
September	16	0.0	0.0	0.0	0.0	0.0	0.0
September	17	0.0	0.0	0.0	0.0	0.0	0.0
September	18	0.0	0.0	0.0	0.0	0.0	0.0
September	19	0.0	0.0	0.0	0.0	0.0	0.0
September	20	0.0	0.0	0.0	0.0	2.0	0.0
September	21	0.0	0.0	0.0	0.0	1.0	0.0
September	22	1.0	0.0	0.0	0.0	0.0	0.0
September	23	2.0	0.0	4.0	6.0	0.0	1.0
September	24	1.0	0.0	10.0	8.0	0.0	0.0
September	25	0.0	0.0	7.0	5.0	4.0	0.0
September	26	0.0	0.0	0.0	0.0	4.0	0.0
September	27	0.0	0.0	0.0	0.0	4.0	0.0
September	28	0.0	0.0	6.0	0.0	2.0	0.0
September	29	0.0	0.0	2.0	0.0	0.0	2.0
September	30	0.0	0.0	0.0	0.0	0.0	5.0
October	1	5.0	0.0	0.0	0.0	0.0	6.0
October	2	3.0	0.0	0.0	0.0	0.0	6.0
October	3	14.0	0.0	0.0	0.0	0.0	8.0

Month	Day		1988-89	1989-90	1990-91		1992-93
October	4	13.0	4.0	3.0	0.0	0.0	5.0
October	5	8.0	11.0	3.0	0.0	0.0	2.0
October	6	2.0	9.0	0.0	0.0	13.0	6.0
October	7	12.0	11.0	1.0	0.0	15.0	9.0
October	8	16.0	12.0	9.0	0.0	12.0	2.0
October	9	11.0	11.0	12.0	0.0	9.0	7.0
October	10	6.0	8.0	8.0	2.0	7.0	9.0
October	11	5.0	5.0	3.0	7.0	5.0	10.0
October	12	12.0	15.0	0.0	0.0	5.0	12.0
October	13	13.0	18.0	0.0	0.0	10.0	5.0
October	14	14.0	16.0	0.0	2.0	7.0	1.0
October	15	11.0	10.0	0.0	0.0	5.0	1.0
October	16	9.0	8.0	0.0	0.0	11.0	5.0
October	17	7.0	0.0	0.0	0.0	12.0	11.0
October	18	6.0	2.0	7.0	6.0	8.0	12.0
October	19	6.0	10.0	22.0	12.0	5.0	19.0
October	20	8.0	15.0	22.0	10.0	7.0	16.0
October	21	21.0	12.0	16.0	4.0	4.0	5.0
October	22	20.0	15.0	7.0	2.0	0.0	2.0
October	23	13.0	12.0	4.0	5.0	1.0	5.0
October	24	7.0	12.0	7.0	10.0	0.0	3.0
October	25	3.0	12.0	6.0	16.0	0.0	6.0
October	26	8.0	12.0	6.0	17.0	0.0	9.0
October	27	12.0	16.0	7.0	14.0	0.0	5.0
October	28	19.0	11.0	5.0	12.0	0.0	0.0
October	29	17.0	15.0	6.0	15.0	0.0	4.0
October	30	4.0	13.0	4.0	12.0	4.0	9.0
October	31	4.0	17.0	6.0	8.0	2.0	2.0
November	1	2.0	10.0	14.0	6.0	8.0	3.0
November	2	3.0	14.0	15.0	7.0	22.0	5.0
November	3	4.0	10.0	19.0	6.0	25.0	7.0
November	4	3.0	11.0	19.0	4.0	33.0	6.0
November	5	8.0	8.0	13.0	7.0	29.0	20.0
November	6	15.0	16.0	6.0	15.0	23.0	26.0
November	7	13.0	15.0	4.0	13.0	19.0	26.0
November	8	8.0	7.0	1.0	16.0	24.0	24.0
November	9	5.0	8.0	13.0	16.0	25.0	20.0
November	10	17.0	7.0	10.0	22.0	22.0	18.0
November	11	27.0	14.0	6.0	15.0	23.0	8.0
November	12	22.0	15.0	3.0	9.0	23.0	8.0
November	13	19.0	11.0	5.0	14.0	22.0	18.0
November	14	17.0	11.0	7.0	11.0	14.0	21.0
November	15	14.0	10.0	4.0	11.0	13.0	23.0
November	16	10.0	3.0	24.0	10.0	4.0	22.0
November	17	5.0	19.0	27.0	17.0	5.0	16.0
November	18	12.0	18.0	21.0	17.0	5.0	14.0
November	19	17.0	10.0	19.0	17.0	4.0	12.0

Month	Day		1988-89	1989-90	1990-91	·斯特·维拉拉斯·基	1992-93
November	20	24.0	6.0	10.0	6.0	0.0	13.0
November	21	28.0	16.0	14.0	7.0	4.0	9.0
November	22	23.0	17.0	22.0	8.0	10.0	2.0
November	23	17.0	16.0	28.0	8.0	16.0	12.0
November	24	9.0	16.0	28.0	11.0	27.0	12.0
November	25	7.0	14.0	24.0	8.0	29.0	4.0
November	26	6.0	8.0	8.0	12.0	29.0	16.0
November	27	3.0	10.0	0.0	0.0	24.0	24.0
November	28	7.0	26.0	9.0	6.0	18.0	24.0 24.0
November	29	17.0	24.0	25.0	22.0	13.0	26.0
November	30	22.0	21.0	25.0	23.0	0.0	26.0
December	1	23.0	27.0	21.0	22.0	5.0	24.0
December	2	26.0	27.0	18.0	14.0	0.0	21.0
December	3	22.0	22.0	33.0	10.0	13.0	25.0
December	4	22.0	22.0	30.0	25.0	32.0	21.0
December	5	27.0	23.0	20.0	28.0	31.0	28.0
December	6	29.0	22.0	13.0	25.0	22.0	34.0
December	7	19.0	16.0	15.0	20.0	19.0	25.0
December	8	10.0	18.0	23.0	22.0	14.0	
December	9	9.0	29.0	27.0	22.0	9.0	28.0 28.0
December	10	15.0	31.0	25.0	17.0	19.0	
December	11	17.0	29.0	27.0	17.0	19.0	23.0
December	12	17.0	33.0	28.0	16.0	16.0	23.0
December	13	19.0	25.0	33.0	10.0	4.0	25.0
December	14	16.0	22.0	31.0	17.0	19.0	21.0 24.0
December	15	17.0	19.0	32.0	11.0	27.0	23.0
December	16	30.0	30.0	47.0	13.0	30.0	
December	17	31.0	34.0	38.0	13.0	23.0	17.0 16.0
December	18	30.0	35.0	32.0	4.0	27.0	
December	19	17.0	24.0	32.0	12.0	31.0	21.0 18.0
December	20	6.0	17.0	35.0	17.0	28.0	
December	21	16.0	11.0	39.0	12.0	22.0	14.0
December	22	19.0	9.0	54.0	3.0	19.0	21.0
December	23	20.0	8.0	52.0	15.0	10.0	17.0
December	24	19.0	6.0	47.0	38.0	24.0	11.0 29.0
December	25	5.0	22.0	39.0	36.0	24.0 25.0	
December	26	6.0	22.0	33.0	30.0	24.0	31.0
December	27	14.0	17.0	26.0	28.0	18.0	24.0
							29.0
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•							
January	5	40.0					
December December December January January January January January	28 29 30 31 1 2 3 4 5	18.0 26.0 29.0 23.0 21.0 27.0 26.0 28.0 40.0	19.0 30.0 28.0 20.0 17.0 19.0 14.0 27.0 27.0	26.0 23.0 13.0 12.0 29.0 26.0 21.0 12.0 15.0	22.0 14.0 9.0 29.0 25.0 15.0 23.0 25.0 17.0	18.0 19.0 20.0 23.0 28.0 17.0 17.0 14.0 18.0	22.0 17.0 17.0 12.0 16.0 19.0 11.0 9.0 13.0

Month	Day		1988-89	1989-90	1990-91		1992-93
January	6	43.0	10.0	15.0	12.0	19.0	19.0
January	7	42.0	12.0	21.0	13.0	21.0	16.0
January	8	37.0	10.0	22.0	20.0	25.0	15.0
January	9	40.0	27.0	22.0	19.0	15.0	16.0
January	10	41.0	26.0	17.0	17.0	26.0	17.0
January	11	41.0	20.0	16.0	15.0	27.0	17.0
January	12	37.0	14.0	21.0	22.0	29.0	13.0
January	13	33.0	19.0	31.0	30.0	13.0	16.0
January	14	41.0	26.0	24.0	26.0	20.0	27.0
January	15	35.0	18.0	12.0	29.0	30.0	25.0
January	16	30.0	25.0	6.0	17.0	44.0	18.0
January	17	26.0	26.0	8.0	21.0	32.0	17.0
January	18	18.0	22.0	4.0	21.0	33.0	26.0
January	19	12.0	19.0	11.0	21.0	34.0	24.0
January	20	9.0	21.0	11.0	19.0	29.0	21.0
January	21	25.0	26.0	18.0	33.0	22.0	19.0
January	22	32.0	27.0	20.0	37.0	20.0	20.0
January	23	29.0	23.0	21.0	32.0	17.0	18.0
January	24	27.0	14.0	11.0	28.0	29.0	20.0
January	25	29.0	15.0	17.0	29.0	22.0	26.0
January	26	38.0	12.0	25.0	27.0	23.0	23.0
January	27	38.0	21.0	21.0	24.0	21.0	23.0
January	28	28.0	19.0	16.0	15.0	13.0	19.0
January	29	23.0	14.0	20.0	17.0	13.0	19.0
January	30	18.0	16.0	27.0	14.0	14.0	22.0
January	31	5.0	16.0	21.0	26.0	16.0	22.0
February	1	5.0	12.0	15.0	25.0	21.0	17.0
February	2	5.0	0.0	6.0	20.0	21.0	23.0
February	3	9.0	10.0	2.0	18.0	17.0	25.0
February	4	17.0	24.0	13.0	15.0	14.0	21.0
February	5	35.0	25.0	19.0	11.0	17.0	19.0
February	6	45.0	26.0	19.0	7.0	17.0	17.0
February	7	39.0	32.0	11.0	16.0	22.0	16.0
February	8	31.0	32.0	14.0	21.0	31.0	16.0
February	9	26.0	40.0	6.0	18.0	32.0	16.0
February	10	23.0	34.0	11.0	15.0	28.0	11.0
February	11	24.0	26.0	17.0	20.0	19.0	13.0
February	12	39.0	22.0	15.0	18.0	18.0	8.0
February	13	34.0	11.0	9.0	14.0	18.0	20.0
February	14	23.0	3.0	2.0	23.0	13.0	25.0
February	15	21.0	1.0	1.0	41.0	6.0	27.0
February	16	28.0	14.0	6.0	41.0	17.0	19.0
February	17	23.0	25.0	19.0	31.0	24.0	28.0
February	18	23.0	27.0	20.0	19.0	17.0	38.0
February	19	17.0	24.0	11.0	8.0	16.0	36.0
February	20	19.0	20.0	16.0	13.0	20.0	23.0
February	21	28.0	10.0	19.0	15.0	18.0	8.0

Month	Day		1988-89	1989-90	1990-91		1992-93
February	22	20.0	28.0	4.0	14.0	15.0	15.0
February	23	19.0	39.0	15.0	13.0	6.0	26.0
February	24	27.0	39.0	20.0	14.0	7.0	31.0
February	25	30.0	31.0	32.0	18.0	13.0	31.0
February	26	25.0	12.0	24.0	25.0	20.0	26.0
February	27	16.0	22.0	16.0	23.0	22.0	30.0
February	28	19.0	19.0	9.0	18.0	15.0	27.0
February	29	18.0	10.0	0.0	10.0	16.0	27.0
March	1	20.0	20.0	20.0	16.0	16.0	22.0
March	2	16.0	21.0	18.0	0.0	10.0	19.0
March	3	9.0	15.0	11.0	16.0	7.0	14.0
March	4	11.0	11.0	17.0	24.0	0.0	18.0
March	5	16.0	6.0	15.0	19.0	7.0	24.0
March	6	13.0	16.0	11.0	4.0	3.0	21.0
March	7	15.0	27.0	9.0	14.0	1.0	22.0
March	8	10.0	18.0	17.0	21.0	3.0	14.0
March	9	9.0	19.0	17.0	20.0	3.0	13.0
March	10	18.0	13.0	5.0	22.0	16.0	7.0
March	11	18.0	9.0	0.0	16.0	32.0	18.0
March	12	13.0	5.0	0.0	12.0	24.0	26.0
March	13	19.0	3.0	0.0	6.0	27.0	35.0
March	14	31.0	0.0	0.0	20.0	21.0	40.0
March	15	33.0	4.0	0.0	18.0	23.0	36.0
March	16	29.0	11.0	6.0	11.0	23.0	21.0
March	17	23.0	7.0	7.0	14.0	12.0	19.0
March	18	22.0	8.0	10.0	11.0	10.0	22.0
March	19	22.0	18.0	18.0	13.0	11.0	21.0
March	20	10.0	14.0	23.0	10.0	19.0	17.0
March	21	0.0	17.0	18.0	3.0	21.0	10.0
March	22	6.0	17.0	12.0	0.0	17.0	12.0
March	23	3.0	18.0	4.0	0.0	21.0	2.0
March	24	1.0	14.0	4.0	3.0	20.0	9.0
March	25	2.0	3.0	9.0	4.0	21.0	6.0
March	26	2.0	6.0	21.0	1.0	11.0	10.0
March	27	12.0	2.0	17.0	0.0	17.0	9.0
March	28	9.0	0.0	11.0	1.0	17.0	4.0
March	29	3.0	0.0	12.0	14.0	15.0	5.0
March	30	1.0	0.0	12.0	20.0	13.0	0.0
March	31	0.0	11.0	1.0	16.0	16.0	0.0
April	1	1.0	18.0	0.0	10.0	20.0	11.0
April	2	0.0	11.0	4.0	7.0	27.0	22.0
April	3	0.0	0.0	17.0	6.0	26.0	16.0
April	4	0.0	3.0	14.0	6.0	12.0	14.0
April	5	0.0	11.0	4.0	0.0	15.0	14.0
April	6	2.0	17.0	14.0	0.0	14.0	10.0
April	7	10.0	18.0	20.0	0.0	12.0	8.0
April	8	7.0	15.0	17.0	0.0	2.0	3.0

Month	Day	elostik yelve y	1988-89	1989-90	1990-91		1992-93
April	9	7.0	20.0	7.0	0.0	2.0	5.0
April	10	4.0	20.0	0.0	2.0	0.0	4.0
April	11	5.0	21.0	13.0	3.0	0.0	2.0
April	12	15.0	20.0	14.0	2.0	0.0	0.0
April	13	9.0	12.0	12.0	1.0	0.0	0.0
April	14	4.0	10.0	1.0	0.0	0.0	0.0
April	15	6.0	10.0	3.0	0.0	0.0	2.0
April	16	13.0	9.0	2.0	0.0	0.0	12.0
April	17	10.0	3.0	4.0	0.0	0.0	11.0
April	18	0.0	0.0	11.0	0.0	0.0	6.0
April	19	12.0	1.0	11.0	0.0	0.0	2.0
April	20	12.0	1.0	0.0	6.0	0.0	0.0
April	21	1.0	0.0	0.0	13.0	2.0	12.0
April	22	0.0	0.0	0.0	12.0	4.0	14.0
April	23	0.0	0.0	0.0	3.0	1.0	10.0
April	24	1.0	0.0	0.0	2.0	0.0	2.0
April	25	6.0	0.0	0.0	2.0	9.0	0.0
April	26	2.0	0.0	0.0	0.0	16.0	3.0
April	27	5.0	0.0	0.0	0.0	15.0	3.0
April	28	12.0	0.0	2.0	0.0	15.0	5.0
April	29	10.0	0.0	1.0	0.0	14.0	3.0
April	30	10.0	0.0	0.0	0.0	1.0	3.0
May	1	7.0	1.0	0.0	0.0	0.0	0.0
May	2	3.0	5.0	0.0	0.0	0.0	0.0
May	3	4.0	5.0	0.0	0.0	0.0	0.0
May	4	1.0	11.0	0.0	0.0	3.0	0.0
May	5	6.0	2.0	6.0	0.0	10.0	0.0
May	6	2.0	10.0	8.0	3.0	12.0	0.0
May	7	0.0	14.0	8.0	4.0	17.0	0.0
May	8	0.0	8.0	3.0	0.0	17.0	0.0
May	9	0.0	0.0	2.0	0.0	6.0	0.0
May	10	0.0	4.0	7.0	0.0	1.0	0.0
May	11	2.0	9.0	8.0	0.0	0.0	0.0
May	12	0.0	10.0	0.0	0.0	0.0	0.0
May	13	0.0	7.0	0.0	0.0	0.0	1.0
May	14	0.0	2.0	0.0	0.0	0.0	0.0
May	15	0.0	0.0	0.0	0.0	0.0	0.0
May	16	0.0	3.0	0.0	0.0	0.0	0.0
May	17	0.0	1.0	0.0	0.0	0.0	0.0
May	18	0.0	0.0	0.0	0.0	0.0	0.0
May	19	0.0	0.0	0.0	0.0	0.0	0.0
May	20	0.0	0.0	0.0	0.0	0.0	5.0
May	21	0.0	0.0	0.0	0.0	0.0	8.0
May	22	0.0	0.0	4.0	0.0	0.0	6.0
May	23	0.0	0.0	2.0	0.0	0.0	1.0
May	24	0.0	0.0	0.0	0.0	0.0	0.0
May	25	0.0	0.0	0.0	0.0	2.0	0.0

Month	Day		1988-89	1989-90	1990-91		1992-93
May	26	1.0	0.0	0.0	0.0	4.0	0.0
May	27	0.0	0.0	0.0	0.0	4.0	0.0
May	28	0.0	0.0	0.0	0.0	8.0	0.0
May	29	0.0	0.0	0.0	0.0	7.0	0.0
May	30	0.0	0.0	0.0	0.0	4.0	0.0
May	31	0.0	0.0	0.0	0.0	3.0	0.0
June	1	0.0	0.0	0.0	0.0	3.0	0.0
June	2	0.0	0.0	0.0	0.0	0.0	0.0
June	3	0.0	0.0	0.0	0.0	0.0	0.0
June	4	0.0	0.0	0.0	0.0	0.0	0.0
June	5	0.0	0.0	0.0	0.0	0.0	0.0
June	6	0.0	0.0	0.0	0.0	0.0	0.0
June	7	0.0	0.0	0.0	0.0	0.0	0.0
June	8	0.0	0.0	0.0	0.0	0.0	0.0
June	9	0.0	0.0	0.0	0.0	0.0	0.0
June	10	1.0	0.0	0.0	0.0	0.0	0.0
June	11	0.0	0.0	0.0	0.0	0.0	0.0
June	12	0.0	0.0	0.0	0.0	0.0	0.0
June	13	0.0	0.0	0.0	0.0	0.0	0.0
June	14	0.0	0.0	0.0	0.0	0.0	0.0
June	15	0.0	0.0	0.0	0.0	0.0	0.0
June	16	0.0	0.0	0.0	0.0	0.0	0.0
June	17	0.0	0.0	0.0	0.0	0.0	0.0
June	18	0.0	0.0	0.0	0.0	0.0	0.0
June	19	0.0	0.0	0.0	0.0	0.0	0.0
June	20	0.0	0.0	0.0	0.0	0.0	0.0
June	21	0.0	0.0	0.0	0.0	0.0	0.0
June	22	0.0	0.0	0.0	0.0	0.0	0.0
June	23	0.0	0.0	0.0	0.0	0.0	0.0
June	24	0.0	0.0	0.0	0.0	0.0	0.0
June	25	0.0	0.0	0.0	0.0	0.0	0.0
June	26	0.0	0.0	0.0	0.0	0.0	0.0
June	27	0.0	0.0	0.0	0.0	0.0	0.0
June	28	0.0	0.0	0.0	0.0	0.0	0.0
June	29	0.0	0.0	0.0	0.0	0.0	0.0
June	30_	0.0	0.0	0.0	0.0	0.0	0.0
ANNUAL TO	ΓAL	3,488.0	3,256.0	3,016.0	2,742.0	3,268.0	3,276.0

Month	Day	1988-89	1989-90	1990-91	特別計分 机圆	1992-93				
TOTAL SUMMARIES										
101712 0011111	Q 9 8 70 G	1988-89	1989-90	1990-91		1992-93				
July	0.0	0.0	0.0	0.0	0.0	0.0				
August	0.0	0.0	0.0	0.0	0.0	0.0				
September	4.0	1.0	29.0	19.0	17.0	8.0				
October	309.0	312.0	164.0	154.0	142.0	202.0				
November	384.0	391.0	423.0	344.0	513.0	465.0				
December	597.0	697.0	924.0	571.0	610.0	689.0				
January	919.0	602.0	561.0	689.0	701.0	586.0				
February	688.0	608.0	371.0	534.0	520.0	612.0				
March	396.0	333.0	325.0	349.0	457.0	496.0				
April	164.0	220.0	171.0	75.0	207.0	197.0				
May	26.0	92.0	48.0	7.0	98.0	21.0				
June	1.0	0.0	0.0	0.0	3.0	0.0				
Annual	3,488.0	3,256.0	3,016.0	2,742.0	3,268.0	3,276.0				

Daily Heating	Degree				ASOS	ASOS	ASOS
Month	Danie	4000 04	400		MEASURED	MEASURED	MEASURED
Month	Day	1993-94	1994-95		1996-97	1997-98	1998-99
July	1	0.0	0.0	0.0	0.0	0.0	0.0
July	2	0.0	0.0	0.0	0.0	0.0	0.0
July	3	0.0	0.0	0.0	0.0	0.0	0.0
July	4	0.0	0.0	0.0	0.0	0.0	0.0
July	5	0.0	0.0	0.0	0.0	0.0	0.0
July	6	0.0	0.0	0.0	0.0	0.0	0.0
July	7	0.0	0.0	0.0	0.0	0.0	0.0
July	8	0.0	0.0	0.0	0.0	0.0	0.0
July	9	0.0	0.0	0.0	0.0	0.0	0.0
July	10	0.0	0.0	0.0	0.0	0.0	0.0
July	11	0.0	0.0	0.0	0.0	0.0	0.0
July	12	0.0	0.0	0.0	0.0	0.0	0.0
July	13	0.0	0.0	0.0	0.0	0.0	0.0
July	14	0.0	0.0	0.0	0.0	0.0	0.0
July	15	0.0	0.0	0.0	0.0	0.0	0.0
July	16	0.0	0.0	0.0	0.0	0.0	0.0
July	17	0.0	0.0	0.0	0.0	0.0	0.0
July	18	0.0	0.0	0.0	0.0	0.0	0.0
July	19	0.0	0.0	0.0	0.0	0.0	0.0
July	20	0.0	0.0	0.0	0.0	0.0	0.0
July	21	0.0	0.0	0.0	0.0	0.0	0.0
July	22	0.0	0.0	0.0	0.0	0.0	0.0
July	23	0.0	0.0	0.0	0.0	0.0	0.0
July	24	0.0	0.0	0.0	0.0	0.0	0.0
July	25	0.0	0.0	0.0	0.0	0.0	0.0
July	26	0.0	0.0	0.0	0.0	0.0	0.0
July	27	0.0	0.0	0.0	0.0	0.0	0.0
July	28	0.0	0.0	0.0	0.0	0.0	0.0
July	29	0.0	0.0	0.0	0.0	0.0	0.0
July	30	0.0	0.0	0.0	0.0	0.0	0.0
July	31	0.0	0.0	0.0	0.0	0.0	0.0
August	1	0.0	0.0	0.0	0.0	0.0	0.0
August	2	0.0	0.0	0.0	0.0	0.0	0.0
August	3	0.0	0.0	0.0	0.0	0.0	0.0
August	4	0.0	0.0	0.0	0.0	0.0	0.0
August	5	0.0	0.0	0.0	0.0	0.0	0.0
August	6	0.0	0.0	0.0	0.0	0.0	0.0
August	7	0.0	0.0	0.0	0.0	0.0	0.0
August	8	0.0	0.0	0.0	0.0	0.0	0.0
August	9	0.0	0.0	0.0	0.0	0.0	0.0
August	10	0.0	0.0	0.0	0.0	0.0	0.0
August	11	0.0	0.0	0.0	0.0	0.0	0.0
August	12	0.0	0.0	0.0	0.0	0.0	0.0
August	13	0.0	0.0	0.0	0.0	0.0	0.0
August	14	0.0	0.0	0.0	0.0	0.0	0.0
August	15	0.0	0.0	0.0	0.0	0.0	0.0
August	16	0.0	0.0	0.0	0.0	0.0	0.0
August	17	0.0	0.0	0.0	0.0	0.0	0.0

Daily Heating	Degree				ASOS	ASOS	ASOS
					MEASURED	MEASURED	MEASURED
Month	Day	1993-94	1994-95	d Carron	1996-97	1997-98	1998-99
August	18	0.0	0.0	0.0	0.0	0.0	0.0
August	19	0.0	0.0	0.0	0.0	0.0	0.0
August	20	0.0	0.0	0.0	0.0	0.0	0.0
August	21	0.0	0.0	0.0	0.0	0.0	0.0
August	22	0.0	0.0	0.0	0.0	0.0	0.0
August	23	0.0	0.0	0.0	0.0	0.0	0.0
August	24	0.0	0.0	0.0	0.0	0.0	0.0
August	25	0.0	0.0	0.0	0.0	0.0	0.0
August	26	0.0	0.0	0.0	0.0	0.0	0.0
August	27	0.0	0.0	0.0	0.0	0.0	0.0
August	28	0.0	0.0	0.0	0.0	0.0	0.0
August	29	0.0	0.0	0.0	0.0	0.0	0.0
August	30	0.0	0.0	0.0	0.0	0.0	0.0
August	31	0.0	0.0	0.0	0.0	0.0	0.0
September	1	0.0	0.0	0.0	0.0	0.0	0.0
September	2	0.0	0.0	0.0	0.0	0.0	0.0
September	3	0.0	0.0	0.0	0.0	0.0	0.0
September	4	0.0	0.0	0.0	0.0	0.0	0.0
September	5	0.0	0.0	0.0	0.0	0.0	0.0
September	6	0.0	0.0	0.0	0.0	0.0	0.0
September	7	0.0	0.0	0.0	0.0	0.0	0.0
September	8	0.0	0.0	0.0	0.0	0.0	0.0
September	9	0.0	0.0	0.0	0.0	0.0	0.0
September	10	0.0	0.0	0.0	0.0	0.0	0.0
September	11	0.0	0.0	0.0	0.0	0.0	0.0
September	12	0.0	0.0	0.0	0.0	0.0	0.0
September	13	0.0	0.0	0.0	1.0	0.0	0.0
September	14	0.0	0.0	0.0	2.0	0.0	0.0
September	15	0.0	0.0	0.0	0.0	0.0	0.0
September	16	0.0	0.0	0.0	0.0	0.0	0.0
September	17	0.0	0.0	0.0	0.0	0.0	0.0
September	18	0.0	0.0	0.0	0.0	0.0	0.0
September	19	0.0	0.0	0.0	1.0	0.0	0.0
September	20	0.0	0.0	0.0	1.0	0.0	0.0
September	21	0.0	0.0	0.0	0.0	0.0	0.0
September	22	0.0	0.0	3.0	0.0	0.0	0.0
September	23	0.0	0.0	10.0	0.0	0.0	0.0
September	24	0.0	0.0	7.0	0.0	0.0	0.0
September	25	0.0	1.0	2.0	0.0	0.0	0.0
September	26	0.0	4.0	0.0	0.0	0.0	0.0
September	27	3.0	1.0	0.0	0.0	0.0	0.0
September	28	2.0	1.0	0.0	4.0	0.0	0.0
September September	29 30	2.0	0.0	0.0	5.0	0.0	0.0
September October	30 1	8.0 5.0	0.0	0.0	3.0	0.0	0.0
October	1	5.0	0.0	0.0	2.0	1.0	0.0
October	2 3	0.0 1.0	0.0	0.0	0.0	4.0	0.0
Colobei	3	1.0	0.0	0.0	0.0	2.0	0.0

Daily Heating					ASOS	ASOS	ASOS
, ,	5				MEASURED	MEASURED	MEASURED
Month	Day	1993-94	1994-95	elimber i	1996-97	1997-98	1998-99
October	4	3.0	0.0	0.0	1.0	0.0	0.0
October	5	0.0	4.0	0.0	7.0	0.0	0.0
October	6	0.0	1.0	0.0	7.0	0.0	0.0
October	7	0.0	0.0	4.0	2.0	0.0	0.0
October	8	0.0	0.0	4.0	0.0	0.0	2.0
October	9	0.0	3.0	3.0	8.0	0.0	4.0
October	10	6.0	5.0	0.0	9.0	0.0	4.0
October	11	8.0	4.0	0.0	11.0	0.0	2.0
October	12	12.0	12.0	0.0	10.0	0.0	0.0
October	13	7.0	5.0	0.0	9.0	0.0	0.0
October	14	0.0	0.0	6.0	6.0	6.0	3.0
October	15	2.0	0.0	10.0	2.0	7.0	2.0
October	16	0.0	3.0	8.0	2.0	7.0	1.0
October	17	0.0	4.0	9.0	0.0	11.0	0.0
October	18	0.0	4.0		11.0	10.0	0.0
October	19	0.0	2.0	3.0	15.0	7.0	0.0
October	20	0.0	0.0	12.0	14.0	8.0	0.0
October	21	1.0	0.0	14.0	10.0	12.0	0.0
October	22	10.0	0.0	11.0	2.0	15.0	11.0
October	23	9.0	5.0	9.0	10.0	16.0	13.0
October	24	8.0	8.0	9.0	11.0	9.0	10.0
October	25	4.0	7.0	13.0	9.0	3.0	8.0
October	26	0.0	13.0	8.0	4.0	2.0	6.0
October	27	5.0	15.0	10.0	0.0	16.0	4.0
October	28	14.0	14.0	12.0	0.0	18.0	3.0
October	29	16.0	12.0	15.0	0.0	15.0	1.0
October	30	18.0	0.0	14.0	0.0	14.0	0.0
October	31	26.0	0.0	11.0	5.0	11.0	0.0
November	1	25.0	13.0	5.0	12.0	5.0	3.0
November	2	22.0	13.0	0.0	20.0	14.0	4.0
November	3	16.0	10.0	13.0	23.0	18.0	4.0
November	4	10.0	8.0	24.0	19.0	21.0	13.0
November	5	0.0	1.0	29.0	7.0	16.0	20.0
November	6	18.0	7.0	22.0	2.0	16.0	23.0
November	7	24.0	7.0	11.0	0.0	16.0	21.0
November	8	21.0	6.0	25.0	14.0	18.0	17.0
November	9	21.0	0.0	24.0	24.0	18.0	10.0
November	10	17.0	5.0	18.0	26.0	22.0	2.0
November	11	16.0	6.0	16.0	26.0	19.0	14.0
November	12	14.0	7.0	28.0	27.0	24.0	17.0
November	13	3.0	9.0	23.0	23.0	20.0	9.0
November	14	0.0	7.0	28.0	23.0	21.0	11.0
November	15	0.0	6.0	30.0	23.0	27.0	7.0
November	16	0.0	6.0	31.0	22.0	31.0	15.0
November	17	3.0	8.0	22.0	9.0	31.0	8.0
November	18	9.0	7.0	15.0	14.0	28.0	9.0
November	19	16.0	5.0	16.0	12.0		6.0

Daily Heating	Degree				ASOS	ASOS	ASOS
Month	Da	4000 04			MEASURED	MEASURED	MEASURED
Month	Day	1993-94	1994-95		1996-97	1997-98	1998-99
November	20	21.0	6.0	14.0	16.0	19.0	14.0
November	21	20.0	0.0	18.0	11.0	15.0	19.0
November	22	19.0	11.0	25.0	23.0	10.0	18.0
November	23	16.0	23.0	21.0	22.0	18.0	13.0
November	24	13.0	25.0	23.0	16.0	23.0	
November	25	11.0	24.0	23.0	9.0	23.0	10.0
November	26	12.0	18.0	17.0	22.0	22.0	11.0
November	27	24.0	13.0	13.0	25.0	19.0	12.0
November	28	26.0	16.0	12.0	24.0	13.0	11.0
November	29	21.0	22.0	26.0	24.0	11.0	10.0
November	30	21.0	21.0	23.0	16.0	4.0	11.0
December	1	20.0	23.0		12.0	18.0	8.0
December	2	17.0	19.0		24.0	18.0	9.0
December	3	12.0	13.0	13.0	20.0	16.0	4.0
December	4	7.0	10.0	15.0	22.0	18.0	5.0
December	5	20.0	3.0	18.0	22.0	26.0	0.0
December	6	20.0	7.0	19.0	20.0	33.0	0.0
December	7	21.0	12.0	26.0	17.0	31.0	0.0
December	8	15.0	8.0		23.0	33.0	4.0
December	9	18.0	9.0	36.0	28.0	24.0	17.0
December	10	12.0	15.0	44.0	20.0	12.0	20.0
December	11	24.0	29.0	37.0	5.0	24.0	17.0
December	12	28.0	27.0	31.0	7.0	27.0	20.0
December	13	23.0	26.0	16.0	17.0	28.0	15.0
December	14	21.0	20.0	8.0	21.0	29.0	16.0
December	15	19.0	21.0	3.0	19.0	29.0	22.0
December	16	13.0	15.0	10.0	20.0	25.0	22.0
December	17	14.0	18.0	15.0	19.0	22.0	24.0
December	18	20.0	23.0	15.0	29.0	23.0	26.0
December	19	24.0	25.0	15.0	39.0	20.0	19.0
December	20	27.0	22.0	30.0	41.0	16.0	14.0
December	21	27.0	21.0	33.0	36.0	21.0	5.0
December	22	29.0	16.0	36.0	25.0	14.0	16.0
December	23	30.0	14.0	32.0	15.0	17.0	32.0
December	24	33.0	20.0	39.0	19.0	16.0	31.0
December	25	29.0	19.0	35.0	34.0	20.0	31.0
December	26	28.0	22.0	34.0	31.0	22.0	30.0
December	27	19.0	18.0	33.0	19.0	28.0	28.0
December	28	15.0	17.0	35.0	12.0	31.0	23.0
December	29	23.0	18.0	30.0	1.0	32.0	21.0
December	30	35.0	15.0	30.0	3.0	31.0	31.0
December	31	32.0	19.0	27.0	3.0	34.0	25.0
January	1	32.0	18.0	20.0	6.0	33.0	30.0
January	2	21.0	31.0	11.0	6.0	25.0	22.0
January	3	22.0	31.0	28.0	1.0	18.0	34.0
January	4	28.0	34.0	32.0	0.0	15.0	42.0
January	5	27.0	40.0	26.0	8.0	11.0	43.0

Daily Heating							
Daily Heating	Degree				ASOS	ASOS	ASOS
Month	Day	1993-94	1994-95	estro de la Compa	MEASURED	MEASURED	MEASURED
January	6				1996-97	1997-98	1998-99
•		24.0	33.0	24.0	18.0	1.0	37.0
January	7	17.0	21.0	36.0	27.0	0.0	27.0
January	8	38.0	28.0	41.0	31.0	7.0	17.0
January	9	35.0	21.0	35.0	26.0	22.0	23.0
January	10	31.0	20.0	28.0	36.0	26.0	36.0
January	11	26.0	19.0	31.0	45.0	26.0	30.0
January	12	20.0	8.0	31.0	39.0	20.0	20.0
January	13	20.0	5.0	25.0	38.0	13.0	8.0
January	14	34.0	3.0	23.0	34.0	20.0	17.0
January	15	47.0	14.0	16.0	24.0	21.0	26.0
January	16	45.0	21.0	19.0	31.0	21.0	20.0
January	17	34.0	20.0	15.0	46.0	26.0	21.0
January	18	49.0	13.0	12.0	39.0	28.0	16.0
January	19	51.0	16.0	35.0	27.0	26.0	19.0
January	20	44.0	28.0	36.0	24.0	28.0	13.0
January	21	36.0	27.0	30.0	17.0	25.0	5.0
January	22	31.0	29.0	28.0	13.0	19.0	0.0
January	23	26.0	25.0	21.0	15.0	20.0	5.0
January	24	12.0	28.0	22.0	13.0	27.0	19.0
January	25	17.0	24.0	30.0	22.0	27.0	16.0
January	26	13.0	26.0	25.0	29.0	23.0	13.0
January	27	13.0	28.0	25.0	18.0	23.0	8.0
January	28	12.0	11.0	29.0	23.0	17.0	6.0
January	29	26.0	22.0	25.0	27.0	19.0	8.0
January	30	27.0	31.0	22.0	19.0	19.0	13.0
January	31	30.0	25.0	28.0	21.0	24.0	19.0
February	1	35.0	21.0	32.0	16.0	23.0	22.0
February	2	34.0	10.0		14.0	19.0	15.0
February	3	27.0	12.0	49.0	13.0	22.0	18.0
February	4	30.0	29.0	55.0	4.0	29.0	13.0
February	5	13.0	35.0	51.0	18.0	30.0	17.0
February	6	16.0	41.0	42.0	25.0	29.0	13.0
February	7	17.0	33.0	31.0	17.0	24.0	2.0
February	8	4.0	44.0	19.0	23.0	22.0	11.0
February	9	10.0	40.0	18.0	25.0	21.0	8.0
February	10	26.0	29.0	19.0	30.0	19.0	4.0
February	11	22.0	28.0	16.0	29.0	13.0	1.0
February	12	18.0	37.0	31.0	28.0	20.0	14.0
February	13	26.0	34.0	28.0	25.0	21.0	31.0
February	14	26.0	25.0	11.0	23.0	22.0	29.0
February	15	23.0	21.0	24.0	25.0	21.0	22.0
February	16	20.0	16.0	33.0	23.0	13.0	17.0
February	17	17.0	17.0	33.0	20.0	12.0	13.0
February	18	11.0	15.0	28.0	17.0	17.0	17.0
February	19	6.0	15.0	20.0	11.0	14.0	17.0
February	20	2.0	12.0	14.0	6.0	18.0	21.0
February	21	3.0	20.0	11.0	2.0	15.0	28.0
,					0	10.0	20.0

Daily Heating	Dearee				ASOS	ASOS	4800
,g	- og. 00				MEASURED	MEASURED	ASOS MEASURED
Month	Day	1993-94	1994-95	n naaan j	1996-97	1997-98	1998-99
February	22	12.0	18.0		17.0	22.0	
February	23	5.0	10.0	3.0	23.0	21.0	32.0 25.0
February	24	23.0	21.0	9.0	20.0	15.0	24.0
February	25	20.0	20.0	12.0	11.0	13.0	15.0
February	26	29.0	13.0	4.0	13.0	10.0	16.0
February	27	30.0	11.0	3.0	4.0	4.0	12.0
February	28	21.0	9.0	0.0	6.0	7.0	13.0
February	29		0.0	30.0	0.0	7.0	13.0
March	1	20.0	19.0	28.0	0.0	16.0	18.0
March	2	22.0	24.0	24.0	0.0	23.0	16.0
March	3	20.0	27.0	24.0	5.0	26.0	20.0
March	4	8.0	18.0	17.0	3.0	17.0	27.0
March	5	12.0	17.0	11.0	4.0	17.0	20.0
March	6	10.0	14.0	2.0	19.0	12.0	14.0
March	7	6.0	3.0	21.0	18.0	13.0	23.0
March	8	12.0	19.0	44.0	7.0	5.0	23.0
March	9	14.0	26.0	39.0	5.0	18.0	22.0
March	10	25.0	21.0	31.0	0.0	33.0	22.0
March	11	24.0	16.0	27.0	2.0	33.0	21.0
March	12	22.0	12.0	23.0	6.0	36.0	22.0
March	13	16.0	9.0	15.0	5.0	28.0	25.0
March	14	14.0	7.0	7.0	10.0	16.0	21.0
March	15	8.0	6.0	2.0	24.0	15.0	19.0
March	16	20.0	6.0	7.0	23.0	16.0	15.0
March	17	22.0	1.0	5.0	17.0	15.0	9.0
March	18	8.0	4.0	10.0	3.0	16.0	7.0
March	19	11.0	8.0	20.0	7.0	6.0	10.0
March	20	6.0	4.0	30.0	8.0	12.0	7.0
March	21	7.0	7.0	27.0	6.0	26.0	9.0
March	22	10.0	0.0	24.0	6.0	17.0	15.0
March	23	8.0	0.0	22.0	12.0	21.0	11.0
March	24	8.0	8.0	10.0	10.0	14.0	8.0
March	25	14.0	8.0	5.0	1.0	7.0	15.0
March	26	12.0	4.0	19.0	9.0	0.0	17.0
March	27	5.0	0.0	15.0	10.0	1.0	17.0
March	28	15.0	7.0	18.0	7.0	0.0	13.0
March	29	19.0	10.0	10.0	2.0	0.0	13.0
March	30	17.0	8.0	10.0	4.0	0.0	10.0
March	31	22.0	13.0	12.0	15.0	0.0	8.0
April	1	18.0	16.0	19.0	13.0	2.0	1.0
April	2	9.0	12.0	15.0	12.0	2.0	0.0
April	3	14.0	9.0	9.0	8.0	8.0	0.0
April	4	12.0	3.0	4.0	6.0	13.0	0.0
April	5	13.0	11.0	18.0	0.0	12.0	0.0
April	6	10.0	4.0	20.0	0.0	10.0	0.0
April	7	19.0	3.0	22.0	11.0	4.0	0.0
April	8	11.0	0.0	14.0	13.0	0.0	0.0

Daily Heating					4606	4606	4000
Daily Houting	, Dog.co				ASOS MEASURED	ASOS MEASURED	ASOS
Month	Day	1993-94	1994-95	144 (Car. 16)	1996-97	1997-98	MEASURED 1998-99
April	9	4.0	0.0	19.0	12.0	5.0	0.0
April	10	0.0	0.0	19.0	14.0	18.0	0.0
April	11	0.0	0.0	11.0	9.0	14.0	0.0
April	12	0.0	1.0	3.0	3.0	10.0	5.0
April	13	0.0	7.0	2.0	19.0	5.0	7.0
April	14	0.0	7.0	0.0	17.0	0.0	5.0
April	15	0.0	4.0	8.0	13.0	0.0	1.0
April	16	3.0	0.0	10.0	9.0	0.0	11.0
April	17	2.0	0.0	4.0	16.0	4.0	17.0
April	18	0.0	0.0	2.0	16.0	11.0	18.0
April	19	0.0	0.0	0.0	7.0	7.0	9.0
April	20	0.0	0.0	1.0	9.0	9.0	0.0
April	21	0.0	0.0	0.0	2.0	9.0	0.0
April	22	0.0	1.0	0.0	1.0	9.0	0.0
April	23	1.0	3.0	6.0	10.0	9.0	0.0
April	24	0.0	14.0	10.0	12.0	8.0	0.0
April	25	0.0	10.0	3.0	8.0	5.0	1.0
April	26	0.0	7.0	0.0	11.0	1.0	1.0
April	27	0.0	5.0	7.0	9.0	2.0	0.0
April	28	0.0	6.0	0.0	5.0	8.0	0.0
April	29	0.0	5.0	0.0	4.0	6.0	12.0
April	30	0.0	0.0	11.0	2.0	2.0	8.0
May	1	5.0	3.0	8.0	3.0	3.0	7.0
May	2	6.0	10.0	1.0	3.0	0.0	2.0
May	3	8.0	8.0	0.0	2.0	3.0	0.0
May	4	3.0	7.0	0.0	8.0	6.0	0.0
May	5	3.0	2.0	0.0	8.0	2.0	0.0
May	6	0.0	5.0	0.0	0.0	0.0	0.0
May	7	0.0	0.0	0.0	3.0	0.0	0.0
May	8	3.0	0.0	0.0	0.0	0.0	0.0
May	9	1.0	0.0		2.0	0.0	0.0
May	10	0.0	0.0	0.0	7.0	0.0	0.0
May	11	0.0	0.0	0.0	7.0	0.0	0.0
May	12	0.0	0.0	6.0	3.0	0.0	0.0
May	13	0.0	0.0	7.0	6.0	0.0	0.0
May May	14	0.0	0.0	6.0	0.0	0.0	0.0
May	15 16	0.0	0.0	0.0	1.0	0.0	0.0
May	17	0.0 0.0	0.0	0.0	7.0	0.0	0.0
May	18	0.0	0.0	0.0	3.0	0.0	0.0
May	19	4.0	0.0 0.0	0.0	0.0	0.0	0.0
May	20	3.0	0.0	0.0 0.0	0.0	0.0	0.0
May	21	3.0	0.0	0.0	0.0	0.0	0.0
May	22	0.0	0.0	0.0	2.0 1.0	0.0 0.0	0.0
May	23	0.0	0.0	0.0	0.0	0.0	0.0 0.0
May	24	0.0	0.0	0.0	0.0	0.0	0.0
May	25	0.0	0.0	0.0	0.0	0.0	0.0
,		V. -	0.0	0.0	0.0	0.0	0.0

Chattanooga Gas Company Workpapers - Calculation of 30-Year Normals Page 35 of 54

Daily Heating	Degree				ASOS	ASOS	ASOS
				_	MEASURED	MEASURED	MEASURED
Month	Day	1993-94	1994-95		1996-97	1997-98	1998-99
May	26	0.0	0.0	0.0	0.0	0.0	0.0
May	27	0.0	0.0		0.0	0.0	0.0
May	28	0.0	0.0		5.0	0.0	0.0
May	29	0.0	0.0	0.0	8.0	0.0	0.0
May	30	0.0	0.0	0.0	1.0	0.0	0.0
May	31	0.0	0.0		0.0	0.0	0.0
June	1	0.0	0.0	0.0	0.0	0.0	0.0
June	2	0.0	0.0	1.0	1.0	0.0	0.0
June	3	0.0	0.0	0.0	0.0	0.0	0.0
June	4	0.0	0.0	0.0	0.0	0.0	0.0
June	5	0.0	0.0	0.0	0.0	0.0	0.0
June	6	0.0	0.0	0.0	0.0	0.0	0.0
June	7	0.0	0.0	0.0	3.0	2.0	0.0
June	8	0.0	0.0	0.0	1.0	0.0	0.0
June	9	0.0	0.0	0.0	2.0	0.0	0.0
June	10	0.0	0.0	0.0	0.0	0.0	0.0
June	11	0.0	0.0	0.0	0.0	0.0	0.0
June	12	0.0	0.0	0.0	0.0	0.0	0.0
June	13	0.0	1.0		0.0	0.0	0.0
June	14	0.0	0.0	0.0	0.0	0.0	0.0
June	15	0.0	0.0	0.0	0.0	0.0	0.0
June	16	0.0	0.0	0.0	0.0	0.0	0.0
June	17	0.0	0.0	0.0	0.0	0.0	0.0
June	18	0.0	0.0	0.0	0.0	0.0	0.0
June	19	0.0	0.0	0.0	0.0	0.0	0.0
June	20	0.0	0.0	0.0	0.0	0.0	0.0
June	21	0.0	0.0	0.0	0.0	0.0	0.0
June	22	0.0	0.0	0.0	0.0	0.0	0.0
June	23	0.0	0.0	0.0	0.0	0.0	0.0
June	24	0.0	0.0	0.0	0.0	0.0	0.0
June	25	0.0	0.0	0.0	0.0	0.0	0.0
June	26	0.0	0.0	0.0	0.0	0.0	0.0
June	27	0.0	0.0	0.0	0.0	0.0	0.0
June	28	0.0	0.0	0.0	0.0	0.0	0.0
June	29	0.0	0.0	0.0	0.0	0.0	0.0
June	30	0.0	0.0	0.0	0.0	0.0	0.0
ANNUAL TOT	AL	3,290.0	2,808.0	3,777.0	3,158.0	3,288.0	2,636.0

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Chattanooga Gas Daily Heating Degree

ASOS **ASOS ASOS** MEASURED MEASURED MEASURED 1994-95 Month Day 1993-94 1996-97 1997-98 1998-99 ASOS ASOS ASOS **TOTAL SUMMARIES** MEASURED MEASURED MEASURED 1994-95 1993-94 1996-97 1997-98 1998-99 0.0 0.0 0.0 0.0 July 0.0 0.0 August 0.0 0.0 0.0 0.0 0.0 0.0 September 15.0 22.0 17.0 0.0 0.0 7.0 October 155.0 121.0 185.0 167.0 194.0 74.0 November 439.0 595.0 534.0 542.0 342.0 310.0 December 675.0 544.0 715.0 623.0 738.0 535.0 January 0.888 700.0 809.0 723.0 630.0 613.0 February 526.0 636.0 626.0 488.0 516.0 470.0 March 437.0 326.0 559.0 248.0 459.0 497.0 April 116.0 128.0 237.0 271.0 193.0 96.0 May 80.0 14.0 39.0 35.0 28.0 9.0 7.0 2.0 0.0 June 0.0 1.0 1.0 3,290.0 Annual 2,808.0 3,777.0 3,158.0 3,288.0 2,636.0

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Daily Heating		4505	4000				
Daily Healing	Degree		ASOS	ASOS	ASOS	ASOS	ASOS
Month	Day	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED
July		0.0	2000-01	2001-02	2002-03		er i se ingles en e
July	1	0.0	0.0	0.0	0.0	0.0	0.0
July	2 3	0.0	0.0	0.0	0.0	0.0	0.0
July		0.0	0.0	0.0	0.0	0.0	0.0
July	4	0.0	0.0	0.0	0.0	0.0	0.0
July	5	0.0	0.0	0.0	0.0	0.0	0.0
July	6 7	0.0	0.0	0.0	0.0	0.0	0.0
July		0.0	0.0	0.0	0.0	0.0	0.0
July	8 9	0.0	0.0	0.0	0.0	0.0	0.0
July	10	0.0	0.0	0.0	0.0	0.0	0.0
July	11	0.0	0.0	0.0	0.0	0.0	0.0
July	12	0.0 0.0	0.0	0.0	0.0	0.0	0.0
July	13	0.0	0.0	0.0	0.0	0.0	0.0
July	14	0.0	0.0	0.0	0.0	0.0	0.0
July	15	0.0	0.0	0.0	0.0	0.0	0.0
July	16	0.0	0.0	0.0	0.0	0.0	0.0
July	17	0.0	0.0 0.0	0.0	0.0	0.0	0.0
July	18	0.0	0.0	0.0	0.0	0.0	0.0
July	19	0.0	0.0	0.0	0.0	0.0	0.0
July	20	0.0	0.0	0.0	0.0	0.0	0.0
July	21	0.0	0.0	0.0 0.0	0.0	0.0	0.0
July	22	0.0	0.0	0.0	0.0	0.0	0.0
July	23	0.0	0.0	0.0	0.0	0.0	0.0
July	24	0.0	0.0	0.0	0.0 0.0	0.0	0.0
July	25	0.0	0.0	0.0	0.0	0.0	0.0
July	26	0.0	0.0	0.0	0.0	0.0	0.0
July	27	0.0	0.0	0.0	0.0	0.0 0.0	0.0
July	28	0.0	0.0	0.0	0.0	0.0	0.0
July	29	0.0	0.0	0.0	0.0	0.0	0.0
July	30	0.0	0.0	0.0	0.0	0.0	0.0
July	31	0.0	0.0	0.0	0.0	0.0	0.0 0.0
August	1	0.0	0.0	0.0	0.0	0.0	0.0
August	2	0.0	0.0	0.0	0.0	0.0	0.0
August	3	0.0	0.0	0.0	0.0	0.0	0.0
August	4	0.0	0.0	0.0	0.0	0.0	0.0
August	5	0.0	0.0	0.0	0.0	0.0	0.0
August	6	0.0	0.0	0.0	0.0	0.0	0.0
August	7	0.0	0.0	0.0	0.0	0.0	0.0
August	8	0.0	0.0	0.0	0.0	0.0	0.0
August	9	0.0	0.0	0.0	0.0	0.0	0.0
August	10	0.0	0.0	0.0	0.0	0.0	0.0
August	11	0.0	0.0	0.0	0.0	0.0	0.0
August	12	0.0	0.0	0.0	0.0	0.0	0.0
August	13	0.0	0.0	0.0	0.0	0.0	0.0
August	14	0.0	0.0	0.0	0.0	0.0	0.0
August	15	0.0	0.0	0.0	0.0	0.0	0.0
August	16	0.0	0.0	0.0	0.0	0.0	0.0
August	17	0.0	0.0	0.0	0.0	0.0	0.0

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Daily Heating	Degree		ASOS	ASOS	ASOS	ASOS	ASOS .
		MEASURED	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED
Month	Day		2000-01	2001-02	2002-03		
August	18	0.0	0.0	0.0	0.0	0.0	0.0
August	19	0.0	0.0	0.0	0.0	0.0	0.0
August	20	0.0	0.0	0.0	0.0	0.0	0.0
August	21	0.0	0.0	0.0	0.0	0.0	0.0
August	22	0.0	0.0	0.0	0.0	0.0	0.0
August	23	0.0	0.0	0.0	0.0	0.0	0.0
August	24	0.0	0.0	0.0	0.0	0.0	0.0
August	25	0.0	0.0	0.0	0.0	0.0	0.0
August	26	0.0	0.0	0.0	0.0	0.0	0.0
August	27	0.0	0.0	0.0	0.0	0.0	0.0
August	28	0.0	0.0	0.0	0.0	0.0	0.0
August	29	0.0	0.0	0.0	0.0	0.0	0.0
August	30	0.0	0.0	0.0	0.0	0.0	0.0
August	31	0.0	0.0	0.0	0.0	0.0	0.0
September	1	0.0	0.0	0.0	0.0	0.0	0.0
September	2	0.0	0.0	0.0	0.0	0.0	0.0
September	3	0.0	0.0	0.0	0.0	0.0	0.0
September September	4 5	0.0	0.0	0.0	0.0	0.0	0.0
September	6	0.0	0.0	0.0	0.0	0.0	0.0
September	7	0.0 0.0	0.0	0.0	0.0	0.0	0.0
September	8	0.0	0.0	0.0	0.0	0.0	0.0
September	9	0.0	0.0	0.0	0.0	0.0	0.0
September	10	0.0	0.0 0.0	0.0	0.0	0.0	0.0
September	11	0.0	0.0	0.0 0.0	0.0	0.0	0.0
September	12	0.0	0.0	0.0	0.0	0.0	0.0
September	13	0.0	0.0	0.0	0.0 0.0	0.0	0.0
September	14	0.0	0.0	0.0	0.0	0.0 0.0	0.0
September	15	0.0	0.0	0.0	0.0	0.0	0.0
September	16	0.0	0.0	0.0	0.0	0.0	0.0 0.0
September	17	0.0	1.0	0.0	0.0	0.0	0.0
September	18	0.0	0.0	0.0	0.0	0.0	0.0
September	19	0.0	0.0	0.0	0.0	0.0	0.0
September	20	0.0	0.0	0.0	0.0	0.0	0.0
September	21	0.0	0.0	0.0	0.0	0.0	1.0
September	22	3.0	0.0	0.0	0.0	0.0	0.0
September	23	2.0	0.0	0.0	0.0	0.0	0.0
September	24	0.0	0.0	0.0	0.0	0.0	0.0
September	25	0.0	0.0	8.0	0.0	0.0	0.0
September	26	0.0	6.0	7.0	0.0	0.0	0.0
September	27	0.0	4.0	3.0	0.0	0.0	0.0
September	28	0.0	2.0	3.0	0.0	5.0	0.0
September	29	0.0	0.0	1.0	0.0	9.0	0.0
September	30	3.0	0.0	3.0	0.0	7.0	1.0
October	1	2.0	0.0	2.0	0.0	8.0	0.0
October	2	1.0	0.0	0.0	0.0	10.0	0.0
October	3	0.0	0.0	0.0	0.0	12.0	0.0

Daily Heating I	Degree	ASOS	ASOS	ASOS	ASOS	ASOS	ASOS
		MEASURED	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED
Month	Day		2000-01	2001-02	2002-03	January Carl	
October	4	0.0	0.0	0.0	0.0	2.0	0.0
October	5	4.0	0.0	0.0	0.0	5.0	0.0
October	6	2.0	1.0	7.0	0.0	3.0	0.0
October	7	1.0	13.0	10.0	0.0	0.0	0.0
October	8	0.0	17.0	9.0	0.0	0.0	2.0
October	9	0.0	17.0	9.0	0.0	0.0	2.0
October	10	0.0	15.0	3.0	0.0	0.0	0.0
October	11	0.0	11.0	0.0	0.0	0.0	0.0
October	12	0.0	9.0	0.0	0.0	0.0	0.0
October	13	0.0	7.0	0.0	0.0	0.0	3.0
October	14	0.0	6.0	2.0	2.0	3.0	5.0
October	15	0.0	3.0	5.0	5.0	8.0	12.0
October	16	0.0	0.0	11.0	9.0	8.0	9.0
October	17	0.0	0.0	15.0	11.0	13.0	10.0
October	18	3.0	0.0	12.0	11.0	6.0	0.0
October	19	5.0	2.0	10.0	7.0	5.0	0.0
October	20	8.0	0.0	5.0	1.0	2.0	0.0
October	21	11.0	0.0	2.0	1.0	0.0	0.0
October	22	7.0	0.0	0.0	2.0	1.0	0.0
October	23	15.0	0.0	0.0	6.0	5.0	1.0
October	24	17.0	0.0	0.0	3.0	5.0	0.0
October	25	15.0	0.0	7.0	6.0	1.0	0.0
October	26	11.0	0.0	12.0	2.0	2.0	0.0
October	27	6.0	0.0	20.0	0.0	13.0	0.0
October	28	5.0	0.0	20.0	0.0	17.0	0.0
October	29	5.0	0.0	17.0	0.0	9.0	0.0
October	30	3.0	1.0	13.0	6.0	3.0	0.0
October	31	0.0	0.0	9.0	16.0	1.0	0.0
November	1	3.0	0.0	6.0	19.0	1.0	0.0
November	2	12.0	0.0	0.0	22.0	0.0	0.0
November	3	21.0	0.0	1.0	19.0	1.0	0.0
November	4	18.0	4.0	3.0	14.0	0.0	3.0
November	5	12.0	6.0	8.0	10.0	0.0	12.0
November	6	7.0	8.0	12.0	13.0	0.0	12.0
November	7	3.0	3.0	10.0	16.0	7.0	6.0
November	8	0.0	0.0	8.0	16.0	10.0	9.0
November	9	0.0	3.0	10.0	9.0	11.0	13.0
November	10	3.0	18.0	11.0	0.0	13.0	15.0
November	11	1.0	17.0	9.0	3.0	4.0	13.0
November	12	7.0	16.0	9.0	11.0	2.0	8.0
November	13	5.0	16.0	13.0	16.0	16.0	11.0
November	14	3.0	21.0	14.0	18.0	20.0	15.0
November	15 16	11.0	25.0	14.0	21.0	14.0	18.0
November	16	13.0	24.0	12.0	18.0	12.0	15.0
November	17 18	19.0	25.0	7.0	28.0	6.0	10.0
November	18 10	16.0	31.0	8.0	23.0	2.0	10.0
November	19	15.0	27.0	7.0	14.0	12.0	12.0

Daily Heating I	Degree	ASOS	ASOS	ASOS	ASOS	ASOS	ASOS
		MEASURED	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED
Month	Day	. The grant to	2000-01	2001-02	2002-03	in Alexandria	Marga (Mg)
November	20	7.0	23.0	16.0	15.0	11.0	5.0
November	21	2.0	32.0	20.0	9.0	9.0	10.0
November	22	2.0	26.0	18.0	24.0	10.0	10.0
November	23	4.0	20.0	14.0	24.0	9.0	5.0
November	24	4.0	20.0	1.0	18.0	16.0	5.0
November	25	8.0	15.0	7.0	17.0	25.0	20.0
November	26	17.0	20.0	14.0	16.0	18.0	22.0
November	27	17.0	20.0	0.0	26.0	12.0	23.0
November	28	12.0	17.0	0.0	30.0	18.0	16.0
November	29	13.0	12.0	0.0	25.0	27.0	13.0
November	30	24.0	25.0	11.0	18.0	23.0	10.0
December	1	27.0	24.0	13.0	32.0	19.0	18.0
December	2	20.0	19.0	12.0	27.0	24.0	22.0
December	3	15.0	30.0	13.0	23.0	22.0	22.0
December	4	10.0	26.0	10.0	25.0	27.0	20.0
December	5	14.0	26.0	10.0	26.0	25.0	23.0
December	6	22.0	30.0	6.0	31.0	30.0	13.0
December	7	24.0	23.0	3.0	29.0	27.0	5.0
December	8	21.0	21.0	4.0	29.0	24.0	13.0
December	9	12.0	20.0	13.0	23.0	20.0	15.0
December	10	11.0	17.0	17.0	23.0	18.0	12.0
December	11	14.0	18.0	13.0	21.0	29.0	22.0
December	12	14.0	23.0	8.0	24.0	27.0	19.0
December	13	6.0	29.0	6.0	22.0	26.0	22.0
December	14	18.0	22.0	9.0	28.0	24.0	33.0
December	15	19.0	17.0	15.0	25.0	21.0	32.0
December	16	23.0	13.0	12.0	18.0	19.0	28.0
December	17	20.0	29.0	6.0	13.0	28.0	22.0
December	18	21.0	35.0	15.0	16.0	26.0	25.0
December	19	12.0	39.0	18.0	12.0	27.0	34.0
December	20	13.0	41.0	23.0	18.0	31.0	40.0
December	21	22.0	37.0	24.0	22.0	29.0	24.0
December	22	26.0	40.0	21.0	17.0	22.0	20.0
December	23	27.0	36.0	17.0	24.0	19.0	23.0
December	24	29.0	25.0	28.0	21.0	24.0	37.0
December	25	35.0	34.0	34.0	26.0	31.0	36.0
December	26	27.0	31.0	36.0	32.0	29.0	29.0
December	27	28.0	30.0	29.0	30.0	24.0	29.0
December	28	27.0	34.0	23.0	26.0	20.0	27.0
December	29	21.0	37.0	25.0	18.0	16.0	22.0
December	30	20.0	41.0	33.0	18.0	24.0	15.0
December	31	13.0	38.0	33.0	11.0	22.0	11.0
January	1	13.0	39.0	36.0	10.0	23.0	12.0
January	2 3	9.0 0.0	38.0	31.0	16.0	12.0	8.0
January January	4	13.0	39.0	35.0	26.0	0.0	9.0
January	5	28.0	34.0	33.0	29.0	0.0	5.0 5.0
January	5	20.0	27.0	29.0	20.0	13.0	5.0

Daily Heating	Degree	ASOS	ASOS	ASOS	ASOS	ASOS	ASOS
		MEASURED	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED
Month	Day		2000-01	2001-02	2002-03		
January	6	26.0	26.0	26.0	28.0	36.0	9.0
January	7	21.0	24.0	29.0	30.0	40.0	18.0
January	8	25.0	28.0	30.0	18.0	34.0	13.0
January	9	15.0	34.0	21.0	12.0	31.0	17.0
January	10	12.0	32.0	11.0	23.0	35.0	11.0
January	11	13.0	33.0	18.0	32.0	31.0	7.0
January	12	15.0	24.0	29.0	37.0	20.0	0.0
January	13	15.0	29.0	24.0	29.0	18.0	5.0
January	14	28.0	22.0	22.0	27.0	20.0	21.0
January	15	24.0	14.0	24.0	33.0	22.0	22.0
January	16	22.0	26.0	23.0	34.0	24.0	28.0
January	17	19.0	25.0	21.0	41.0	25.0	38.0
January	18	17.0	21.0	20.0	42.0	21.0	38.0
January	19	23.0	20.0	22.0	36.0	35.0	30.0
January	20	28.0	32.0	22.0	22.0	34.0	24.0
January	21	36.0	33.0	18.0	18.0	28.0	15.0
January	22	35.0	30.0	20.0	28.0	26.0	30.0
January	23	29.0	28.0	9.0	46.0	32.0	40.0
January	24	31.0	25.0	5.0	46.0	16.0	32.0
January	25	36.0	31.0	20.0	34.0	22.0	22.0
January	26	38.0	32.0	19.0	29.0	25.0	10.0
January	27	38.0	27.0	17.0	38.0	30.0	22.0
January	28	30.0	26.0	14.0	30.0	32.0	28.0
January	29	30.0	16.0	3.0	18.0	29.0	32.0
January	30	28.0	10.0	2.0	24.0	29.0	26.0
January	31	34.0	14.0	2.0	22.0	34.0	21.0
February	1	32.0	25.0	10.0	22.0	27.0	17.0
February	2 3	30.0	28.0	22.0	15.0	24.0	24.0
February	4	26.0	30.0	21.0	12.0	25.0	23.0
February February	5	24.0 28.0	25.0 26.0	26.0	16.0	26.0	21.0
February	6	28.0	21.0	31.0	28.0	26.0	21.0
February	7	19.0	14.0	31.0	28.0	17.0	18.0
February	8	18.0	13.0	25.0 21.0	32.0 36.0	30.0	17.0
February	9	18.0	5.0	17.0	26.0	29.0	12.0
February	10	14.0	22.0	11.0	28.0	22.0	11.0
February	11	6.0	22.0	24.0	25.0	23.0 22.0	26.0
February	12	0.0	21.0	22.0	24.0	26.0	27.0 21.0
February	13	17.0	19.0	17.0	24.0	24.0	18.0
February	14	12.0	8.0	22.0	23.0	19.0	
February	15	17.0	3.0	14.0	12.0	23.0	10.0 9.0
February	16	4.0	3.0	14.0	14.0	26.0	10.0
February	17	15.0	25.0	20.0	29.0	27.0	21.0
February	18	9.0	29.0	20.0	29.0	23.0	23.0
February	19	15.0	18.0	18.0	21.0	19.0	23.0
February	20	22.0	14.0	4.0	16.0	17.0	21.0
February	21	21.0	12.0	12.0	14.0	16.0	11.0
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Daily Heating	Degree	ASOS	ASOS	ASOS	ASOS	ASOS	ASOS
	_	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED
Month	Day		2000-01	2001-02	2002-03		建设设计 1
February	22	16.0	18.0	21.0	7.0	20.0	9.0
February	23	12.0	16.0	20.0	22.0	19.0	15.0
February	24	3.0	16.0	18.0	18.0	15.0	13.0
February	25	2.0	4.0	14.0	29.0	19.0	19.0
February	26	2.0	11.0	21.0	28.0	27.0	18.0
February	27	7.0	16.0	39.0	21.0	25.0	20.0
February	28	14.0	13.0	33.0	15.0	20.0	23.0
February	29	13.0				16.0	
March	1	4.0	14.0	25.0	16.0	5.0	32.0
March	2	11.0	10.0	15.0	20.0	4.0	29.0
March	3	12.0	11.0	26.0	24.0	4.0	24.0
March	4	9.0	12.0	36.0	18.0	1.0	20.0
March	5	12.0	22.0	25.0	7.0	0.0	13.0
March	6	8.0	25.0	19.0	15.0	2.0	17.0
March	7	3.0	22.0	10.0	12.0	9.0	17.0
March	8	1.0	19.0	9.0	13.0	16.0	21.0
March	9	0.0	20.0	9.0	8.0	18.0	28.0
March March	10	4.0	21.0	21.0	19.0	22.0	21.0
March	11 12	12.0	16.0	16.0	14.0	17.0	18.0
March	13	21.0 19.0	13.0	13.0	8.0	16.0	9.0
March	14	15.0	7.0	10.0	3.0	14.0	4.0
March	15	6.0	11.0 9.0	7.0	8.0	10.0	13.0
March	16	2.0	12.0	2.0	10.0	10.0	18.0
March	17	13.0	20.0	0.0	5.0	7.0	24.0
March	18	16.0	17.0	0.0	13.0	12.0	26.0
March	19	13.0	17.0	0.0 0.0	4.0	10.0	20.0
March	20	14.0	23.0	4.0	6.0 8.0	6.0	18.0
March	21	11.0	18.0	12.0	6.0	2.0 14.0	13.0
March	22	5.0	13.0	28.0	10.0	23.0	8.0 10.0
March	23	5.0	11.0	20.0	9.0	20.0	9.0
March	24	2.0	12.0	12.0	8.0	10.0	9.0 8.0
March	25	0.0	20.0	5.0	4.0	6.0	2.0
March	26	2.0	24.0	10.0	6.0	0.0	0.0
March	27	9.0	23.0	19.0	3.0	0.0	0.0
March	28	10.0	22.0	12.0	0.0	0.0	13.0
March	29	17.0	17.0	0.0	11.0	1.0	9.0
March	30	8.0	11.0	5.0	23.0	7.0	2.0
March	31	5.0	10.0	9.0	22.0	18.0	0.0
April	1	2.0	15.0	8.0	9.0	15.0	4.0
April	2	0.0	8.0	2.0	3.0	15.0	17.0
April	3	2.0	11.0	12.0	2.0	11.0	11.0
April	4	17.0	4.0	14.0	0.0	12.0	5.0
April	5	15.0	4.0	12.0	0.0	13.0	0.0
April	6	1.0	0.0	13.0	7.0	9.0	3.0
April	7	1.0	0.0	12.0	1.0	4.0	3.0
April	8	13.0	0.0	0.0	6.0	0.0	1.0

Daily Heating							
Daily Heating	Degree		ASOS	ASOS	ASOS	ASOS	ASOS
		MEASURED	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED
Month	Day		2000-01	2001-02	2002-03		t Asherth. e
April	9	17.0	0.0	0.0	17.0	4.0	0.0
April	10	11.0	0.0	0.0	20.0	11.0	0.0
Apri!	11	8.0	0.0	0.0	7.0	11.0	0.0
April	12	2.0	0.0	0.0	6.0	8.0	0.0
April	13	12.0	0.0	0.0	2.0	18.0	7.0
April	14	7.0	0.0	0.0	0.0	14.0	5.0
April	15	1.0	0.0	0.0	0.0	10.0	5.0
April	16	0.0	5.0	0.0	0.0	5.0	3.0
April	17	1.0	18.0	0.0	0.0	1.0	5.0
April	18	7.0	16.0	0.0	0.0	0.0	1.0
April	19	0.0	13.0	0.0	1.0	0.0	0.0
April	20	0.0	6.0	0.0	0.0	0.0	0.0
April	21	9.0	0.0	0.0	0.0	0.0	2.0
April	22	5.0	0.0	0.0	5.0	0.0	0.0
April	23	7.0	0.0	5.0	7.0	0.0	14.0
April	24	8.0	2.0	0.0	13.0	0.0	19.0
April	25	5.0	4.0	2.0	2.0	0.0	15.0
April	26	4.0	6.0	10.0	4.0	4.0	12.0
April	27	7.0	3.0	6.0	2.0	6.0	13.0
April	28	3.0	0.0	0.0	0.0	7.0	14.0
April	29	6.0	0.0	0.0	0.0	2.0	2.0
April	30	3.0	0.0	4.0	0.0	0.0	6.0
May	1	0.0	0.0	0.0	0.0	0.0	9.0
May	2	0.0	0.0	0.0	0.0	8.0	10.0
May	3	0.0	0.0	3.0	0.0	16.0	10.0
May	4	0.0	0.0	5.0	0.0	10.0	11.0
May	5	0.0	0.0	0.0	0.0	0.0	14.0
May	6	0.0	0.0	0.0	0.0	0.0	4.0
May	7	0.0	0.0	0.0	0.0	0.0	2.0
May	8	0.0	0.0	0.0	0.0	0.0	0.0
May	9	0.0	0.0	0.0	0.0	0.0	0.0
May	10	0.0	0.0	0.0	0.0	0.0	0.0
May	11	0.0	0.0	0.0	0.0	0.0	0.0
May	12	0.0	0.0	0.0	2.0	0.0	0.0
May	13	0.0	0.0	0.0	0.0	0.0	0.0
May	14	0.0	0.0	5.0	0.0	0.0	0.0
May	15	0.0	0.0	2.0	0.0	0.0	0.0
May	16	0.0	0.0	0.0	0.0	0.0	4.0
May	17	0.0	0.0	0.0	0.0	0.0	0.0
May	18	0.0	0.0	5.0	0.0	0.0	0.0
May	19	0.0	0.0	9.0	0.0	0.0	0.0
May	20	0.0	0.0	10.0	1.0	0.0	0.0
May	21	0.0	0.0	10.0	0.0	0.0	0.0
May	22	0.0	1.0	8.0	0.0	0.0	0.0
May	23	0.0	3.0	3.0	0.0	0.0	0.0
May	24	0.0	0.0	0.0	0.0	0.0	0.0
May	25	0.0	1.0	0.0	0.0	0.0	3.0

Daily Heating	Degree	ASOS	ASOS	ASOS	ASOS	ASOS	ASOS
Month	Day	MEASURED	MEASURED 2000-01	MEASURED 2001-02	MEASURED 2002-03	MEASURED	MEASURED
May	26	0.0	2.0	0.0	0.0	0.0	0.0
May	27	0.0	0.0	0.0	0.0	0.0	0.0
May	28	0.0	0.0	0.0	0.0	0.0	0.0
May	29	0.0	0.0	0.0	0.0	0.0	2.0
May	30	0.0	0.0	0.0	0.0	0.0	0.0
May	31	0.0	0.0	0.0	0.0	0.0	0.0
June	1	0.0	0.0	0.0	0.0	0.0	0.0
June	2	0.0	0.0	0.0	0.0	0.0	0.0
June	3	0.0	0.0	0.0	0.0	0.0	0.0
June	4	0.0	0.0	0.0	0.0	0.0	0.0
June	5	0.0	0.0	0.0	0.0	0.0	0.0
June	6	0.0	0.0	0.0	0.0	0.0	0.0
June	7	0.0	0.0	0.0	0.0	0.0	0.0
June	8	0.0	0.0	0.0	0.0	0.0	0.0
June	9	0.0	0.0	0.0	0.0	0.0	0.0
June	10	0.0	0.0	0.0	0.0	0.0	0.0
June	11	0.0	0.0	0.0	0.0	0.0	0.0
June	12	0.0	0.0	0.0	0.0	0.0	0.0
June	13	0.0	0.0	0.0	0.0	0.0	0.0
June	14	0.0	0.0	0.0	0.0	0.0	0.0
June	15	0.0	0.0	0.0	0.0	0.0	0.0
June	16	0.0	0.0	0.0	0.0	0.0	0.0
June	17	0.0	0.0	0.0	0.0	0.0	0.0
June	18	0.0	0.0	0.0	0.0	0.0	0.0
June	19	0.0	0.0	0.0	0.0	0.0	0.0
June	20	0.0	0.0	0.0	0.0	0.0	0.0
June	21	0.0	0.0	0.0	0.0	0.0	0.0
June	22	0.0	0.0	0.0	0.0	0.0	0.0
June	23	0.0	0.0	0.0	0.0	0.0	0.0
June	24	0.0	0.0	0.0	0.0	0.0	0.0
June	25	0.0	0.0	0.0	0.0	0.0	0.0
June	26	0.0	0.0	0.0	0.0	0.0	0.0
June	27	0.0	0.0	0.0	0.0	0.0	0.0
June	28 29	0.0	0.0	0.0	0.0	0.0	0.0
June June	29 30	0.0 0.0	0.0	0.0	0.0	0.0	0.0
ANNUAL TOT		2,637.0	0.0 3,415.0	2,759.0	0.0 3,252.0	0.0 3.434.0	0.0
ANNUAL TOT	<u> </u>	<u> </u>	J,415.U	2,/59.0	3,252.0	3,131.0	2,861.0

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Daily Heating Degree	ASOS	ASOS	ASOS	ASOS	ASOS	ASOS
	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED
Month Day	Estate Million	2000-01	2001-02	2002-03	n ginenaga.	
	ASOS	ASOS	ASOS	ASOS	ASOS	ASOS
TOTAL SUMMARIES	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED	MEASURED
		2000-01	2001-02	2002-03		
July	0.0	0.0	0.0	0.0	0.0	0.0
August	0.0	0.0	0.0	0.0	0.0	0.0
September	8.0	13.0	25.0	0.0	21.0	2.0
October	121.0	102.0	200.0	88.0	142.0	44.0
November	279.0	474.0	263.0	512.0	309.0	321.0
December	611.0	885.0	529.0	710.0	754.0	713.0
January	731.0	839.0	635.0	878.0	777.0	598.0
February	444.0	477.0	568.0	614.0	630.0	533.0
March	269.0	503.0	379.0	333.0	284.0	418.0
April	174.0	115.0	100.0	114.0	180.0	172.0
May	0.0	7.0	60.0	3.0	34.0	60.0
June	0.0	0.0	0.0	0.0	0.0	0.0
Annual	2,637.0	3,415.0	2,759.0	3,252.0	3,131.0	2,861.0

Daily Heating	j Degree			
Month	Day	Average	Non-Leap	Leap Yr
July	1	0.0	0	0.0
July	2	0.0	0	0.0
July	3	0.0	0	0.0
July	4	0.0	0	0.0
July	5	0.0	0	0.0
July	6	0.0	0	0.0
July	7	0.0	0	0.0
July	8	0.0	0	0.0
July	9	0.0	0	0.0
July	10	0.0	0	0.0
July	11	0.0	0	0.0
July	12	0.0	0	0.0
July	13	0.0	0	0.0
July	14	0.0	0	0.0
July	15	0.0	0	0.0
July	16	0.0	0	0.0
July	17	0.0	0	0.0
July	18	0.0	0	0.0
July	19	0.0	0	0.0
July	20	0.0	0	0.0
July	21	0.0	0	0.0
July	22	0.0	0	0.0
July	23	0.0	0	0.0
July	24	0.0	0	0.0
July	25	0.0	0	0.0
July	26	0.0	0	0.0
July	27	0.0	0	0.0
July	28	0.0	0	0.0
July	29	0.0	0	0.0
July	30	0.0	0	0.0
July	31	0.0	0	0.0
August	1	0.0	0	0.0
August	2	0.0	0	0.0
August	3	0.0	0	0.0
August	4	0.0	0	0.0
August	5	0.0	0	0.0
August	6	0.0	0	0.0
August	7	0.0	0	0.0
August	8	0.0	0	0.0
August	9	0.0	0	0.0
August	10	0.0	0	0.0
August	11	0.0	0	0.0
August	12	0.0	0	0.0
August	13	0.0	0	0.0
August	14	0.0	0	0.0
August	15	0.0	0	0.0
August	16	0.0	0	0.0
August	17	0.0	0	0.0

Daily Heating	Degree			
Month	Day	Average	Non-Leap	Leap Yr
August	18	0.0	0	0.0
August	19	0.0	0	0.0
August	20	0.0	0	0.0
August	21	0.0	0	0.0
August	22	0.0	0	0.0
August	23	0.0	0	0.0
August	24	0.0	0	0.0
August	25	0.0	0	0.0
August	26	0.0	0	0.0
August	27	0.0	0	0.0
August	28	0.0	0	0.0
August	29	0.0	0	0.0
August	30	0.0	0	0.0
August	31	0.0	0	0.0
September	1	0.0	0	0.0
September	2	0.0	0	0.0
September	3	0.0	0	0.0
September	4	0.0	0	0.0
September	5	0.0	0	0.0
September	6	0.0	0	0.0
September	7	0.0	0	0.0
September	8	0.0	0	0.0
September	9	0.0	0	0.0
September	10	0.0	0	0.0
September	11	0.0	0	0.0
September	12	0.0	0	0.0
September	13	0.0	0	0.0
September	14	0.0	0	0.0
September	15	0.0	0	0.0
September	16	0.0	0	0.0
September	17	0.0	0	0.0
September	18	0.0	0	0.0
September	19	0.0	0	0.0
September	20	0.0	0	0.0
September	21	0.0	0	0.0
September	22	1.0	1	1.0
September	23	2.0	2	2.0
September	24	2.0	2	2.0
September	25	2.0	2 2 1	2.0
September	26	1.0		1.0
September	27	1.0	1	1.0
September	28	2.0	2	2.0
September	29	1.0	1 2 2 2	1.0
September	30	2.0	2	2.0
October	1	2.0	2	2.0
October	2	2.0		2.0
October	3	3.0	3	3.0

Daily Heating	Degree			
Month	Day	Average	Non-Leap	Leap Yr
October	4	3.0	3	3.0
October	5	3.0	3	3.0
October	6	3.0	3	3.0
October	7	4.0	4	4.0
October	8	4.0	4	4.0
October	9	5.0	5	5.0
October	10	5.0	5	5.0
October	11	3.0	3	3.0
October	12	4.0	4	4.0
October	13	5.0	5	5.0
October	14	6.0	6	6.0
October	15	5.0	5	5.0
October	16	5.0	5	5.0
October	17	6.0	6	6.0
October	18	6.0	6	6.0
October	19	7.0	7	7.0
October	20	7.0	7	7.0
October	21	6.0	6	6.0
October	22	6.0	6	6.0
October	23	7.0	7	7.0
October	24	7.0	7	7.0
October	25	7.0	7	7.0
October	26	7.0	7	7.0
October	27	8.0	8	8.0
October	28	8.0	8	8.0
October	29	7.0	7	7.0
October	30	7.0	7	7.0
October	31	7.0	7	7.0
November	1	7.0	7	7.0
November	2	8.0	8	8.0
November	3	9.0	9	9.0
November	4	11.0	11	11.0
November	5	12.0	12	12.0
November	6	13.0	13	13.0
November	7	12.0	12	12.0
November	8	12.0	12	12.0
November	9	12.0	12	12.0
November	10	12.0	12	12.0
November	11	14.0	14	14.0
November	12	14.0	14	14.0
November	13	16.0	16	16.0
November	14	16.0	16	16.0
November	15	15.0	15	15.0
November	16	15.0	15	15.0
November	17	14.0	14	14.0
November	18	14.0	14	14.0
November	19	13.0	13	13.0

Daily Heating	Degree			
Month	Day	Average	Non-Leap	Leap Yr
November	20	13.0	13	13.0
November	21	15.0	15	15.0
November	22	16.0	16	16.0
November	23	15.0	15	15.0
November	24	16.0	16	16.0
November	25	16.0	16	16.0
November	26	17.0	17	17.0
November	27	14.0	14	14.0
November	28	16.0	16	16.0
November	29	19.0	19	19.0
November	30	19.0	19	19.0
December	1	19.0	19	19.0
December	2	20.0	20	20.0
December	3	19.0	19	19.0
December	4	19.0	19	19.0
December	5	20.0	20	20.0
December	6	22.0	22	22.0
December	7	21.0	21	21.0
December	8	19.0	19	19.0
December	9	21.0	21	21.0
December	10	21.0	21	21.0
December	11	22.0	22	22.0
December	12	21.0	21	21.0
December	13	20.0	20	20.0
December	14	21.0	21	21.0
December	15	21.0	21	21.0
December	16	22.0	22	22.0
December	17	22.0	22	22.0
December	18	25.0	25	25.0
December	19	24.0	24	24.0
December	20	24.0	24	24.0
December	21	25.0	25	25.0
December	22	25.0	25	25.0
December	23	23.0	23	23.0
December	24	26.0	26	26.0
December	25	29.0	29	29.0
December	26	28.0	28	28.0
December	27	25.0	25	25.0
December	28	23.0	23	23.0
December	29	24.0	24	24.0
December	30	24.0	24	24.0
December	31	22.0	22	22.0
January	1	24.0	24	24.0
January	2	23.0	23	23.0
January	3	23.0	23	23.0
January	4	24.0	24	24.0
January	5	26.0	26	26.0

Daily Heating	Degree			
Month	Day	Average	Non-Leap	Leap Yr
January	6	24.0	24	24.0
January	7	23.0	23	23.0
January	8	27.0	27	27.0
January	9	27.0	27	27.0
January	10	28.0	28	28.0
January	11	29.0	29	29.0
January	12	27.0	27	27.0
January	13	24.0	24	24.0
January	14	26.0	26	26.0
January	15	26.0	26	26.0
January	16	27.0	27	27.0
January	17	27.0	27	27.0
January	18	27.0	27	27.0
January	19	27.0	27	27.0
January	20	28.0	28	28.0
January	21	27.0	27	27.0
January	22	27.0	27	27.0
January	23	26.0	26	26.0
January	24	24.0	24	24.0
January	25	25.0	25	25.0
January	26	26.0	26	26.0
January	27	27.0	27	27.0
January	28	25.0	25	25.0
January	29	24.0	24	24.0
January	30	23.0	23	23.0
January	31	24.0	24	24.0
February	1	24.0	24	24.0
February	2	23.0	23	23.0
February	3	23.0	23	23.0
February	4	23.0	23	23.0
February	5	25.0	25	25.0
February	6	27.0	27	27.0
February	7	26.0	26	26.0
February	8	25.0	25	25.0
February	9	23.0	23	23.0
February	10	23.0	23	23.0
February	11	22.0	22	22.0
February	12	24.0	24	24.0
February	13	23.0	23	23.0
February	14 15	20.0	20	20.0
February	15 16	19.0	19	19.0
February February	17	18.0	18	18.0
February	18	21.0	21	21.0
February	19	20.0 18.0	20 18	20.0 18.0
February	20	17.0	17	17.0
February	21	15.0	17	17.0
. obludiy	_ '	13.0	13	10.0

Daily Heating	Degree			
Month	Day	Average	Non-Leap	Leap Yr
February	22	17.0	17	17.0
February	23	16.0	16	16.0
February	24	17.0	17	17.0
February	25	18.0	18	18.0
February	26	18.0	18	18.0
February	27	18.0	18	18.0
February	28	18.0	18	18.0
February	29	20.0		18.0
March	1	18.0	18	18.0
March	2	17.0	17	17.0
March	3	16.0	16	16.0
March	4	14.0	14	14.0
March	5	14.0	14	14.0
March	6	14.0	14	14.0
March	7	15.0	15	15.0
March	8	15.0	15	15.0
March	9	17.0	17	17.0
March	10	18.0	18	18.0
March	11	17.0	17	17.0
March	12	15.0	15	15.0
March	13	14.0	14	14.0
March	14	14.0	14	14.0
March	15	14.0	14	14.0
March	16	13.0	13	13.0
March	17	13.0	13	13.0
March	18	11.0	11	11.0
March	19	11.0	11	11.0
March	20	12.0	12	12.0
March	21	13.0	13	13.0
March	22	14.0	14	14.0
March	23	12.0	12	12.0
March	24	10.0	10	10.0
March	25	9.0	9	9.0
March	26	11.0	11	11.0
March	27	10.0	10	10.0
March	28	9.0	9	9.0
March	29	8.0	8	8.0
March	30	7.0	7	7.0
March	31	9.0	9	9.0
April	1	10.0	10	10.0
April	2	9.0	9	9.0
April	3	8.0	8	8.0
April	4	·7.0	7	7.0
April	5	9.0	9	9.0
April	6	9.0	9	9.0
April	7 8	8.0	8	8.0
April	0	6.0	6	6.0

Daily Heating	Degree			
Month	Day	Average	Non-Leap	Leap Yr
April	9	8.0	8	8.0
April	10	8.0	8	8.0
April	11	6.0	6	6.0
April	12	5.0	5	5.0
April	13	5.0	5	5.0
April	14	4.0	4	4.0
April	15	5.0	5	5.0
April	16	6.0	6	6.0
April	17	6.0	6	6.0
April	18	5.0	5	5.0
April	19	5.0	5	5.0
April	20	4.0	4	4.0
April	21	4.0	4	4.0
April	22	4.0	4	4.0
April	23	5.0	5	5.0
April	24	5.0	5	5.0
April	25	4.0	4	4.0
April	26	5.0	5	5.0
April	27	4.0	4	4.0
April	28	4.0	4	4.0
April	29	4.0	4	4.0
April	30	3.0	3	3.0
May	1	3.0	3	3.0
May	2	3.0	3	3.0
May	3	3.0	3	3.0
May	4	3.0	3	3.0
May	5 6	3.0	3 2 2	3.0
May	7	2.0	2	2.0
May May	8	2.0 2.0	2	2.0
May	9		2 2	2.0
May	10	2.0 1.0	1	2.0
May	11	1.0	1	1.0
May	12	1.0	1	1.0
May	13	1.0	1	1.0 1.0
May	14	1.0		1.0
May	15	1.0	1	1.0
May	16	2.0	2	2.0
May	17	1.0	1	1.0
May	18	1.0	1	1.0
May	19	1.0	1	1.0
May	20	1.0	1	1.0
May	21	1.0	1	1.0
May	22	1.0	1	1.0
May	23	0.0	0	0.0
May	24	0.0	0	0.0
May	25	1.0	1	1.0

Daily Heating	Degree			
Month	Day	Average	Non-Leap	Leap Yr
May	26	1.0	1	1.0
May	27	0.0	0	0.0
May	28	0.0	0	0.0
May	29	1.0	1	1.0
May	30	1.0	1	1.0
May	31	0.0	0	0.0
June	1	0.0	0	0.0
June	2	0.0	0	0.0
June	3	0.0	0	0.0
June	4	0.0	0	0.0
June	5	0.0	0	0.0
June	6	0.0	0	0.0
June	7	0.0	0	0.0
June	8	0.0	0	0.0
June	9	0.0	0	0.0
June	10	0.0	0	0.0
June	11	0.0	0	0.0
June	12	0.0	0	0.0
June	13	0.0	0	0.0
June	14	0.0	0	0.0
June	15	0.0	0	0.0
June	16	0.0	0	0.0
June	17	0.0	0	0.0
June	18	0.0	0	0.0
June	19	0.0	0	0.0
June	20	0.0	0	0.0
June	21	0.0	0	0.0
June	22	0.0	0	0.0
June	23	0.0	0	0.0
June	24	0.0	0	0.0
June	25	0.0	0	0.0
June	26	0.0	0	0.0
June	27	0.0	0	0.0
June	28	0.0	0	0.0
June	29 30	0.0	0	0.0
June ANNUAL TO		3,307.0	3 397	0.0
ANNUAL TO	ML.	3,307.0	3,287	3,305.0

Chattanooga Gas Company Workpapers - Calculation of 30-Year Normals Page 54 of 54

Daily Heating Degree	Approx Yes		
Month Day	Average	Non-Leap	Leap Yr
TOTAL SUMMARIES	v enes. :		5 4 MM
	Average	Non-Leap	Leap Yr
July	0	0	0
August	0	0	0
September	14	14	14
October	165	165	165
November	415	415	415
December	697	697	697
January	795	795	795
February	601	581	599
March	404	404	404
April	175	175	175
May	41	41	41
June	0	0	0
Annual		3,287	3,305

Chattanooga Gas Calculation of Dedicated Design Day Capacity (DDDC)

Customers			
<u>January</u>	<u>Active</u>	Inactive	Total
Residential	53,093	8,534	61,627
Commercial < 4000 Therms Commercial > 4000 Therms	6,669	2,668	9,337
Total Commercial	1,719 8,388	33 2,701	1,752 11,089
Multi-Family	2	0	2
-			
Total Customers	61,483	11,235	72,718
Raw DDDC in Mcfs	Antivo	logativa.	Total
Residential	<u>Active</u> 52,582	Inactive 1,502	<u>Totał</u> 54,084
Commercial < 4000 Therms	13,832	491	14,324
Commercial > 4000 Therms	30,025	445	30,469
Total Commercial Multi-Family	43,857 99	936 0	44,793 99
Wiche-1 anniny			
Total Raw DDDC in Mcfs	96,538	2,438	98,976
BTU Factor	1.030		
Raw DDDC in Dths			
	<u>Active</u>	<u>Inactive</u>	<u>Total</u>
Residential	54,160	1,547	55,707
Commercial < 4000 Therms Commercial > 4000 Therms	14,247	506	14,753
Total Commercial	30,925 45,173	458 964	31, 383 46,137
Multi-Family	101	0	101
Total Raw DDDC In Dths	99,434	2,511	101,945
T-1-10-100 11-04-			
Total Design Day Capacity Dths Less DDDC from:			121,974
Less DDDC Roll.	I1/T2		8,788
	11/T2 + T1		3,976
Total System Dths from CIS Firm			109,210
TOLER CYSTONIA DUB HON CIC I III			103,210
Less Commercial > 4000 Therm	S		30,925
Total System to Allocate			78,285
Calculation of True Up Factor			
Carculation of True op Factor		Total System less	
	less Commercial >	Commercial > 4000	
	4000 Therms	Therms	True Up Factor
	68,509	78,285	1.1427
Trued Up DDDC in Dths	B = //	1	
Residential	<u>Active</u> 61,889	Inactive 1,768	<u>Total</u> 63,657
Commercial < 4000 Therms	16,280	578	16,858
Commercial > 4000 Therms	30,925	456	31,383
Total Commercial	47,205	1,036	48,241
Multi-Family	115	0	115
Total Trued Up DDDC in Dths	109,209	2,804	112,013
Average Trued Up DDDC per			
Decidentis!	Active		<u>Total</u>
Residential Commercial < 4000 Therms	1.166 2.441	0.207 0.217	1.033 1.806
Commercial > 4000 Therms	17.990		17,913
Total Commercial	5.628	0.384	4.350
Mul6-Family	57.500	0.000	57.500
System Average	1.776	0.250	1.540

Home About the Exchange Markets Education **Visitors** Shareholder Relations News Resources >> NYMEX An of NYMEX AC Contact Us | Ch Natural Gas Search **Physical** Financial Options NYMEX ClearPort® 6/15/2006 Session Expanded Table **Market Data Current Session** Open Open Low Last High Most Change Open Estimated Overview High Low Recent Interest Volume Current Expanded Settle Table 6.980 6.630 6.590 7.090 6.540 6.590 +.390 61874 July 2006 2491 Previous Session Overview 6.870 6.850 7.400 6.810 6.852 Aug 2006 7.270 +.418 71454 546 Previous 7.570 7.140 7.120 7.670 7.080 7.112 +.458 53129 Sep 2006 446 Expanded Table Oct 2006 7.870 7.490 7.480 7.950 7,417 7.467 +.403 46971 891 Squawk Box Nov 2006 8.970 8.630 8.630 9.150 8.530 8.587 +.383 52650 281 **Contract Detail** 9.802 29392 Description 10.210 9.890 9.860 +.408 Dec 2006 10.400 9.743 46 Specifications Jan 2007 11.000 10.500 10.500 11.000 10.380 10.402 +.598 48358 308 Margins 10.900 10.530 10.530 10.900 10.430 10.412 +.488 29769 Feb 2007 90 Termination 10.320 10.202 Mar 2007 10.680 10.320 10.720 10.260 +.478 52703 297 Schedule 8.510 8.510 8.380 8.262 31584 Request for April 2007 n/a n/a +.248 n/a Information May 2007 8.380 n/a n/a 8.380 8.080 8.087 +.293 23004 4 Exchange for 8.450 8,180 8.184 +.166 12844 June 2007 8.350 n/a n/a 8 Futures for Swaps (EFS) 8.299 July 2007 8.500 n/a n/a 8.580 8.300 +.201 9187 4 Aug 2007 8.670 8.670 8.530 8.394 +.276 8110 n/a n/a n/a 8.660 8.790 8.660 8.512 9229 Sep 2007 n/a n/a +.148 n/a 8.960 8.700 8.682 24096 Oct 2007 8.850 n/a n/a +.168 n/a Nov 2007 9.650 9.650 9.540 9.372 +.278 11219 n/a n/a n/a 10.350 Dec 2007 10.350 n/a 10.330 10.052 +.298 25086 n/a 24708 10.790 10.790 10.790 10,512 +.278 Jan 2008 n/a n/a n/a Feb 2008 10.790 10.790 10.790 10.512 +.278 8483 n/a n/a n/a 10.530 n/a 10.530 10.530 10.252 +.278 30168 <u>Mar 2008</u> n/a n/a April 2008 n/a n/a n/a 7.742 +0 21291 n/a n/a n/a n/a 7.502 +0 7142 May 2008 n/a n/a n/a n/a n/a June 2008 n/a n/a n/a n/a 7.602 +0 3605 n/a n/a 7.697 +0 3079 July 2008 n/a n/a n/a n/a n/a n/a 2803 Aug 2008 n/a n/a n/a n/a n/a 7.782 +0 n/a +0 2219 Sep 2008 n/a n/a n/a n/a n/a 7.902 n/a 14667 Oct 2008 n/a n/a n/a n/a 8.067 +0 n/a n/a 9.000 n/a n/a 9.000 9.000 8.787 +.213 4430 n/a Nov 2008 7795 9.680 n/a n/a 9.680 9.680 9.467 +.213 n/a Dec 2008

n/a

n/a

n/a

<u>Jan 2009</u>

n/a

n/a

15585

9.927

n/a

+0

Feb 2009	n/a	n/a	n/a	n/a	n/a	9.927	+0	1400	n/a
Mar 2009	n/a	n/a	n/a	n/a	n/a	9.677	+0	11532	n/a
<u>April 2009</u>	n/a	n/a	n/a	n/a	n/a	7.197	+0	12058	n/a
May 2009	n/a	n/a	n/a	n/a	n/a	6.957	+0	5335	n/a
June 2009	n/a	n/a	n/a	n/a	n/a	7.052	+0	1926	n/a
July 2009	n/a	n/a	n/a	n/a	n/a	7.152	+0	1583	n/a
Aug 2009	n/a	n/a	n/a	n/a	n/a	7.252	+0	2011	n/a
Sep 2009	7.630	n/a	n/a	7.680	7.630	7.382	+.248	2468	n/a
Oct 2009	n/a	n/a	n/a	n/a	n/a	7.562	+0	4664	n/a
Nov 2009	n/a	n/a	n/a	n/a	n/a	8.307	+0	1089	n/a
Dec 2009	n/a	n/a	n/a	n/a	n/a	9.007	+0	4103	n/a
Jan 2010	9.700	n/a	n/a	9.700	9.700	9.477	+.223	4085	n/a
Feb 2010	n/a	n/a	n/a	n/a	n/a	9.502	+0	1465	n/a
Mar 2010	n/a	n/a	n/a	n/a	n/a	9.282	+0	8911	n/a
<u>April 2010</u>	n/a	n/a	n/a	n/a	n/a	6.812	+0	11299	n/a
May 2010	n/a	n/a	n/a	n/a	n/a	6.622	+0	2129	n/a
June 2010	n/a	n/a	n/a	n/a	n/a	6.732	+0	2279	n/a
July 2010	n/a	n/a	n/a	n/a	n/a	6.842	+0	1302	n/a
Aug 2010	n/a	n/a	n/a	n/a	n/a	6.937	+0	1965	n/a
Sep 2010	n/a	n/a	n/a	n/a	n/a	7.027	+0	1544	n/a
Oct 2010	n/a	n/a	n/a	n/a	n/a	7.177	+0	3712	n/a
Nov 2010	n/a	n/a	n/a	n/a	n/a	7.922	+0	2254	n/a
Dec 2010	n/a	n/a	n/a	n/a	n/a	8.622	+0	7872	n/a
<u>Jan 2011</u>	n/a	n/a	n/a	n/a	n/a	9.102	+0	1197	n/a
Feb 2011	n/a	n/a	n/a	n/a	n/a	9.087	+0	933	n/a
Mar 2011	n/a	n/a	n/a	n/a	n/a	8.857	+0	6269	n/a
April 2011	n/a	n/a	n/a	n/a	n/a	6.387	+0	3299	n/a
May 2011	n/a	n/a	n/a	n/a	n/a	6.197	+0	1147	n/a
June 2011	n/a	n/a	n/a	n/a	n/a	6.312	+0	544	n/a
July 2011	n/a	n/a	n/a	n/a	n/a	6.427	+0	576	n/a
Aug 2011	n/a	n/a	n/a	n/a	n/a	6.522	+0	555	n/a
Sep 2011	n/a	n/a	n/a	n/a	n/a	6.607	+0	542	n/a
Oct 2011	n/a	n/a	n/a	n/a	n/a	6.722	+0	1600	n/a
Nov 2011	7.750	n/a	n/a	7.750	7.750	7.452	+.298	534	n/a
Dec 2011	n/a	n/a	n/a	n/a	n/a	8.172	+0	1816	n/a

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FG-26

Provide a detailed list of all the LDC's affiliated party transactions for the past two years, including the nature and amount of each transaction.

Response

Please see attached schedules 26-1 and 26-2, which provide the affiliate transaction by type and affiliate for 2005 and 2004, respectively.

Note that on each schedule, a debit/positive amount denotes an amount charged from CGC to an affiliate, and a credit/negative amount denotes an amount charged to CGC from an affiliate.

This response was prepared by or under the supervision of Michael J. Morley, Director, Regulatory Accounting & Reporting, AGL Services Company.

Chattanooga Gas Company
Docket No. 06-00175
TRA FG Item No. 26
Schedule 26-1
2005 Affiliate Transactions
Page 1 of 2

	AGL Resources Virginia Natural Inc Gas	Virginia Natural Gas	AGL Services Company	4GL Services Sequent Energy Jefferson Island Elizabethtown Company Management Storage & Hub Gas Company	Jefferson Island Storage & Hub	Elizabethtown Gas Company	Atlanta Gas Light Company	1
	(AGLR)	(VNG)	(AGSC)	(SEM)	(HSIF)	(ETG)	(AGLC)	
Type	GL1	GL28	GL29	GL39	GL48	GL55	GL7	Grand Total
Allocations			(6,829,019)					(6,829,019)
AP	181,223	1,534	(28,896,789)		3,205		(627,634)	(29,338,462)
Cash Receipts			91,946,048			(82)	20,089,646	112,035,611
Dividends	(4,105,836)							(4,105,836)
Interest			196,010					196,010
Inventory			(3,559)					(3,559)
SEM				(95,487,162)				(95,487,162)
Tax Allocations	429,546							429,546
Payroll Funding			(1,474,994)				(2,165)	(1,477,159)
Grand Total	(3,495,067)	1,534	54,937,696	(95,487,162)	3,205	(82)	19,459,847	(24,580,030)

See page 2 for an over view of each type of transaction

2005 Affiliate Transactions Docket No. 06-00175 TRA FG Item No. 26 Page 2 of 2 Chattanooga Gas Company Schedule 26-1

> Explanation of Transaction Types Chattanooga Gas Company

Explanation

Transaction Type

Allocations

Αb

Costs charged from AGSC to CGC in accordance with the shared services agreement between CGC and AGSC.

bank account maintained by AGSC. Other transactions with other AGLR affiliated companies result from the charging Transactions that represent the processing of accounts payable on behalf of Chattanooga Gas Company. Most transactions relate to the normal accounts payable process in which all disbursements are made from a central of an invoice to multiple affiliated companies. Typically, accounts payable transactions result in an intercompany payable from CGC to AGSC.

Cash Receipts

one central bank account maintained by AGSC. Cash receipts from CGC customers are processed through the AGSC Cash receipts transactions relate to the processing of cash receipts for CGC. Cash receipts are processed through account, resulting in an intercompany receivable due from AGSC to CGC

Dividends

dividend equal to 70% of its net income of the previous quarter. If CGC has a net loss for the quarter, no dividends are These transactions represent the dividends declared by CGC to AGLR. On a quarterly basis, CGC typically declares a declared

Expense tarnsactions represent employee expense reports. They are paid through CGC's accounts payable system, and the transaction is recorded in the same manner as the AP transactions discussed above.

Interest

interest transactions represent the monthly interest earned/incurred by CGC on its net receivable/payable from the money pool.

Inventory

SEM

Inventory transactions represent materials and supplies inventory provided by AGSC and utilized by CGC.

SEM transactions represent the following:

1) the use of Chattanooga's firm transportation. These costs are variable charges incurred by SEM for transportation withdrawals and injections. These charges are derived from the monthly pipeline invoice and charged back to SEM CGC pays the invoice from the pipeline in full;

2) monthly purchases of gas by CGC from SEM. They are recorded directly through the intercompany accounts in the month they are purchased and;

3) profit sharing with rate payers for affiliated asset management transactions

Tax Allocations

estimated income tax liabilities and the actual income tax liabilities per the actual tax return filing. Additionally, the allocations are in accordance with AGL Resources Inc's tax allocation agreement, which specifies the manner in which the tax burden is Tax allocations represent income tax allocations and true-ups. The allocations are the result of true-ups between the shared between AGL Resources Inc. and its subsidiaries.

Payroll Funding

Funding for CGC payroll through AGSC. Also includes charges from affiliated companies for capital projects. All payroll is funded from one central payroll bank account maintained by AGSC. Chattanooga Gas Company Docket No. 06-00175 TRA FG Item No. 26 Schedule 26-2 2004 Affliate Transactions Page 1 of 2

	AGL Resources	Virginia	AGL Services	AGL Services Sequent Energy	Atlanta Gas		
	luc	Natural Gas	Company	Management	Light Company		
	(AGLR)	(VNG)	(AGSC)	(SEM)	(AGLC)		
Type	GL1	GL28	GL29	GL39	GL7	(blank)	Grand Total
Allocations			(6,564,534)				(6.564,534)
AP		(1,757)	(35,327,360)		501,477		(34,827,640)
Asset Transfers			(109,170)		(82,764)	(215,864)	(407.797)
Cash Receipts	682,266	734	80,951,362	33,381	17,524,915	•	99,192,657
Dividends	(6,907,194)						(6,907,194)
Interest			234,102				234,102
Inventory			(11,849)				(11,849)
SEM			9,894	(53,597,855)	(439)		(53,588,399)
Tax Allocations	(11,112,674)		(80,772)				(11,193,446)
Payroll-Funding			(1,913,009)				(1,913,009)
A&G Capitalization			45,551				45,551
Grand Total	(17,337,602)	(1,022)	37,234,216	(53,564,473)	17,943,188	(215,864)	(215,864) (15,941,557)

See page 2 for an over view of each type of transaction

Chattanooga Gas Company
Docket No. 06-00175
TRA FG Item No. 26
Schedule 26-2
2004 Affiliate Transactions
Page 2 of 2

Chattanooga Gas Company Explanation of Transaction Types

Explanation	!6-1 !6-1	Transactions are transfer of plant assets from AGLC or AGSC to CGC.	96-1 16-1 16-1 16-1 16-1	Capitalization of A&G payroll, supplies and benefits associated with services provided by AGSC to CGC on capital projects.
	See page 2 of Schedule 26-1 See page 2 of Schedule 26-1	Transactions are transfer	See page 2 of Schedule 26-1 See page 2 of Schedule 26-1	Capitalization of A&G payroll, supl AGSC to CGC on capital projects.
Transaction Type	Allocations AP	Asset Transfers	Cash Receipts Dividends Interest Inventory SEM Tax Allocations Payroll-Funding	A&G Capitalization

Chattanooga Gas Company TRA FG Item No 28 Docket Number 06-00175 7/14/2006 1 of 1

FG-28

Provide a list of the LDC's customer service initiatives, and performance measures, including a description and analysis of the effectiveness of each for the last two (2) years. If applicable, the analysis should include, <u>but not be limited to</u>, time to connect the customer to the system, response time to service inquiries, restoring of service, new meter installations, billing inquiries, meeting appointment times, etc. If you have identified other areas that you monitor, include them in this response.

Response

AGLR is currently in the process of installing a new Customer Management System (CMA), which will provide for faster implementation of regulatory changes, provide for shortened training cycles, and provide for consistency and improved quality of service to customers as well as a new mobility system that will increase dispatcher productivity, increase the ability to manage the workforce between areas, and provide for more efficient routing and service to customers:

The estimated financial impact on CGC is:

	O & M	Capital
2005	\$81,964	\$480,468
2006	71,099	500,148
2007	234,000	330,000
2008	168,000	450,000

As addressed in MFG #14, AGLR will outsource some business processes projected to produce immediate improvement in the call center service level with continued improvement to be provided during the first 18 months of the contract.

Attachment A is a summary of customer service performance metrics maintained by CGC during the past two years.

This response was prepared by or under the supervision of Steve Lindsey, Vice President and General Manager of Chattanooga Gas Company and Michael J. Morley, Director, Regulatory Accounting and Reporting, AGL Services Company

Chattanooga Ges Company TRA FG Item No 28 Attachment A 6H 2006

Cutement	Number of completed hard orders divided by Order Success	Members and	Firm Mater Reading I leused minus MCOMB Mater Readings Carooked minus MCOMB Mater Readings (Actual Options)	Number of Timely Maters Read divided by Total Number of Maters Read	Averaga Laak Response Mihutna Average Finst Response to Leak Call	3rd Party Demages - An occumence of an cubide party demagning a gas facilites white arcavaling.	TRA complaints	Polaria Cuabmar Survey	A final approved meter is one that has been designed (approved) by anginearing and is new Meters Approved ready to be contected with the customer.	New Meture Installed	Number of Calls Answered Number of Calls Olered % enswered selbin 100 as conds Average Three to Cenned Average Prime to Cenned
	hard orders divided by ders	appointments met otal hard order	saued minus Firm Med minus MCONB Readings Issued	era Raad divided by a Raad	e to Look Call	V occutance of an g a gas facilities while			is one flathas been y engineering and is with the customer.		
- OETA-		Overell 4 Hour 8 Hour						CSR (Top 3) FSR (Top 3)			
270	85%	86.6% 86.0% 83.1%	99.89%	98.73%	26.6		2	8 % X	120	Ĕ	10,059 10,164 95,47% 14
91,379	ŧ	97.0% 96.8% 87.1%	\$99.69%	99.79%	ž		-	ğ.	278	117	10,442 10,718 90,23% 27 276
61,332 6	*	\$2.58 \$7.59 \$7.59	98.41%	96.80% 8	24.5	5	0	Burvey	8	138	10,857 11,289 89,77% 26
60,895 60	ž	96.4% 96.6% 95.3%	90.56% 91	80.84%	50.0		•		=	502	8,457 8,632 87.22% 35
MAY 1504 219 60,106 59,	****	97.5% 96.3% 98.3%	98.51 % B9.	99.75% 99.	27.4 2		•	¥ %	231	ę	7,432 7,822 82.31% 8 48
30,339 56,965 58,339 56,965	87% 95	97.17 96.6% \$4.00	99.45% B0.0	89.74% 99.0	25.8 27	82	7		362	2	7,000 5 7,287 6 87,73% 86 33
FDD: AUG 2604 165 56,835	85% 95%	97.8% 97. 86.7% 98. 85.9% 96.	88.60% 88.58%	99.66% B9.63%	27.2 25.8		9	* * 98 * * 98	828	90	5,970 5,933 6,056 6,021 95,89% 96,81% 12 10 89 86
5 50,633	88	97.7% 96.2% 98.1% 97.9% 96.4% 92.6%	% 80° 80%	¥8.73%	25.5	‡	-	* * * * * * * * * * * * * * * * * * *	£ ¥	157 15	133 6,133 121 6,254 11% 93,69% 10 16
Se, 180	*68	* * * 80.2* 81.9*	¥77.88	98.62%	82	4	_	**	58	158 137	7,859 7,996 7, 94,41% 16 15
MGW 2004	ŧ	88.3% 84.4% 91.6%	8 57 X	98 60%	26.2		•	\$ \$ \$	248	ž	6,437 6,786 87,34% 35
DEC 2804 61,342	ž	4.5.19 4.5.19 4.0.19	PB. 80%	₩60.66	26.3	5	-		\$	182	8,690 8,005 86,42% 34
DEC 2804 25542 VTD	¥98	85.3% 84.0% 83.8%	¥97'84	89.72%	28.	#	23		3962	1895	
	*96	88.24 87.24 87.24	89.29%	¥19.88	25.2		•	458 478	23	168	11,174 11,708 32,62% 428 534
JAN 2005 PEB 2006 MAR 2008 61,856 62,396 62,464	8	97.6% 98.3% 96.4%	29.36%	88.66%	26.0		-		80	Ξ	10,704 11,026 89.85% 25
62,454	Š	98.2% 97.4% 98.0%	99.26%	89.66%	23.6	8	n	88 % 8 %	3 6	136	11,361 11,631 92,62% 19
APR 2006 62,360	×.	96.4% 96.3% 86.2%	99.D4%	86.69%	25.7		•		1	8	10,727 11,053 90.80% 22
MAY 2005 J	**	98.5% 97.5%	₽7.51¥	99.76%	122		•	2 8 3 %	92	6	9,872 10,058 93,70% 18
60.422 S	**	98.4% 98.4% 86.9%	97.92% 9t	99.63%	7.4	5	-		22	110	7,337 7,542 81,50% 22
58, 2006 AUG-2006 59,862 59,828	ž	96.7% 87.9% 98.2%	99.02% 99.35%	89.76% 99.75%	23.7		7	8 8 8 8 8 8	\$	8	5,680 5,956 88.30%

Chattanoga Gas Company TRAFG Ibm No 28 Attachment A B/1/2006

				2 month lag in reporting	2 month lag in reporting							
MATTER STATES AND AND THE COST SAME SAME SAME SAME SAME SAME SAME SAME				ñ	ā						۰	
1 1002 Hd	84,889	¥	20.09 24.09 24.04			24.0		-		175	50	6,368 6,551 81,31% 16 16 18 18 18
LAR TOOL	82,385	*78	97.1% 86.2% 97.5%			23.0	z	•		165	2	10,109 10,367 69,51% 29 276 2.76
F 9972 83	62,447	¥78	P5.8% B4.3% B3.9%	86.54.8	99.62%	127		-		5	115	10,130 10,614 80,53% 54 484 4.8%
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	62,323	X.	97.2% 97.6% 95.3%	96.29%	80.82%	24.5		-	80% 80%	180	115	12,363 12,976 60,67% 52 585 585 4,6%
	61,074	***	95.28 4.28 8.44	\$205 %	¥1914	24.0	903	7		1477	1488	
		ğ	94.1% 93.4% 91.3%	*	99.76%	28.4	3	-		5	165	8,485 9,835 31 440 446
Q \$49% AO	519'09	Š	87.38 87.38	% 80.08	37.8	25.5		•	% % % %	87	ē	6,200 8,538 85,78% 35 338 4,0%
H SOUT LZX	58,821	ž	57.78 55.93 50.03	88.57%	26.7.28 24.00	27.3		-		358	112	6,288 6,821 53,52% 161 1643 16,5%
9002 439	58,808	*	97.0% 84.1% 84.7%	86.43.X	¥77.88	24.8	r	-	\$ \$	¥	103	5,642 6,283 84,873 36 30 30 4,93
067.8%			Overal 4 Hour 6 Hour						CSR (Top 3) FSR (Top 3)			
Section 1997 (20) 1997 (20) 1998 (20) 1997 (20		Number of complete d hard orders divided by number of table hard orders	Number of hard or der appointments met divided by number of total hard order appointments sitem	Fern Meter Readings Issued minus Firm Meter Readings Cancaled minus MCOMS dMded by Firm Meter Readings Issued	Number of Timely Meters Read divided by Total Number of Meters Read	Average First Response to Lesk Call	3rd Party Demagea - An occurrence of an octive perty damaging a gae facilities while excaveling.			A final approved meter is one that has been designed (approved) by enginearing and is seedy to be contacted with the customer.		
	Customers	Order Success	Overal Appointment Atainment	Meler Reading Acquery	Mater Reading Tradition	Average Leak Response Minutes	Third Perty Damages	TR A complish to	Polaris Customer Survey	New Maters Approved	New Meters Installed	Number of Calls Answered Number of Calls Chief Wanswered within 120 excends Awarege Then Connect # Abandoned Calls % Asandoned Calls

Chattanooga Gas Company TRA FG Item No 29 7/13/2006 1 of 1

FG-29

Please provide support for all statistics referenced in all testimony filed by the LDC in this case.

Response

Please see attached supporting schedules and documents supporting statistics referenced in the direct testimonies of Philip Buchanan and Daniel Nikolich

This response was prepared by or under the supervision of Michael J. Morley, Director, Regulatory Accounting and Reporting, AGL Services Company.

Natural Gas Customer Use Trends

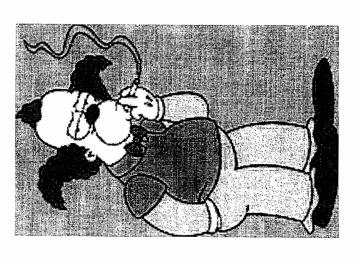
Bruce McDowell American Gas Association Rates and Strategic Issues Committee Meeting April 8, 2003

Overview

Or:

So What's This Clown Going To Talk About?

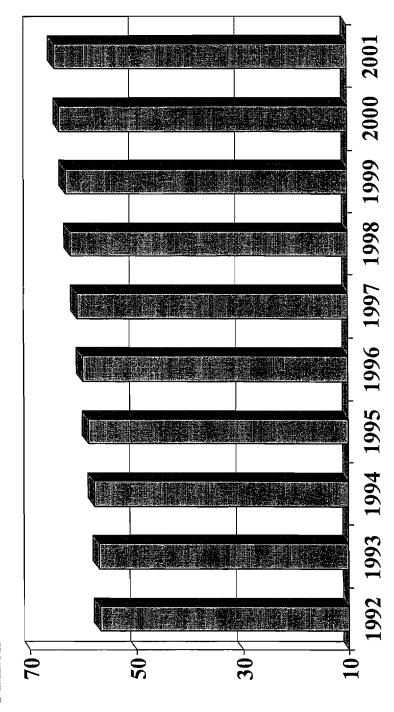
- · Trends in R&C customers, market shares, and customers
- Historic use per customer trends
- Recent residential patterns
- Changes in customer behavior



Residential & Commercial Customers

INCREASING!

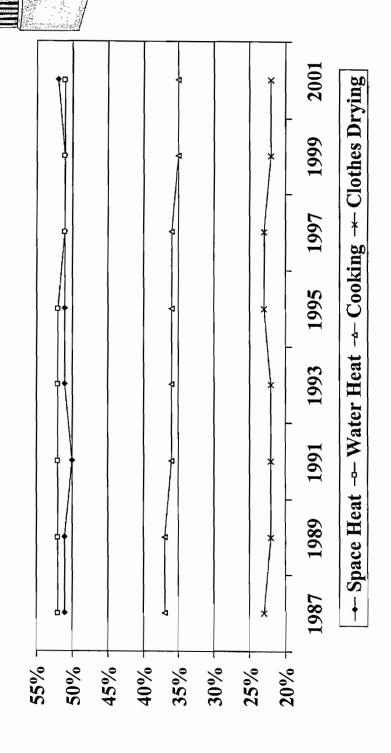
Million



Source: Energy Information Administration

Natural Gas Residential Appliance Market Shares

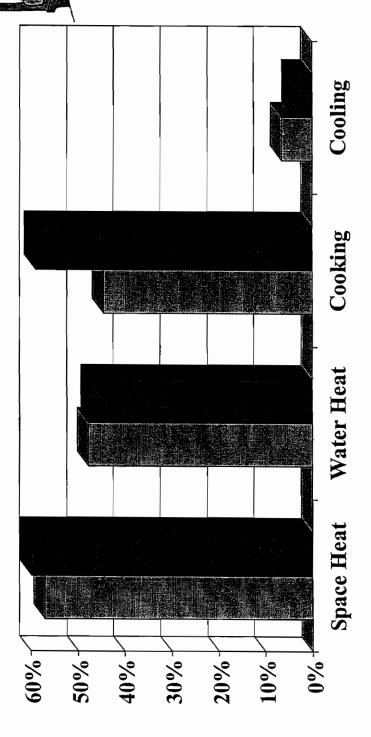
STABLE



Source: American Housing Survey, U.S. Census Dept.

Commercial Gas Market Shares

LOOKING GOOD

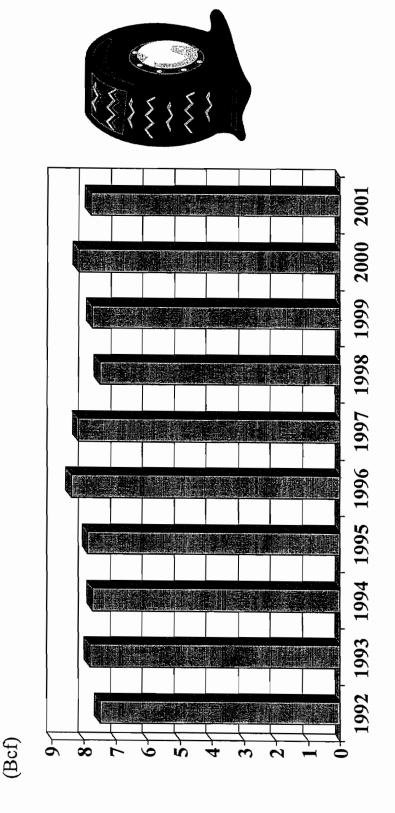


1979 1999

Source: Energy Information Administration

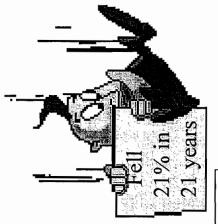
Residential & Commercial Load

BASICALLY FLAT!

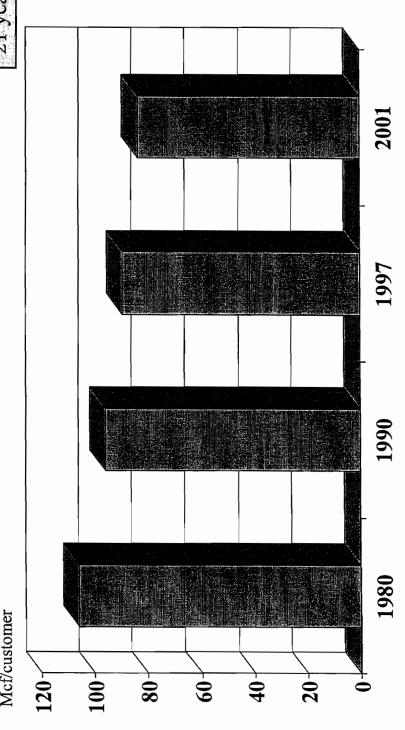


Source: Energy Information Administration

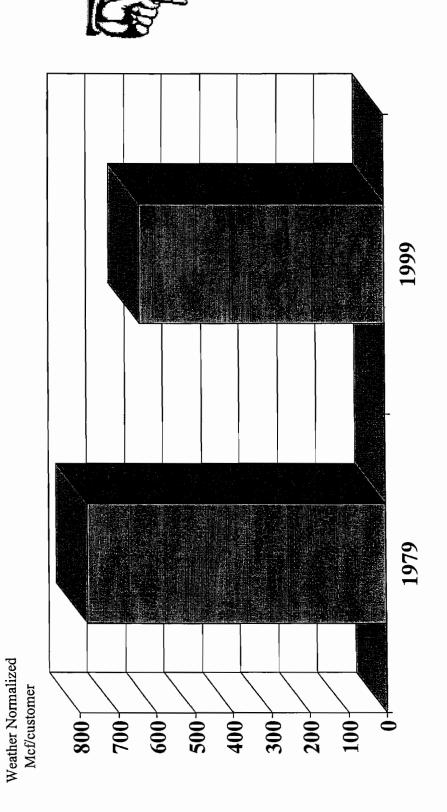
Use per Residential Customer





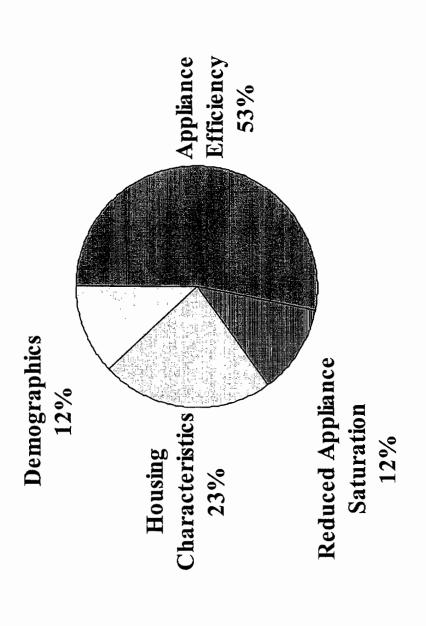


Use per Commercial Customer



Baby, Baby, Where Did Our Load 602

Contributing Factors to Use per Residential Customer Decline – 1980 through 1997



Residential Factors

Appliance efficiency

- Space heating 46% of total decline
- Water heaters 7% of total decline

Appliance saturation

- Housing characteristics
- Building envelope efficiency
- Heated floor space

Demographic factors

- Thermostat settings
 Demilation Chift
 - Population ShiftPersons per home





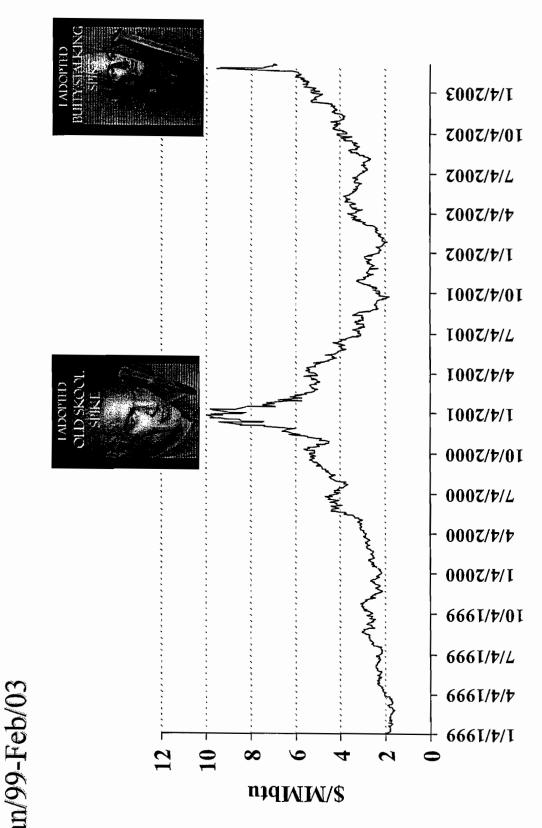
Factors Contributing To Commercial Decline Of 140 Mcf/yr 1979-1999

- Furnace efficiency gains account for half
- Water heater efficiency gains account for 5%
- Increased appliance saturation & heated floor space helped offset decline
- Significant building envelope improvements occurred during study period

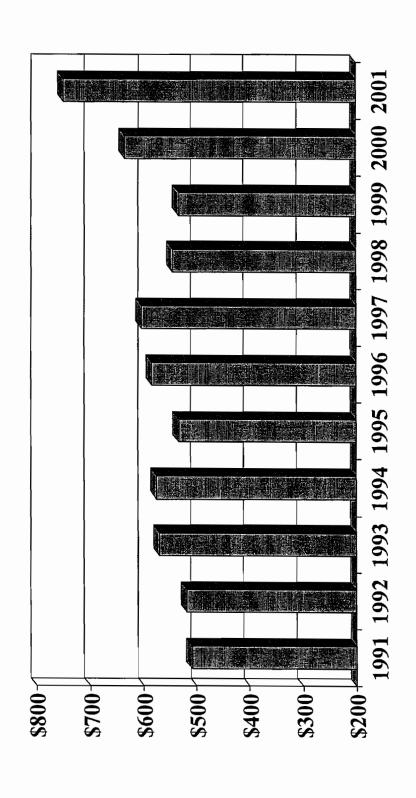
Did Recent High Bills Shift Residential Use Patterns?



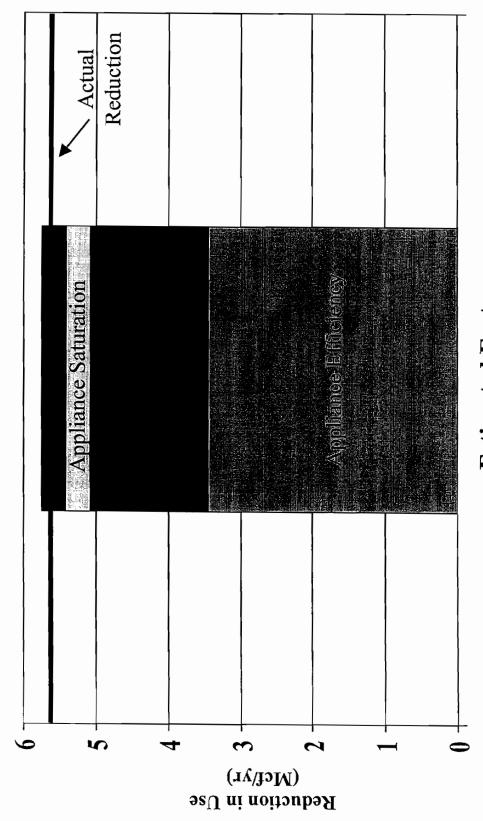
NYMEX Henry Hub Futures Daily Settlement Prices Jan/99-Feb/03



Average Annual Residential Gas Bill



Residential Use Factors, 1997-2001



Estimated Factors

Have Customer Behaviors Changed?

1997

2001

Age of Home	33.1 years	34.6 years
Age of Furnace	13.8 years	13.6 years
Avg. Winter Day Temp	70.2 degrees	70.2 degrees
Avg. Winter Night Temp 67.8 degrees	67.8 degrees	68.0 degrees
Setback Temp Day	45% do	49% do
Setback Temp Night	47% do	47% do
Avg. Persons per Home	2.64	2.61

Source: Residential Energy Consumption Survey, U.S. Dept. of Energy

What Have I Missed?





- Is the problem in winters post-2001?
- Are shell improvements greater than expected?
- Is it more a regional problem?
- · Are vacant homes an issue?

Sources of Natural Gas Industry Information

American Gas Association

- Web site (www.aga.org)
- Fueling the Future Web site (www.fuelingthefuture.org)
- Subscription service
- American Gas Magazine

Energy Information Administration

- Web site (www.eia.doe.gov)
- Monthly Energy Review
- Natural Gas Monthly

Industry Associations

- INGAA
- NGSA
- GII
- Regional associations





ENERGY CONSERVATION PROGRAM (ECP) Projected Costs and Particpation

	,			Projected						
Program	Cos	Cost per Partcipant	Universe	Participation Rate	Projected Participants	፫ 6	Projected Total Cost	Lost Therms	ರ ಌ	Customer Savings
Seasonal Check Up	ક્ક	51	52,971	%0.9	3,180 \$	s	162,180	-82,680 \$		(899.06)
Weatherization Kits	ss	10	52,971	%0.9	3,180	↔	31,800	-178,080 \$	₩	(540,600)
Energy Efficiency Rebates										
Energy Smart Residential New Construction Water Heater	8	300	1,200	14.7%	180 \$	↔	54,000	-10,080 \$	↔	(11,118)
Tank	↔	200	4,410	2.6%	110	↔	22,000	-11,000 \$	↔	(6,386)
Tankless	ઝ	200	4,410		230	↔	115,000	-9,890	6	(31,114)
Furnace										•
60% to 90%+ Effcient	↔	800	2,120	5.1%	110 \$	↔	88,000	-22,440	s	(24,745)
80% to 90%+ Effcient	↔	400	2,120	1.7%	40 \$	↔	16,000	-2,240 \$	G	(2,471)
sub-Total Energy Efficiency						₩	295,000	\$ 059'55-	€	(75,833)
Community Outreach and Customer Education						↔	\$ 250,000			
Total						₩.	738,980	738,980 -316,410 \$ (707,102)	\$	(707,102)

ENERGY CONSERVATION PROGRAM (ECP)

Furnace Energy Savings

Under Current Rates

Percent savings Apr May Jul Apr May Jun Aug Feb Mar Sep Š Mar Aug Sep al 크 Savings (\$58.46) (\$50.88) (\$42.22) (\$224.95) (\$359.95)\$\text{\$\sqrt{\$16.24}\$} (\$14.07) (\$8.66) (\$32.48) (\$14.33) (\$3.75) \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$3.75) (\$17.83) -20.7% (\$3.63) (\$1.25) \$0.00 \$0.00 \$0.00 \$0.00 (\$1.25) (\$4.76) (\$11.91) -0.330691Consumer Consumer Monthly Consumer Bills Monthly Consumer Bills \$32.50 \$72.69 \$126.05 \$38.74 \$22.15 \$22.29 \$164.08 \$150.78 \$25.60 \$22.04 \$22.15 \$22,29 \$32.50 \$72.69 \$126.05 \$863.53 \$150.78 \$114.51 \$72.11 \$38.74 \$72.11 \$22.04 \$114.51 90+% Eff 2764.08 \$36.24 \$90.52 \$168.27 \$146.99 \$42.49 \$26.85 \$22.04 \$22.15 \$22.29 \$39.99 \$22.04 \$22.15 \$33.75 \$77.44 \$137.95 \$925.30 \$86.44 \$75.74 \$1,088.48 \$164.85 \$123.17 \$201.66 -56 Therm Savings Therm Saving Monthly Consumption Monthly Consumption 80% Eff. to an 90+% Eff. Furnance 60% Eff. to a 90+% Eff. Furnance 128 146 83 51 51 15 12 12 12 12 12 12 13 95 95 90+% Eff. 80% Eff. 90+% Eff. 620 182 163 113 63 29 60% Eff. Percent savings Percent savings Арг Мау Apr May Aug Sep ٥ Jan Jun Aug Mar 틧 크 3

Monthly Consumer Bills Monthly Consumer Bills \$22.04 \$22.15 \$22.29 \$22.15 \$75.74 \$39.99 \$25.60 \$33.75 \$146.99 \$86.44 \$42.49 \$26.85 \$22.04 \$22.29 \$36.24 \$90.52 \$123.17 \$137.95 \$201.66 \$168.27 \$164.85 \$1,088.48 60% Eff \$22.15 \$22.29 \$22.15 \$22.29 \$35.00 \$94.09 \$42.49 \$26.85 \$22.04 \$26.85 \$22.04 \$146.99 \$86.44 \$36.24 \$151.32 \$88.82 \$42.49 \$209.24 \$201.66 60% Eff Seasonal Check Up Savings (Filter Change Out) -26 -18.0% Savings Savings Therm Therm Monthly Consumption Monthly Consumption 60% Eff. to an 80% Eff. Furnance 21 22 22 24 54 67 67 60% Eff. 80% Eff. 65 29 16 12 60% Eff. 50% Eff. Percent savings

(\$7.58) (\$7.58) (\$4.33) (\$2.38) \$0.00

\$0.00

Consumer

Savings

(\$3.57)

\$1.25

(\$10.70) (\$2.50) (\$1.25)

(\$2.50) (\$13.08) (\$30.31)

\$0.00 \$0.00 \$0.00

(\$36.81) (\$23.82)

Consumer Savings (\$42.22)

1.) Costs are total energy costs based upon a 50% eff. water heater and a furnace

2.) Assumes attrition year projected gas prices

ENERGY CONSERVATION PROGRAM (ECP)

Water Heater Energy Savings

Under Current Rates

50% Eff Tank to 62% Efficiency Tank Monthly Consumption

Monthly Consumer Bills

	1110111	ny consun	puon	mond	ny consum	Ci Dillo
			Therm			Consumer
Month	50% Eff.	62% Eff.	Savings	50% Eff.	62% Eff.	Savings
Jan	143	138	- 5	\$180.31	\$172.98	(\$7.33)
Feb	129	124	-5	\$164.85	\$157.43	(\$7.43)
Mar	91	86	-5	\$123.17	\$115.85	(\$7.32)
Apr	54	49	-5	\$75.74	\$69.48	(\$6.26)
May	27	23	-4	\$39.99	\$35.23	(\$4.76)
Jun	15	13	-2	\$25.60	\$23.20	(\$2.40)
Jul	12	10	-2	\$22.04	\$19.61	(\$2.42)
Aug	12	10	-2	\$22.15	\$1 9.71	(\$2.44)
Sep	12	10	-2	\$22.29	\$19.83	(\$2.47)
Oct	21	18	-3	\$33.75	\$30.00	(\$3.75)
Nov	54	50	-4	\$77.44	\$71.84	(\$5.60)
Dec	106	102	-4	\$137.95	\$132.08	(\$5.87)
Total	676	633	-43	\$925.30	\$867.24	(\$58.06)

Percent savings

-6.8%

-6.3%

50% Eff 1	ank to 87%	•				
	Month	nly Consum	ption	Month	nly Consum	er Bills
	50% Eff.	87% Eff.	Therm	50% Eff.	87% Eff.	Consumer
Month	Tank	Tankless	Savings	Tank	Tankless	Savings
Jan	143	132	-11	\$180.31	\$163.97	(\$16.35)
Feb	129	118	-11	\$164.85	\$148.40	(\$16.45)
Mar	91	80	-11	\$123.17	\$106.95	(\$16.22)
Apr	54	43	-11	\$75.74	\$61.74	(\$13.99)
May	27	18	-9	\$39.99	\$29.28	(\$10.71)
Jun	15	9	<i>-</i> 6	\$25.60	\$18.40	(\$7.20)
Jul	12	7	-5	\$22.04	\$15.98	(\$6.06)
Aug	12	7	-5	\$22.15	\$16.05	(\$6.10)
Sep	12	7	-5	\$22.29	\$16.13	(\$6.16)
Oct	21	14	-7	\$33.75	\$25.00	(\$8.75)
Nov	54	45	-9	\$77.44	\$64.84	(\$12.60)
Dec	106	96	-10	\$137.95	\$123.28	(\$14.68)
Total	676	576	-100	\$925.30	\$790.02	(\$135.28)

Percent savings

-17.4%

-14.6%

Note:

- 1.) Costs are total energy costs based upon an 80% eff. furnance and a water heater
- 2.) Assumes attrition year projected gas prices

		Total Cost	\$33.75	\$77.44	\$137.95	\$180.31	\$164.85	\$123.17	\$75.74	\$39.99	\$25.60	\$22.04	\$22.15	\$22.29	\$925.30			Total Cost	\$32.50	\$72.69	\$126.05	\$164.08	\$150.78	\$114.51	\$72.11	\$38.74	\$25.60	\$22.04	\$22.15	\$22.29	\$863.53
		1.08259 Srvc Chrg Total Cost	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$90.00			Srvc Chrg Total Cos	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$30.00
ty Chrgs	Over 50	1.08259	\$0.00	\$0.00	\$35.73	\$71.45	\$57.38	\$16.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$180.79 \$516.48	ty Chrgs	Over 50	1.08259	\$0.00	\$0.00	\$23.82	\$55.21	\$43.30	\$7.58	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$129.91
8	Next 25	1.18898	\$0.00	\$10.70	\$29.72	\$29.72	\$29.72	\$29.72	\$2.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$131.98	Heat Load Commodity Chrgs	Next 25	1.18898	\$0.00	\$5.94	\$29.72	\$29.72	\$29.72	\$29.72	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Heat Load	First 25	1.24978	\$6.25	\$31.24	\$31.24	\$31.24	\$31.24	\$31.24	\$31.24	\$7.50	\$2.50	\$0.00	\$0.00	\$0.00	\$203.71 01-02.Cost	Heat Load	First 25	1.24978	\$5.00	\$31.24	\$31.24	\$31.24	\$31.24	\$31.24	\$29.99	\$6.25	\$2.50	\$0.00	\$0.00	\$0.00	\$199,96 \$124.84
	Over 50	0	\$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	ity Chrgs	Over 50	#DIV/0I	\$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
Base Load Commodity Chrgs	Next 25	1.33714	\$0.00	\$0.00	\$0.00	\$2.82	\$1.41	\$1.39	\$2.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.02	Base Load Commodity Chrgs	Next 25	1.33714	\$0.00	\$0.00	\$0.00	\$2.82	\$1.41	\$1.39	\$2.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.02
Base Loa	First 25	\$1.35717	\$20.00	\$28.00	\$33.76	\$37.57	\$37.60	\$37.07	\$32.22	\$25.00	\$15.60	\$14.54	\$14.65	\$14.79	\$310.79	Base Loa	First 25	\$1.35717	\$20.00	\$28.00	\$33.76	\$37.57	\$37.60	\$37.07	\$32.22	\$25.00	\$15.60	\$14.54	\$14.65	\$14.79	\$310.79
		Ttl Chk	21	72	106	143	129	91	54	27	15	12	12	12	929			Ttl Chk	20	20	95	128	116	83	51	26	15	12	12	12	620
		Over 50	0	0	33	99	53	15	0	0	0	0	0	0	167			Over 50	0	0	22	51	40	7	0	0	0	0	0	0	120
	Heat	Next 25	0	6	25	25	52	25	2	0	0	0	0	0	111		Heat		0	5	25	25	25	25	0	0	0	0	0	0	105
		First 25	5	25	25	25	52	25	52	9	2	0	0	0	163			First 25	4	52	25	25	52	25	24	2	2	0	0	0	160
ed therms		Over 50	0	0	0	0	0	0	0	0	0	0	0	0	185	ed therms		Over 50	0	0	0	0	0	0	0	0	ō	0	0	0	0
e 353 need	Non-Heat	Next 25 (0	0	0	8	-	-	7	0	0	0	0	0	9	e 353 need	Non-Heat		0	0	0	8	-	-	2	0	o	C	· c	0	9
to generat		First 25	16	20	23	25	25	25	25	7	13	12	12	12	229	to generat		First 25	9	20	23	25	52	25	25	2 12	13	5 5	1 5	1 2	229
eff furnace		Total	21	24	106	143	129	91	25	27	15	12	12	12	929	eff furnace		Total	20	20	95	128	116	83	51	26	15	2	1 5	1 5	620
ed for 80%	Jsage		2	34	83	116	103	65	27	9	^	0	0	0	441	ed for 92%	leado		4	30	72	101	6	25	24		,	1 0	•	o c	385
441 therms needed for 80% eff furnace to generate 353 needed thern	Annual Usag	Non-Heat Heat	16	20	23	27	28	26	27	2 :	13	12	5	12	235	384 therms needed for 92% eff furnace to generate 353 needed them	Annual Isage	Non-Heat	16	2 2	23	27	38	36	22	7 7	7 7	5 5	7 5	2 5	235
441			tic	Nov	Dec	le l	Har.	Mar	Anr	Z Z	in d	5 =	N A	Sep	Total	384	5		į	200	200	2 2	Fah	T L	No.	100	lvidy Lin	5 3	5	Aug	Total

		1.08259 Srvc Chrg Total Cost		_			_	-	\$7.50 \$86.44	\$7.50 \$42.49	_	7.50 \$22.04	\$7.50 \$22.15	\$7.50 \$22.29	\$90.00 \$1,088.48			Srvc Chrg Total Cost	_			_	_	_	_	\$42.49		_		\$7.50 \$22.29	\$90.00 \$1,117.00
Chrgs	Over 50	1.08259 Srvc			_			_	\$0.00			_	\$0.00	\$0.00)6\$ 56 E E\$	Chrgs	Over 50	1.08259 Srvc			_				_		_	_		\$0.00)6\$ ZZZEE\$
8	Next 25 Ov		\$0.00			~	\$29.72	_	\$13.08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$ 92 55 1 5	Heat Load Commodity Chrgs	Next 25 Ov	1.18898	\$0.00				_	_	\$15.46	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16170
⊢	First 25	_		_			_		_		_		\$0.00	\$0.00	\$209.96	-	First 25	0 1.24978	_			_	\$31.24						_	\$0.00	\$208.71
dity Chrgs	Over 50	Ħ	\$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	lity Chrgs	Over 50		\$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
Base Load Commodity Chrgs	Next 25	1.33714	\$0.00	\$0.00	\$0.00	\$2.82	\$1.41	\$1.39	\$2.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.02	Base Load Commodity Chrgs	Next 25	1.33714	\$0.00	\$0.00	\$0.00	\$2.82	\$1.41	\$1.39	\$2.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.02
Base Loa	First 25	\$1.35717	\$20.00	\$28.00	\$33.76	\$37.57	\$37.60	\$37.07	\$32,22	\$25.00	\$15.60	\$14.54	\$14.65	\$14.79	\$310.79	Base Loa	First 25	\$1.35717	\$20.00	\$28.00	\$33.76	\$37.57	\$37.60	\$37.07	\$32.22	\$25.00	\$15.60	\$14.54	\$14.65	\$14.79	\$310.79
		Ttl Chk	23	65	134	182	163	113	63	29	16	12	12	12	824			Til Chk	22	68	138	189	170	117	65	29	16	12	12	12	850
		Over 50	0	0	61	105	87	37	0	0	0	0	0	0	290			Over 50	0	0	65	112	94	4	0	0	0	0	0	0	312
	Heat	Next 25 C	0	20	22	22	25	25	#	0	0	0	0	0	131		Heat	Next 25 C	0	23	52	22	25	22	13	0	0	0	0	0	136
		First 25 N	7	25	25	25	25	52	25	8	က	0	0	0	168			First 25 N	9	25	25	25	22	25	25	8	က	0	0	0	167
ed therms		Over 50	0	0	0	0	0	0	0	0	0	0	0	0	0	ed therms		Over 50	0	0	0	0	0	0	0	0	0	0	0	0	185
353 need	Non-Heat	Next 25 (0	0	0	7	-	-	2	0	0	0	0	0	9	353 need	Non-Heat		0	0	0	2	-	-	7	0	0	0	0	0	9
to generate	_	First 25 N	16	20	23	25	25	25	25	21	5	12	12	12	229	to generate	2	First 25 N	9	8	23	52	25	52	25	77	13	12	12	12	229
eff furnace		Total	23	65	134	182	163	113	63	53	16	12	12	12	824	eff furnace		Total	22	89	138	189	170	117	65	58	16	12	12	12	850
d for 60%	sage		_	45	=	155	137	87	36	8	က	0	0	0	589	d for 50%	9000	2	9	48	115	162	144	9	38	8	· "		· c	, 0	615
588 therms needed for 60% eff furnace to generate 353 needed therms	Annual Usage	Non-Heat He	16	20	23	27	5e	26	27	2	13	12	5	12	235	20s 6 therms needed for 50% eff furnace to generate 353 needed therms	dreal lead	Non-Heat Heat	16	202	23	27	38	26	27	. z	. 6	2 2	1 5	1 5	235
288			Oct	\o_{N}	Dec	nel.	Feb	Mar	Apr	May		=	P 4	Sec	Total	705.6	200		ţ	200	290	Jan Jan	Feb	Mar	Ant	Nav.	110		200	Sol Co	Total

		Total Cost	\$30.00	\$71.84	\$132.08	\$172.98	\$157.43	\$115.85	\$69.48	\$35.23	\$23.20	\$19.61	\$19.71	\$19.83	\$867.24
		Srvc Chrg	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$90.00
ty Chrgs	Over 50	1.08259	\$0.00	\$0.00	\$35.73	\$71,45	\$57.38	\$16.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$180.79
Commodity	Next 25	1.18898	\$0.00	\$10.70	\$29.72	\$29.72	\$29.72	\$29.72	\$2.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$131.98
Heat Load	First 25	1.24978	\$6.25	\$31.24	\$31.24	\$31.24	\$31.24	\$31.24	\$31.24	\$7.50	\$2.50	\$0.00	\$0.00	\$0.00	\$203.71
ity Chrgs	Over 50	0	\$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
Base Load Commodity Chrgs	Next 25	#D!V/0!	\$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
Base Loa	First 25	\$1.35811	\$16.25	\$22.40	\$27.89	\$33.06	\$31.58	\$31.14	\$28.35	\$20.23	\$13.20	\$12.11	\$12.21	\$12.33	\$260.76
		Ttl Chk	18	20	102	138	124	86	49	23	13	1	9	10	633
		Over 50	0	0	33	99	53	15	0	0	0	0	0	0	167
	Heat	Next 25	0	6	25	25	25	52	7	0	0	0	0	0	111
		First 25	2	25	25	25	25	25	25	9	2	0	0	0	163
led therms		Over 50	0	ō	0	0	0	0	0	0	C	0	0	0	142
te 353 need	Non-Heat	Next 25	0	0	0	0	0	0	0	0		• •	0	0	0
e to general	1	First 25	13	16	19	22	2	7	22	1 5	: ‡	= =	2 6	5 6	192
eff furnace		Total	18	50	102	138	124	£ %	40	2 2	2 5	2 5	5	9 0	633
led for 80%	Usade	, D .	2	34	8	116	103	8 8	25	¥ 4	0 0	N C	o	0	441
190 therms needed for 80% eff furnace to generate 353 needed therm	Annual Usade	Non-Heaf Heaf	13	5 4	5 6	3 2	3 5	7 2	2 5	7 5	- 7	- \$	2 5	2 9	192
190	3		ŧ	ž č	200	3 5	197	C L	Mai	Ā.	May	Ę.	100	n de s	Total

			_	_										_	_
		Total Cost	\$25.00	\$64.84	\$123.28	\$163.97	\$148.40	\$106.95	\$61.74	\$29.28	\$18.40	\$15.98	\$16.05	\$16.13	\$790.02
		Srvc Chrg	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$90.00
y Chrgs	Over 50	1.08259	\$0.00	\$0.00	\$35.73	\$71.45	\$57.38	\$16.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$180.79
Commodi	Vext 25 C	1.18898	\$0.00	\$10.70	\$29.72	\$29.72	\$29.72	\$29.72	\$2.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$131.98
Heat Load	First 25	1.24978	\$6.25	\$31.24	\$31.24	\$31.24	\$31.24	\$31.24	\$31.24	\$7.50	\$2.50	\$0.00	\$0.00	\$0.00	\$203.74
ty Chrgs	Over 50	0	\$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
Commodi	Vext 25 C	#DIV/0i	\$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
Base Load	First 25	1.35952	\$11.25	\$15.40	\$19.08	\$24.05	\$22.56	\$22.24	\$20.62	\$14.28	\$8.40	\$8.48	\$8.55	\$8.63	\$183.54
		rti Chk	14	45	96	132	118	80	43	18	တ	7	7	7	929
		Over 50 1	0	0	33	99	23	15	0	0	0	0	0	0	167
	Heat	Next 25 C	0	ത	22	25	22	25	2	0	0	0	0	0	111
		irst 25 N	2	22	22	52	22	25	25	9	2	0	0	0	163
d therms		Over 50 Fi	0	0	0	0	0	0	0	0	0	0	0	0	82
353 neede	Non-Heat	Next 25 O	0	0	0	0	0	0	0	0	0	0	0	0	0
o generate	z	First 25 No	6	Ξ	13	16	5	15	16	12	7	7	7	7	135
mace t		II.	14	45	96	132	118	80	43	18	o	7	7	7	576
. 80% eff fui		Total	2	34	83	. 116	103	65	27	9	7	0	0	0	441 ;
135 therms needed for 80% eff fumace to generate 353 needed therr	Annual Usage	Non-Heat Heat	တ	Ξ	13	16	15	5	16	12	7	7	7	7	135
135 the		N	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Max	Jun	107	Aug	Sep	Total

Chattanooga Gas Company

Attrition Year Projected Rates in \$/Therm

•			
	First 25	Next 25	Over 50
Oct	\$1.24978	\$1.18898	\$1.08259
Nov	\$1.39984	\$1.30864	\$1.28331
Dec	\$1.46784	\$1.37664	\$1.35131
Jan	\$1.50284	\$1.41164	\$1.38631
Feb	\$1.50384	\$1.41264	\$1.38731
Mar	\$1.48284	\$1.39164	\$1.36631
Apr	\$1.28884	\$1.19764	\$1.17231
May	\$1.19028	\$1.12948	\$1.02309
Jun	\$1.19998	\$1.13918	\$1.03279
Jul	\$1.21148	\$1.15068	\$1.04429
Aug	\$1.22098	\$1.16018	\$1.05379
Sep	\$1.23278	\$1.17198	\$1.06559

Chattanooga Gas Company TRA FG Item No 32 7/13/2006 1 of 1

FG-32

Provide a list of the LDC's customers who have changed rate classes in the test period. Show the schedule movement and any adjustments you have made to the bills and usage for the attrition period. Provide the number of net additions by customer classification and by month for the latest 24 months.

Response:

Please see the attached schedule titled TRA MFG-32 for the movement of customers who have changed rate classes in the test period and for the net additions by customer classification and by month.

In June 2005, each industrial customer elected either sales service or transport service for the upcoming year. Base rates are the same for both services. The changes in elections can be seen in MFG-31.

During the Test Year period, two customers moved from the Commercial C-1 customer class to the T-3 customer class. Customers served under the T-3 customer class do not purchase gas from CGC, but instead, purchase their gas from a third party and transport the gas through the CGC distribution system. Base rates are the same for customers served under both the Commercial C-1 and T-3 customer classes.

Recently, two industrial customers discontinued service on CGC's distribution system. One customer ceased service in October 2005 and the other ceased service in January 2006. The loss of throughput from these customers has been taken into account in the Company's Attrition Year period forecast.

This response was prepared by or under the supervision of Philip G. Buchanan, Rates and Regulatory Consultant, AGL Services Company.

Chattanooga Gas Company TRA MFG 32 Change Customer Class 1 of 1

Chattanooga Gas Company Change of Customer Classifications

Commercial C-1 to T-3

व्य		.al	24,945	al	24,945 19,172
2005 Total		2006 Total	19,	2007 Total	24,6
Dec	3,051 1,171	Dec	3,050 1,170	Dec	3,050
Actual Nov	2,406 1,160	Nov	2,410 1,160	Nov	2,410 1,160
Xemal Oct	2,085 1,944	Oct	2,090 1,940	Oct	2,090
Sep	1,615 1,616	Sep	1,610 1,620	Sep	1,610 1,620
_∆€mal⊪ Aug	1,569 1,731	Aug	1,570 1,730	Aug	1,570 1,730
Aemal Jul	1,566 1,442	Jul	1,570 1,440	Jul	1,570 1,440
Aettal	1,561 1,081	Jun	1,560 1,080	Jun	1,560 1,080
May		Мау	2,000	Мау	2,000
Actual	Commercial C-1 Tariff Commercial C-1 Tariff	Apr	2,000	Apr	2,000
Actual: Mar		Mar	2,000	Маг	2,000 2,000
- Actual Feb	Served under Served under	Feb	2,448 1,562	Feb	2,448 1,562
Actual Actual I		Jan 06	2,637 1,471	Jan 07	2,637 1,471
Account Number Jan 05	28-9-24000 28-9-25000	Account Number	28-9-24000 28-9-25000	Account Number	28-9-24000 28-9-25000

Industrial Customer Loss

Chattanooga Gas any TRA Incr G 32 Net Additions 1 of 1

CHATTANOOGA GAS COMPANY CGC Schedule FG - 32 Net Additions

SIAL	t Additions													7	-	-	-	0	-	ကု	വ	4	4	4	4	ကု	-5	ကု	4	ကု	φ.	ξ,	† '	ဂ္	ကု	4	4	-	0	-	-	-
INDUSTRIAL	Customers Net Additions	72	72	72	73	73	74	82	71	73	73	72	72	74	73	73	74	73	75	73	92	11	11	92	9/	71	71	20	20	20	72	72	7.7	72	72	72	72	72	71	71	71	7
COMMERCIAL	Customers Net Additions													29	29	54	104	173	150	117	20	\$	64	12	43	-14	52	62	145	28	-58	29	171	129	26	83	119	133	20	မှ	-157	-114
COMM	Customers	8,409	8,465	8,464	8,352	8,199	8,068	7,958	7,942	7,912	7,988	8,174	8,369	8,476	8,532	8,518	8,456	8,372	8,218	8,075	7,992	2,996	8,052	8,186	8,412	8,462	8,584	8,580	8,601	8,430	8,189	8,142	8,163	8,125	8,149	8,269	8,531	8,595	8,604	8,574	8,444	8,316
R4 MULTI-FAMILY	Customers Net Additions													7	0	0	0	0	0	0	0	0	0	7	٦	7	7	7	7	7	7	7	7	7	7	0	0	0	0	0	0	0
R-4 MULT	Customers	4	က	က	ო	က	ო	က	က	က	က	က	က	က	ო	က	က	က	က	က	3	3	က	2	2	2	7	2	7	2	2	2	2	2	7	2	2	2	2	2	2	2
ΓIAL	Vet Additions													611	633	299	873	1,632	1,246	1,011	936	1,115	545	498	759	805	817	1,081	1,317	351	689	781	947	833	636	543	524	336	191	-71	-310	185
RESIDENTIAL	Customers Net Additions	51,902	52,128	52,129	51,494	20,657	50,237	49,882	49,703	49,746	50,514	51,431	52,100	52,513	52,761	52,728	52,367	52,289	51,483	50,893	50,639	50,861	51,059	51,929	52,859	53,318	53,578	53,809	53,684	52,640	52,172	51,674	51,586	51,694	51,695	52.472	53,383	53,654	53,769	53,738	53,374	52,825
	1	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	90-uar.	Feb-06	Mar-06	Apr-06	May-06

Net Additions calculated by subtracting current month from same month in previous year. The Industrial Class includes I-1, T-1, T-2, T-3, L-1, SS-1, and Special Contract.

Chattanooga Gas Company TRA FG Item No 34 7/13/2006 1 of 1

FG-34

Provide a copy of all weather normalization workpapers used in projecting attrition period revenues. Provide weather normalized (if applicable) sales volumes in dekatherms, by class of customer and supporting documentation for the test period. Provide computer files for this information.

Response:

Please see the schedule titled TRA MFG 34 for a summary of the normalized sales volumes by class for the test period.

Distribution volumes during the test period for the Residential and Commercial customer classes were normalized for weather. Distribution volumes for the industrial customer classes are not necessarily weather dependant and are not subject to weather normalized billing. Test period volumes for industrial customers are shown as actual, not weather normalized.

The Residential and Commercial class' volumes were normalized separately, but in the same manner. The general methodology used to normalize distribution volumes by class for Residential, and Commercial is as follows:

- 1. 72 months of historical cycle-billed consumption, temperature, and price data, over the period January 2000 through December 2005 were gathered.
- 2. For each month, the number of Sales Degree Days ("SDD"), Meter Read Days ("MRD"), and actual average use per day were calculated. SDDs are defined as the average number of heating degree days per day experienced by the 21 billing cycles during a month. MRDs are defined as the average number of days of the 21 billing cycles during the month.
- 3. Monthly SDD, MRD, actual average use per day, and retail commodity price were used as data points in order to perform regression analysis to establish a mathematical relationship between usage and weather and usage and price. The forecasting software Forecast Pro XE was used to develop the formulas for use per customer per day. The results of the Forecast Pro XE analysis is presented as Exhibit PGB-4 of the direct testimony of Philip Buchanan.
- 4. Normal Sales Degree Days and forecasted Attrition Year period retail commodity prices were then applied to the usage formulas to calculate normalized use per customer per day. Normal heating degree days are the most recent 30-year normal heating degree days for the Chattanooga area ending 2005. Monthly normal SDDs were calculated in the same manner as described above for actual SDD. Forecasted Attrition Year period retail commodity prices

Chattanooga Gas Company TRA FG Item No 34 7/13/2006 1 of 1

were developed by adding the historical average difference between wholesale and retail commodity prices to the NYMEX futures most recent settle price as of June 15, 2006.

- 5. Normalized use per customer per day was then multiplied by the monthly MRDs in the test year to calculate normalized use per customer per month.
- Normalized use per customer per month was multiplied by the actual number of
 customers each month during the test year period to calculate normalized class
 throughput.

Please see the attached schedules "Calculation of SDD and MRD 2005-2006" and "Calculation of SDD and MRD 2006-2007" for the calculation of SDDs and MRDs. The calculation of normal heating degree days are filed as part of MFG-25. The application of the usage formulas to normalize test year period usage can be seen in the Revenue Model, also filed as part of MFG-25.

A general description of the normalization process can also be seen in the direct testimony of Philip Buchanan, beginning on page 7.

Weather Normalization Adjustment ("WNA") factors were calculated for the Residential, total Commercial, proposed Commercial C-1, proposed Commercial C-2, and Multi-Family rate classes. WNA factors were calculated by applying linear regression techniques in Microsoft Excel to the use per customer and normal weather forecasted for the Attrition Year period. The calculation can be seen in the attached schedule titled "Calculation of WNA Factors".

All files are also included on the CD provided with this response.

This response was prepared by or under the supervision of Philip G. Buchanan, Rates and Regulatory Consultant, AGL Services Company.

Chattanooga Gas Company Summary of Normalized Throughput For the Test Year Period ending December 2005

Consumption Table (in Therms)

Firm Sales	Jan 05 Fe	di Xe(va l in Feb	Actual	Apr	May	Actual	Actual Man	Aug	Actual Sep	Actual Oct	MACUST MAIN	MXGUAL III Dec	2005 Total
R-1 Residental	7,440,500	7,001,300	6,879,700	3,610,900	1,816,700	903,700	709,500	669,400 3.150	699,600	947,400	2,378,000	5,181,000	37,237,700
C-1 Small Commercial & Industrial	2.141.900	1.665,200	1.441.200	760,600	229,900	161,800	113,800	101,200	110,100	186,700	349,600	1,165,500	8,427,500
C-2 Large Commercial & Industrial (Proposed)	3,691,600	4,339,900	3,448,700	2,961,200	1,966,200	1,460,100	1,401,300	1,344,500	1,404,200	1,447,200	2,207,900	3,436,500	29,109,300
I-1 Large Volume Standby Sales Service				000	100 000 1	900	200	4 200 000	100.4	200	202 207	100	100 100
1-1/T-2 Full Standby Service	206,148	147,054	1,426,973	1,144,800	1,200,001	0,11,1	024,160,1	000,022,1	0,44,415	0,800	137,103	0,4,124	990,99
1-17-2 + 11 Falual Standby Sales Serving	ľ	149.588	1.428,386	1.185,080	1.298.210	1,111,985	1.051.420	1,223,330	1.224.415	1.415.965	137,703	421.475	10,896,466
sub-101al/Firm Sales (1987) 13, 13, 13, 13, 13, 13, 13, 13, 13, 13,	13,635,639		12,209,226	8,522,960	67.708	3,641,616	3,279,170	3,341,680	3,441,476	38	5,083,390 -0,10,214,562	(10,214,662	86,752,779
Interruptible Sales L-1 Interruptible Service SC 1 Second Service	26,153	44,367	53,229	46,489	59,414	49,318	43,708	52,720	32,900	43,074	37,837	28,885	518,094
Son Sub-Total marringuisis Sales and Sales	A 26,153	44,367	63,229		44.367 a. 1617.219 S. 16. 489	48,318	43,708		32,900	43074	. 7.837.	28,886	
sub-Total Sales Service	13,561,782	13,212,075	12,282,455	8,569,449	5,374,844	3,690,833	3,322,878	3,384,300	3,474,375	4,043,099	5,121,227	10,243,547	86,270,873
Transportation	1,598,799	1,526,865	204,185	109,588	281,886	400,838	412,376	296,479	112,122	102,916	1,555,762	1,405,959	8,007,765
L1/T2 + T1 Large Volume Firm Service with Partial S	•••	1,976,049	2,183,108	2,046,228	1,868,951	1,856,362	1,655,408	1,774,735	1,594,786	1,683,368	1,911,442	1,477,119	22,276,519
T-1 Interruptible Transportation Service		2,504,971	2,705,437	2,430,814	2,789,521	2,324,954	2,187,959	2,374,391	2,022,890	2,275,670	2,432,393	1,842,808	28,663,037
T-3 Low Volume Transportation Service	0	0	0	0	0	26,423	30,085	32,996	32,305	40,292	35,667	42,212	239,980
SS-1 Special Service	1,103,762	848,081	1,111,206	1,079,286	1,563,336	1,646,536	1,718,363	1,460,564	791,320	813,646	1,210,688	1,023,160	14,369,948
sub-Total Transportation - St. St. St. B. 283,834 - St. B. 283,834 - St. B. 283,834 - St. B. 283,834 - St. B.	6 283,834	6,481,788	181,788 6,020,171	5,567,287	6,249,995,	6,894,369	. 5,633,063	5,672,334	4,462,513	14,823,268	6,745,766	A,625,895 T	73,557,249
Total Sales and Transportation	19,845,626	18,693,863	18,282,626	14,136,736	11,624,839	9,585,192	8,955,931	9,066,634	7,928,888	8,866,367	10,866,993	14,769,442	159,828,122

Chattanooga Gas Company Workpapers - Calculation of WNA Factors 1 of 6

Chattanooga Gas Company Proposed Weather Normalization Factors

	Weighted	Heat Sensitive	
	Base Rate	Factor - HSF	Base Load -
Rate Schedule	(\$therm)	(therm)	BL (therm)
Residential	0.277925	0.165633	10.994
Proposed Commercial C-1	0.323621	0.265250	0.000
Proposed Commercial C-2	0.197580	2.340340	793.962
Total Commercial	0.222254	0.684355	173.918
Multi-Family R-1	0.204823	0.068798	18.019

Chattanooga Gas Company Weather Normalization Adjustment (WNA) Factors Residential

Calculation of Base Load and Heat Sensitive Factor

			Normal Sales
		Use per	(Heating)
		Customer	Degree Days
	Jan-07	143.1	790
	Feb-07	128.9	714
	Mar-07	91.2	487
	Apr-07	53.7	268
	May-07	26.5	105
	Jun-07	15.3	19
	Jul-07	12.1	0
	Aug-07	12.2	0
	Sep-07	12.1	1
	Oct-07	21.5	70
	Nov-07	53.9	265
	Dec-07_	105.7	567
Total		676.2	3,286

SUMMARY OUTPUT

Regression S	tatistics
Multiple R	0.999693659
R Square	0.999387412
Adjusted R Square	0.999326153
Standard Error	1.264652948
Observations	12

ANOVA

	df	SS	MS	F	Significance F
Regression	1	26092.03653	26092.03653	16314.18	2.12351E-17
Residual	10	15.99347079	1.599347079		
Total	11	26108.03			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	10.99415907	0.50928861	21.58728637	1.02E-09	9.859393341	12.12892481
Heat Sensitivity	0.165633016	0.001296774	127.7269754	2.12E-17	0.162743624	0.168522409

Calulation of Weighted Base Rate - R

SUMMARY	
Base Load - BL	10.994
Heat Sensitive Factor - HSF	0.165633
Weighted Base Rate - R	0.277925

Chattanooga Gas Company Weather Normalization Adjustment (WNA) Factors Total Commercial

Calculation of Base Load and Heat Sensitive Factor

			Normal Sales
		Use per	(Heating)
		Customer	Degree Days
	Jan-07	737.5	790
	Feb-07	663.1	714
	Mar-07	491.9	487
	Apr-07	331.3	268
	May-07	225.6	105
	Jun-07	203.2	19
	Jul-07	186.3	0
	Aug-07	188.8	0
	Sep-07	186.7	1
	Oct-07	215.6	70
	Nov-07	340.0	265
	Dec-07	565.8	567
Total	_	4,335.8	3,286

SUMMARY OUTPUT

Regression Statistics					
Multiple R	0.996740515				
R Square	0.993491654				
Adjusted R Square	0.99284082				
Standard Error	17.08210781				
Observations 1:					

ANOVA

	df	SS	MS	F	Significance F
Regression	1	445426.9926	445426.9926	1526.489	2.88161E-12
Residual	10	2917.984073	291.7984073		
Total	11	448344.9767			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	173.9175669	6.87913863	25.28188139	2.15E-10	158.5898909	189.2452429
Heat Sensitivity	0.684354594	0.017515978	39.07030551	2.88E-12	0.645326564	0.723382624

Calulation of Weighted Base Rate - R

Winter Commodity
Charge Weighted Base
Revenue Winter therms Rate
2007 \$5,955,680 26,796,700 0.222254

SUMMARY	
Base Load - BL	173.918
Heat Sensitive Factor - HSF	0.684355
Weighted Base Rate - R	0.222254

Chattanooga Gas Company Weather Normalization Adjustment (WNA) Factors <u>Proposed Commercial C-1</u>

Calculation of Base Load and Heat Sensitive Factor

		Normal Sales
	Use per	(Heating)
	Customer	Degree Days
Jan-07	230.1	790
Feb-07	212.5	714
Mar-07	132.4	487
Apr-07	62.5	268
May-07	20.5	105
Jun-07	18.8	19
Jul-07	10.1	0
Aug-07	8.8	0
Sep-07	8.9	1
Oct-07	13.2	70
Nov-07	27.7	265
Dec-07	115.4	567
_	860.9	3,286

SUMMARY OUTPUT

Regression Statistics					
Multiple R	0.982771988				
R Square	0.96584078				
Adjusted R Square	0.87493169				
Standard Error	20.46208024				
Observations	12				

ANOVA

Total

	df	SS	MS	F	Significance F
Regression	1	130223.646	130223.646	311.0214	7.31384E-09
Residual	11	4605.664005	418.6967277		
Total	12	134829.31			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0					
Normal Sales (Heat	0.265249529	0.015040403	17.63579906	2.05E-09	0.232145824	0.298353233

Calulation of Weighted Base Rate - R

	Winter Commodity		
	Charge		Weighted Base
	Revenue	Winter therms	Rate
2007	\$1,697,650	5,245,800	0.323621

SUMMARY	
Base Load - BL	0
Heat Sensitive Factor - HSF	0.26525
Weighted Base Rate - R	0.323621

Chattanooga Gas Company Weather Normalization Adjustment (WNA) Factors Proposed Commercial C-2

Calculation of Base Load and Heat Sensitive Factor

				Normal Sales
		Use per		(Heating)
		Customer		Degree Days
	Jan-07	2,671.4	_	790
	Feb-07	2,398.6		714
	Mar-07	1,872.5		487
	Apr-07	1,354.1		268
	May-07	986.2		105
	Jun-07	867.1		19
	Jul-07	810.1		0
	Aug-07	821.9		0
	Sep-07	808.5		1
	Oct-07	927.2		70
	Nov-07	1,460.1		265
	Dec-07	2,240.2		567
Total		17,217.9	_	3,286

SUMMARY OUTPUT

Regression Statistics					
Multiple R	0.996599408				
R Square	0.993210379				
Adjusted R Square	0.992531417				
Standard Error	59.67442295				
Observations	12				

ANOVA

	df	SS	MS	F	Significance F
Regression	1	5209213.855	5209213.855	1462.836	3.56091E-12
Residual	10	35610.36755	3561.036755		
Total	11	5244824.223			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	793.9618089	24.03149732	33.03838285	1.52E-11	740.4162962	847.5073215
Heat Sensitivity	2.340340321	0.061190098	38.24704311	3.56E-12	2.204000286	2.476680355

Calulation of Weighted Base Rate - R

	Winter Commodity		
	Charge		Weighted Base
	Revenue	Winter therms	Rate
2007	\$4,258,030	21,550,900	0.19758

SUMMARY	
Base Load - BL	793.962
Heat Sensitive Factor - HSF	2.34034
Weighted Base Rate - R	0.19758

Chattanooga Gas Company Weather Normalization Adjustment (WNA) Factors <u>Multi-Family R-4</u>

Calculation of Base Load and Heat Sensitive Factor

		Normal Sales
		(Heating)
	Use per Unit	Degree Days
Jan-07	68.8	790
Feb-07	63.4	714
Mar-07	60.8	487
Apr-07	28.0	268
May-07	23.9	105
Jun-07	21.2	19
Jul-07	17.0	0
Aug-07	17.0	0
Sep-07	17.1	1
Oct-07	14.9	70
Nov-07	55.1	265
Dec-07	<u>55.1</u>	567_
	442.3	3,286

SUMMARY OUTPUT

Regression Statistics					
Multiple R	0.938010451				
R Square	0.879863607				
Adjusted R Square	0.867849967				
Standard Error	7.839977854				
Observations	12				

ANOVA

Total

71110 1711					
	df	SS	MS	F	Significance F
Regression	1	4501.636639	4501.636639	73.23872	6.49286E-06
Residual	10	614.6525275	61.46525275		
Total	11	5116.289167			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	18.01904674	3.157238855	5.707216832	0.000196	10.98428021	25.05381326	10.98428021	25.05381326
Normal Sales (Heat	0.068798369	0.008039106	8.557962567	6.49E-06	0.050886124	0.086710613	0.050886124	0.086710613

Calulation of Weighted Base Rate - R

	Winter Commodity		
	Charge		Weighted Base
	Revenue	Winter therms	Rate
2007	\$12,544	61,243	0.204823

SUMMARY	
Base Load - BL	18.019
Heat Sensitive Factor - HSF	0.068798
Weighted Base Rate - R	0.204823

Cycle	Sep-05	Oct-05	Nov-05	Dec-05	Jan-06	Feb-06	Mar-06	Apr-06
1	-9	-9	-7	-8	-8	-6	-3	-1
2	-8	-8	-6	-7	-7	-5	0	0
3	-7	-7	-5	-2	-3	-4	1	1
4	-6	-4	-4	-1	-2	0	1	3
5	-5	-3	-3	0	-1	1	2	4
6	-2	-2	0	1	0	1	3	5
7	-1	-1	1	2	3	2	6	6
8	0	0	2	5	4	6	7	7
9	1	4	3	6	5	7	8	10
10	2	5	4	7	6	8	9	11
11	6	7	7	8	9	9	13	12
12	7	10	8	9	10	10	14	13
13	8	11	9	12	11	13	15	17
14	9	12	10	13	12	14	16	18
15	12	13	11	14	13	15	17	19
16	13	14	14	15	17	16	20	20
17	14	17	15	16	18	17	21	21
18	15	18	16	17	19	20	22	24
19	16	19	17	19	20	21	23	25
20	19	20	18	20	21	22	27	26
21	20	21	21	21	23	23	28	27
Cycle	1	2	3	4	5	6	7	8
Sep-05	22-Mon	23-Tue	24-Wed	25-Thu	26-Fri	29-Mon	30-Tue	31-Wed
Oct-05	21-Wed	22-Thu	23-Fri	26-Mon	27-Tue	28-Wed	29-Thu	30-Fri
Nov-05	24-Mon	25-Tue	26-Wed	27-Thu	28-Fri	31-Mon	1-Tue	2-Wed
Dec-05	22-Tue	23-Wed	28-Mon	29-Tue	30-Wed	1-Thu	2-Fri	5-Mon
Jan-06	23-Fri	24-Sat	28-Wed	29-Thu	30-Fri	31-Sat	3-Tue	4-Wed
Feb-06	25-Wed	26-Thu	27-Fri	31-Tue	1-Wed	1-Wed	2-Thu	6-Mon
Mar-06	25-Sat	28-Tue	1-Wed	1-Wed	2-Thu	3-Fri	6-Mon	7-Tue
Apr-06	30-Thu	31-Fri	1-Sat	3-Mon	4-Tue	5-Wed	6-Thu	7-Fri
May-06	29-Sat	1-Mon	2-Tue	3-Wed	4-Thu	5-Fri		9-Tue
Jun-06	1-Thu	1-Thu	2-Fri	5-Mon	6-Tue	7-Wed	8-Thu	9-Fri
Jul-06	30-Fri	1-Sat	3-Mon	5-Wed	6-Thu	7-Fri		11-Tue
Aug-06	1-Tue	2-Wed	3-Thu	4-Fri	7-Mon	8-Tue	9-Wed	10-Thu
Sep-06	31-Thu	1-Fri	1-Fri	5-Tue	6-Wed	7-Thu	8-Fri	11-Mon

May-06	Jun-06	Jul-06	Aug-06	Sep-06		Cycle	Sep-05	Oct-05
-1	1	0	1	0		1	22-Mon	21-Wed
1	1	1	2	1		2	23-Tue	22-Thu
2	2	3	3	1		3	24-Wed	23-Fri
3	5	5	4	5		4	25-Thu	26-Mon
4	6	6	7	6		5	26-Fri	27-Tue
5	7	7	8	7		6	29- M on	28-Wed
8	8	10	9	8		7	30-Tue	29-Thu
9	.9	11	10	11		8	31-Wed	30-Fri
10	12	12	11	12		9	1-Thu	4-Tue
11	13	13	14	13		10	2-Fri	5-Wed
12	14	14	15	14		11	6-Tue	7-Fri
15	15	17	16	15		12	7-Wed	10-Mon
16	16	18	17	18		13	8-Thu	11-Tue
17	19	19	18	19		14	9-Fri	12-Wed
18	20	20	21	20		15	12-Mon	13-Thu
19	21	21	22	21		16	13-Tue	14-Fri
22	22	24	23	22		17	14-Wed	17-Mon
23	23	25	24	25		18	15-Thu	18-Tue
24	26	26	25	26		19	16-Fri	19-Wed
25	27	27	28	27		20	19-Mon	20-Thu
26	28	28	29	28		21	20-Tue	21-Fri
9	10	11	12	13	14	15	16	17
1-Thu		6-Tue	7-Wed	8-Thu	9-Fri	12-Mon	13-Tue	14-Wed
4-Tue	5-Wed	7-Fri	10-Mon	11-Tue	12-Wed	13-Thu	14-Fri	17-Mon
3-Thu	4-Fri	7-Mon	8-Tue	9-Wed	10-Thu	11-Fri	14-Mon	15-Tue
6-Tue		8-Thu	9-Fri		13-Tue	14-Wed	15-Thu	16-Fri
5-Thu	6-Fri	9-Mon	10-Tue	11-Wed	12-Thu	13-Fri	17-Tue	18-Wed
7-Tue		9-Thu	10-Fri	13-Mon	14-Tue	15-Wed	16-Thu	17-Fri
8-Wed	9-Thu	13-Mon	14-Tue	15-Wed	16-Thu	17-Fri	20-Mon	21-Tue
10-Mon	11-Tue	12-Wed	13-Thu	17-Mon	18-Tue	19-Wed	20-Thu	21-Fri
10-Wed		12-Fri	15-Mon	16-Tue	17-Wed	18-Thu	19-Fri	22-Mon
12-Mon	13-Tue	14-Wed	15-Thu	16-Fri	19-Mon	20-Tue	21-Wed	22-Thu
12-Wed		14-Fri	17-Mon		19-Wed	20-Thu	21-Fri	24-Mon
11-Fri		15-Tue	16-Wed		18-Fri	21-Mon	22-Tue	23-Wed
12-Tue	13-Wed	14-Thu	15-Fri	18-Mon	19-Tue	20-Wed	21-Thu	22-Fri

Nov-05	Dec-05	Jan-06	Feb-06	Mar-06	Apr-06	May-06		Jul-06
24-Mon	22-Tue	23-Fri	25-Wed	25-Sat	30-Thu	29-Sat	1-Thu	30-Fri
25-Tue	23-Wed	24-Sat	26-Thu	28-Tue	31-Fri	1-Mon	1-Thu	1-Sat
26-Wed	28-Mon	28-Wed	27-Fri	1-Wed	1-Sat	2-Tue	2-Fri	3-Mon
27-Thu	29-Tue	29-Thu	31-Tue	1-Wed	3-Mon	3-Wed	5-Mon	5-Wed
28-Fri	30-Wed	30-Fri	1-Wed	2-Thu	4-Tue	4-Thu	6-Tue	6-Thu
31-Mon	1-Thu	31-Sat	1-Wed	3-Fri	5-Wed	5-Fri		7-Fri
1-Tue	2-Fri	3-Tue	2-Thu	6-Mon	6-Thu	8-Mon	8-Thu	10-Mon
2-Wed	5-Mon	4-Wed	6-Mon	7-Tue	7-Fri	9-Tue	9-Fri	11-Tue
3-Thu	6-Tue	5-Thu	7-Tue	8-Wed	10-Mon	10-Wed	12-Mon	12-Wed
4-Fri	7-Wed	6-Fri	8-Wed	9-Thu	11-Tue	11-Thu	13-Tue	13-Thu
7-Mon	8-Thu	9-Mon	9-Thu	13-Mon	12-Wed	12-Fri	14-Wed	14-Fri
8-Tue	9-Fri	10-Tue	10-Fri	14-Tue	13-Thu	15-Mon	15-Thu	17-Mon
9-Wed	12-Mon	11-Wed	13-Mon	15-Wed	17-Mon	16-Tue	16-Fri	18-Tue
10-Thu	13-Tue	12-Thu	14-Tue	16-Thu	18-Tue	17-Wed	19-Mon	19-Wed
11-Fri	14-Wed	13-Fri	15-Wed	17-Fri	19-Wed	18-Thu	20-Tue	20-Thu
14-Mon	15-Thu	17-Tue	16-Thu	20-Mon	20-Thu	19-Fri		21-Fri
15-Tue	16-Fri	18-Wed	17-Fri	21-Tue	21-Fri		22-Thu	24-Mon
16-Wed	17-Sat	19-Thu	20-Mon	22-Wed	24-Mon			25-Tue
17-Thu	19-Mon	20-Fri	21-Tue	23-Thu	25-Tue	24-Wed		26-Wed
18-Fri		21-Sat	22-Wed	27-Mon				27-Thu
21-Mon	21-Wed	23-Mon	23-Thu	28-Tue	27-Thu	26-Fri	28-Wed	28-Fri
40	19	20	21					
18								
15-Thu	16-Fri	19-Mon	20-Tue					
18-Tue		20-Thu	21-Fri					
16-Wed		18-Fri	21-Mon					
17-Sat		20-Tue	21-Wed					
19-Thu			23-Mon					
20-Mon		22-Wed	23-Thu					
22-Wed		27-Mon	28-Tue					
24-Mon		26-Wed	27-Thu					
23-Tue		25-Thu	26-Fri					
23-Fri		27-Tue	28-Wed					
25-Tue		27-Thu						
24-Thu								
25-Mon	26-Tue	27-Wed	28-Thu					

Aug-06	Sep-06
1-Tue	31-Thu
2-Wed	1-Fri 1-Fri
3-Thu	1-Fri
4-Fri	5-Tue
7-Mon	6-Wed
8-Tue	7-Thu
9-Wed	8-Fri
10-Thu	11-Mon
11-Fri	12-Tue
14-Mon	13-Wed
15-Tue	14-Thu
16-Wed	15-Fri
17-Thu	18-Mon
18-Fri	19-Tue
21-Mon	20-Wed
22-Tue	21-Thu
23-Wed	22-Fri
24-Thu	25-Mon
25-Fri	26-Tue
28-Mon	
29-Tue	28-Thu

Weather Normalization Workpapers Calculation of SDD and MRD 2005-2006 1 of 2

Chattanooga Gas Company Year 2005 - 2006 Forecast 1975 - 2005 Thirty Year Normal Weather Distribution (65°F Base), Non-Leap Year

Total	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,291	3,293	3,294	3.295	3,286		3,286	3.286	
Sept	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ເດ	7	89	ol	-	3,286	-	14	
And	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	OI	0	3,285	0	6	,
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	01	0	3,285	0	•	,
June	47	40	37	8	31	27	23	20	18	17	16	13	12	=	10	6	9	S	ß	S	41	19	3,285	19	•	,
May	184	184	177	161	156	153	149	142	122	115	110	108	88	2	8	9/	75	63	28	92	ચિ	114	3,266	114	\$	}
Apr	460	413	405	424	414	404	369	384	370	362	302	293	599	291	283	253	245	245	235	197	192	325	3,152	325	724	=
Mar	683	712	704	905	288	616	636	226	545	535	576	292	512	203	496	512	206	460	457	484	477	228	2,827	559	406	403
Feb	845	847	765	841	841	817	772	843	846	846	797	793	834	828	821	737	728	760	750	737	<u>700</u>	798	2,268	798	101	100
Jan 2006	621	628	658	665	670	675	725	069	694	869	751	759	723	731	738	820	826	831	811	815	845	730	1,470	730	•	66/
Dec	325	334	405	414	425	422	434	485	497	510	495	502	554	583	571	548	553	290	592	802	286	494	740	494	***	\R9
Nov	121	128	134	135	142	163	168	174	173	179	209	208	215	224	232	271	271	280	289	296	328	207	246	207	;	415
Oct 2005	0	0		. ~	- 00	o 01	, L	12	72	7	i R	43	84	2.5	12.	8 8	28	2 6	8	8 8	102	æ	8 8	39	;	165
Cycle	-		1 ") 4	ייני) w		- 00	, o	· -	5 =	12	íΩ	5 4	Ť.		12	- 4	5 \$	e c	3 ZI	Average	Cumulative	Sales Degree Days		Calendar Degree Days

Chattanooga Gas Company Year 2005 - 2006 Forecast Calculation of Average Monthly Meter Read Days

Oct 2005	Nov	Dec	Jan 2008	Feb	Mar	Apr	May	June	VIUL	Aug	Sept	Total
	52	ģ	3	33	3	33	93	83	8	32	8	367
24	33	28	3.	33	33	31	31	31	9	32	30	368
32	33	8	င္က	30	33	31	31	31	31	3	59	368
28	3.5	33	30	33	28	33	30	33	୫	30	35	372
2 5	3.5	33	8	33	29	33	9	33	30	35	30	373
2 8	33	34	30	32	9	33	30	33	8	35	30	374
8 6	33	9	32	93	35	3	32	31	32	ଚ	30	374
30	33	33	90	33	29	31	32	3	32	ଚ	35	376
3 8	30	33	30	33	59	33	30	33	30	30	32	376
3 8	30	33	8	33	59	33	9	33	30	35	8	376
8 8	3 8	3	32	31	32	30	ଛ	33	30	32	30	373
8	8	3 5	32	સ	32	8	32	31	35	30	8	373
8 8	8	33	8	33	8	33	28	3	35	8	35	375
8 8	78 I	33	8	33	30	ಜ	28	33	30	8	35	375
3 8	ŝ	33	30	33	8	33	23	33	စ္က	35	ස	373
5 6	3 8	3 2	33	30	32	31	83	33	30	35	8	373
5 6	5 8		33	90	32	31	31	31	32	ଛ	8	373
3 %	2 5		33	32	30	83	53	31	35	8	35	375
3 8	i c	32	32	32	8	33	83	33	30	8	35	375
3 8	2 2	8	32	32	83	8	23	33	99	35	8	373
	3 5	30	33	티	ଞ	ଛା	<u>2</u> 8	33	ଖ	33	ଖ	373
l	1	۱	} ;	0	ć	5	0.00	32.2	908	34.0	30.6	373.1
30.4	30.7	31.7	31.1	32.0	80.8	9. 10	30.0	32.2	2	2	?	5
30.4	61.1	92.8	123.9	155.9	186.8	218.7	248.7	280.9	311.5	342.5	373.1	

Cycle	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07
1	0	0	0	0	3	1	3	0
2	1	3	1	2	4	2	4	1
3	1	4	2	5	5	3	6	3
4	5	5	3	6	6	6	7	4
5	6	6	4	7	9	7	8	5
6	7	7	7	8	10	8	9	6
7	8	10	8	9	11	9	10	7
8	11	11	9	12	12	10	13	10
9	12	12	10	13	13	13	14	11
10	13	13	11	14	17	14	15	12
11	14	14	14	15	18	15	16	13
12	15	17	15	16	18	16	17	17
13	18	18	16	19	19	17	20	18
14	19	19	17	20	20	21	21	19
15	20	20	18	21	23	22	22	20
16	21	21	21	22	24	23	23	21
17	22	24	22	23	25	24	24	24
18	25	25	23	27	26	27	27	25
19	26	26	28	28	27	28	28	26
20	27	27	29	29	30	29	29	27
21	28	28	30	30	31	30	30	28
Cycle	1	2	3	4	5	6	7	8
Sep-06	8/31/06	9/1/06	9/1/06	9/5/06	9/6/06	9/7/06	9/8/06	9/11/06
Oct-06	9/30/06	10/3/06	10/4/06	10/5/06	10/6/06	10/7/06	10/10/06	10/11/06
Nov-06	10/31/06	11/1/06	11/2/06	11/3/06	11/4/06	11/7/06	11/8/06	11/9/06
Dec-06	11/30/06	12/2/06	12/5/06	12/6/06	12/7/06	12/8/06	12/9/06	12/12/06
Jan-07	1/3/07	1/4/07	1/5/07	1/6/07	1/9/07	1/10/07	1/11/07	1/12/07
Feb-07	2/1/07	2/2/07	2/3/07	2/6/07	2/7/07	2/8/07	2/9/07	2/10/07
Mar-07	3/3/07	3/4/07	3/6/07	3/7/07	3/8/07	3/9/07	3/10/07	3/13/07
Apr-07	3/31/07	4/1/07	4/3/07	4/4/07	4/5/07	4/6/07	4/7/07	4/10/07
May-07	4/29/07	5/1/07	5/2/07	5/3/07	5/4/07	5/5/07	5/8/07	5/9/07
Jun-07	6/1/07	6/1/07	6/2/07	6/5/07	6/6/07	6/7/07	6/8/07	6/9/07
Jul-07	6/30/07	7/1/07	7/3/07	7/5/07	7/6/07	7/7/07	7/10/07	7/11/07
Aug-07	8/1/07	8/2/07	8/3/07	8/4/07	8/7/07	8/8/07	8/9/07	8/10/07
Sep-07	8/31/07	9/1/07	9/1/07	9/5/07	9/6/07	9/7/07	9/8/07	9/11/07

May-07	Jun-07	Jul-07	Aug-07	Sep-07		Cycle	Sep-06	Oct-06
-1	1	0	1	0		1	8/31/06	9/30/06
1	1	1	2	1		2	9/1/06	10/3/06
2	2	3	3	1		3	9/1/06	10/4/06
3	5	5	4	5		4	9/5/06	10/5/06
4	6	6	7	6		5	9/6/06	10/6/06
5	7	7	8	7		6	9/7/06	10/7/06
8	8	10	9	8		7	9/8/06	10/10/06
9	9	11	10	11	7	8	9/11/06	10/11/06
10	12	12	11	12		9	9/12/06	10/12/06
11	13	13	14	13		10	9/13/06	10/13/06
12	14	14	15	14		11	9/14/06	10/14/06
15	15	17	16	15		12	9/15/06	10/17/06
16	16	18	17	18		13	9/18/06	10/18/06
17	19	19	18	19		14	9/19/06	10/19/06
18	20	20	21	20		15	9/20/06	10/20/06
19	21	21	22	21		16	9/21/06	10/21/06
22	22	24	23	22		17	9/22/06	10/24/06
23	23	25	24	25		18	9/25/06	10/25/06
24	26	26	25	26		19	9/26/06	10/26/06
25	27	27	28	27		20	9/27/06	10/27/06
26	28	28	29	28		21	9/28/06	10/28/06
9	10	11	12	13	14	15	16	17
9/12/06	9/13/06	9/14/06	9/15/06	9/18/06	9/19/06	9/20/06	9/21/06	9/22/06
10/12/06	10/13/06	10/14/06	10/17/06	10/18/06	10/19/06	10/20/06	10/21/06	10/24/06
11/10/06	11/11/06	11/14/06	11/15/06	11/16/06	11/17/06	11/18/06	11/21/06	11/22/06
12/13/06	12/14/06	12/15/06	12/16/06	12/19/06	12/20/06	12/21/06	12/22/06	12/23/06
1/13/07	1/17/07	1/18/07	1/18/07	1/19/07	1/20/07	1/23/07	1/24/07	1/25/07
2/13/07	2/14/07	2/15/07	2/16/07	2/17/07	2/21/07	2/22/07	2/23/07	2/24/07
3/14/07	3/15/07	3/16/07	3/17/07	3/20/07	3/21/07	3/22/07	3/23/07	3/24/07
4/11/07	4/12/07	4/13/07	4/17/07	4/18/07	4/19/07	4/20/07	4/21/07	4/24/07
5/10/07	5/11/07	5/12/07	5/15/07	5/16/07	5/17/07	5/18/07	5/19/07	5/22/07
6/12/07	6/13/07	6/14/07	6/15/07	6/16/07	6/19/07	6/20/07	6/21/07	6/22/07
7/12/07	7/13/07	7/14/07	7/17/07	7/18/07	7/19/07	7/20/07	7/21/07	7/24/07
8/11/07	8/14/07	8/15/07	8/16/07	8/17/07	8/18/07	8/21/07	8/22/07	8/23/07
9/12/07	9/13/07	9/14/07	9/15/07	9/18/07	9/19/07	9/20/07	9/21/07	9/22/07

Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07
10/31/06	11/30/06	1/3/07	2/1/07	3/3/07	3/31/07	4/29/07	6/1/07	6/30/07
11/1/06	12/2/06	1/4/07	2/2/07	3/4/07	4/1/07	5/1/07	6/1/07	7/1/07
11/2/06	12/5/06	1/5/07	2/3/07	3/6/07	4/3/07	5/2/07	6/2/07	7/3/07
11/3/06	12/6/06	1/6/07	2/6/07	3/7/07	4/4/07	5/3/07	6/5/07	7/5/07
11/4/06	12/7/06	1/9/07	2/7/07	3/8/07	4/5/07	5/4/07	6/6/07	7/6/07
11/7/06	12/8/06	1/10/07	2/8/07	3/9/07	4/6/07	5/5/07	6/7/07	7/7/07
11/8/06	12/9/06	1/11/07	2/9/07	3/10/07	4/7/07	5/8/07	6/8/07	7/10/07
11/9/06	12/12/06	1/12/07	2/10/07	3/13/07	4/10/07	5/9/07	6/9/07	7/11/07
11/10/06	12/13/06	1/13/07	2/13/07	3/14/07	4/11/07	5/10/07	6/12/07	7/12/07
11/11/06	12/14/06	1/17/07	2/14/07	3/15/07	4/12/07	5/11/07	6/13/07	7/13/07
11/14/06	12/15/06	1/18/07	2/15/07	3/16/07	4/13/07	5/12/07	6/14/07	7/14/07
11/15/06	12/16/06	1/18/07	2/16/07	3/17/07	4/17/07	5/15/07	6/15/07	7/17/07
11/16/06	12/19/06	1/19/07	2/17/07	3/20/07	4/18/07	5/16/07	6/16/07	7/18/07
11/17/06	12/20/06	1/20/07	2/21/07	3/21/07	4/19/07	5/17/07	6/19/07	7/19/07
11/18/06	12/21/06	1/23/07	2/22/07	3/22/07	4/20/07	5/18/07	6/20/07	7/20/07
11/21/06	12/22/06	1/24/07	2/23/07	3/23/07	4/21/07	5/19/07	6/21/07	7/21/07
11/22/06	12/23/06	1/25/07	2/24/07	3/24/07	4/24/07	5/22/07	6/22/07	7/24/07
11/23/06	12/27/06	1/26/07	2/27/07	3/27/07	4/25/07	5/23/07	6/23/07	7/25/07
11/28/06	12/28/06	1/27/07	2/28/07	3/28/07	4/26/07	5/24/07	6/26/07	7/26/07
11/29/06	12/29/06	1/30/07	3/1/07	3/29/07	4/27/07	5/25/07	6/27/07	7/27/07
11/30/06	12/30/06	1/31/07	3/2/07	3/30/07	4/28/07	5/26/07	6/28/07	7/28/07
18	19	20	21					
9/25/06	9/26/06	9/27/06	9/28/06					
10/25/06	10/26/06	10/27/06	10/28/06					
11/23/06	11/28/06	11/29/06	11/30/06					
12/27/06	12/28/06	12/29/06	12/30/06					
1/26/07	1/27/07	1/30/07	1/31/07					
2/27/07	2/28/07	3/1/07	3/2/07					
3/27/07	3/28/07	3/29/07	3/30/07					
4/25/07	4/26/07	4/27/07	4/28/07					
5/23/07	5/24/07	5/25/07	5/26/07			-		
6/23/07	6/26/07	6/27/07	6/28/07					
7/25/07	7/26/07	7/27/07	7/28/07					
8/24/07	8/25/07	8/28/07	8/29/07					
9/25/07	9/26/07	9/27/07	9/28/07					

Aug-07	Sep-07
8/1/07	8/31/07
8/2/07	9/1/07
8/3/07	9/1/07
8/4/07	9/5/07
8/7/07	9/6/07
8/8/07	9/7/07
8/9/07	9/8/07
8/10/07	9/11/07
8/11/07	9/12/07
8/14/07	9/13/07
8/15/07	9/14/07
8/16/07	9/15/07
8/17/07	9/18/07
8/18/07	9/19/07
8/21/07	
8/22/07	9/21/07
8/23/07	9/22/07
8/24/07	9/25/07
8/25/07	9/26/07
8/28/07	9/27/07
8/29/07	9/28/07

Chattanooga Gas Company

Year 2006 - 2007 Forecast 1975 - 2005 Thirty Year Normal Weather Distribution (63*F Base), Non-Leap Year

Total	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286	3,286		2 206	2,400
Sept	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	60	O)	-	3,286	-	-
Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	OI	0	3,285		>
<u>Vint</u>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	OI	0	3,285	ļ	>
June	47	4	37	34	3	27	22	20	18	17	16	13	12	=	10	თ	9	ĸ	ß	Ŋ	41	19	3,285	Ş	ž
Мау	177	174	158	153	149	144	140	120	114	109	105	88	83	79	75	72	62	29	52	20	47	105	3,266		105
Apr	360	354	345	339	330	323	316	288	282	274	265	272	243	236	228	218	219	193	187	184	8	268	3,161		268
Mar	616	809	613	556	545	535	526	553	498	489	483	477	494	430	428	425	421	398	390	380	370	487	2,893	1	487
Feb	748	749	748	793	748	745	742	736	778	698	691	710	701	750	683	874	999	694	989	628	623	714	2,406		714
Jan 2007	783	748	714	720	772	778	787	752	758	841	847	826	784	787	845	846	845	764	765	818	817	790	1,692		230
Dec	403	434	485	497	510	495	502	554	563	571	548	553	607	616	626	611	621	711	658	685	020	292	905		267
Nov	160	181	165	170	176	503	208	215	224	232	27.1	27.1	280	289	296	329	325	334	405	414	425	265	335		265
Oct 2006	12	18	7 5	24	27	8	43	94	52	. LG	8 6	26	83	8	8 8	102	121	5 5	128	25	141	20	70		20
Cycle	-	- 0	4 0	0.4	- տ	o (c	o ~	- 00	, σ	, c	5 7	- 5	43	0 7	‡ t	5 4	ō ţ	~ ~	o ç	<u> </u>	27 27	Average	Cumulative		Sales Degree Days

3,286

174

405

581

795

697

415

165

Calendar Degree Days

Chattanooga Gas Company

2007 Forecast	Monthly Meter Read Days
Year 2006 -	Calculation of Average

Total	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365	365.1	
Sept	30	8	53	32	30	30	30	35	32	30	30	30	32	35	30	30	30	32	32	30	ଧ	30.6	365.1
Aug	32	32	31	9	32	32	30	9	30	32	32	30	30	30	35	32	30	30	8	35	8	31.0	334.5
<u>Viul</u>	29	30	31	30	30	30	32	32	30	30	30	32	32	90	စ္တ	30	32	32	ဆ	30	ଚ	30.6	303.5
June	33	31	31	33	33	33	31	31	33	33	33	31	31	33	33	33	31	31	33	8	ଞ୍ଜା	32.2	272.9
May	29	9	83	53	83	29	31	83	59	83	53	78	78	28	78	78	28	78	78	28	<u>78</u>	28.7	240.7
Apr	78	78	78	78	28	78	28	88	78	28	78	31	53	3	53	29	31	28	53	53	<u> 29</u>	28.7	212.0
Mar	30	30	ઝ	83	53	59	53	31	59	83	83	53	31	78	78	78	78	78	78	78	7 8	29.0	183.3
Feb	29	53	59	3	58	59	82	53	31	28	78	53	53	32	30	30	30	32	32	30	ଖ	29.8	154.3
Jan 2007	34	33	31	31	33	83	33	33	33	怒	×	88	31	3	33	88	33	8	8	32	83	32.2	124.5
Dec	30	31	83	8	83	31	34	8	83	8	3	3.5	33	33	83	3 8		8	30	30	ଖ	31.8	92.3
Nov	31	29	23	58	28	31	28	38	29	8	i &	58	59	8	8	3 8	5 62	8	83	33	ଞ୍ଚ	30.0	60.5
Oct 2006	30	32	88	30	8 8	30	32	30.	30	30	S 65	3 8	3 8) (F	9 6	8 8	3 8	3 65	30	£ 6	: ଚା	30.5	30.5
Cycle	-		1 69	7	רעכ	o «c	۰ ۲	- œ		, C	2 = ‡	- 5	i 4	5 2	ī ţ	5 4	2 \$	= 4	2 4	2 6	2 Z∣	Average	Cumulative

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FG-42

For all NARUC or FERC accounts 700 through 932, show the gross and net expense after deducting salaries and wages, by month, since the lesser of (a) the last three (3) fiscal years or (b) the filing date of the last rate case. Also, provide the same information projected for the attrition year.

Response:

Please see Attachment A for the above requested information for 2003 – 2005.

Please see Attachment B, for the above requested information for the Attrition Period. Forecasts for most accounts are not prepared at a detail internal general ledger or FERC account level. Therefore, the information provided in Attachment B is based on the forecasted amounts and budget roll-up account numbers. Additionally, the attrition period was not forecasted on a monthly basis. Therefore, the total amounts for the attrition period (2007) are included in Attachment B.

This response was prepared by or under the supervision of Michael J. Morley, Director, Regulatory Accounting & Reporting, AGL Services Company.

Sum of Sum	OfAmount	PNPInd		
FullDate	FERC	Nonpayroll	Payroll	Grand Total
1/1/2003	804	11,625,983		11,625,983
	841	5,961		5,961
l	843.9	(27,477)	24,047	(3,430)
	844.2	, , ,	5,805	5,805
	870		13,312	13,312
ĺ	871		2,846	2,846
	874	(19,979)	19,527	(452)
	875	605	434	1,039
	877		623	623
	878	3,006	26,296	29,302
	879	11,045	17,732	28,777
	880	,	2,271	2,271
	885		595	595
	887	52,709	14,768	67,477
	889	240	800	1,040
	892	5,615	5,910	11,525
	893	5,297	3,708	9,005
	902	14,853	29,777	44,630
	903	2,454	20,111	2,454
	904	58,142		58,142
	905	554		554
	908	004	316	316
	913	22,011	310	22,011
	920	22,011	34,734	34,734
	921	39,919	34,734	•
	921/930.2	2,072		39,919
	921/930.2	(10,072)		2,072
	923	19,991		(10,072)
	924	2,789		19,991
	926	· ·	242	2,789
İ	930.2	(66,392) 422,475	242	(66,150)
	930.2	1		422,475
	932	2,882	12 101	2,882
1/1/2002 Tot		10,356	13,181	23,537
1/1/2003 Tot 2/1/2003		12,185,038	216,923	12,401,961
2/1/2003	841	10,278,134		10,278,134
	1	1,921	000	1,921
	843.7 843.9	346	688	1,034
	I	11,502	23,101	34,603
	844.2		5,048	5,048
	870		11,334	11,334
	871	00.000	1,700	1,700
	874	23,996	14,795	38,791
	875		469	469
	877	007	234	234
	878	207	22,023	22,230
	879	10,923	18,441	29,364
	880	04.444	1,229	1,229
	887	31,444	18,565	50,009
	889	1	1,173	1,174
	891	44.00-	39	39
	892	11,825	4,671	16,495
	893	3,131	1,599	4,730
	902	7,571	23,882	31,453

Sum of SumOfAmount	PNPInd		
FullDate FERC	Nonpayroll	Payroll	Grand Total
2/1/2003 903	674		674
904	69,107		69,107
905	233		233
908		312	312
913	27,271	• • •	27,271
920		33,202	33,202
921	36,126	00,202	36,126
921/930.2			640
922	(3,711)		
923			(3,711)
	6,501		6,501
924	2,789	0.070	2,789
926	(60,684)	3,073	(57,611)
930.2	536,614		536,614
931	2,773		2,773
932	16,949	1,374	18,322
2/1/2003 Total	11,016,282	186,951	11,203,233
3/1/2003 804	5,694,488		5,694,488
841	3,221		3,221
843.7	1,239		1,239
843.9	24,100	24,261	48,361
844.2		5,300	5,300
870		10,069	10,069
871		3,747	3,747
874	21,600	17,301	38,901
875	21,000	1,437	1,437
877			
l I	4 400	234	234
878	4,188	26,470	30,658
879	8,560	13,888	22,447
880		1,861	1,861
885		41	41
887	30,555	13,684	44,240
889		(44)	(44)
891		(13)	(13)
892	9,424	5,320	14,744
893	3,217	2,571	5,788
894		97	97
902	17,025	22,057	39,082
903	895	•	895
904	146,870		146,870
905	344		344
908		271	271
913	26,871	211	26,871
920		71 220	
	(5,130)	71,329	66,199
921	76,115		76,115
921/930.2			1,315
922	(8,320)		(8,320)
923	17,556		17,556
924	2,789		2,789
926	(56,367)	(4,135)	
930.2	796,599		796,599
931	14,517		14,517
932	3,133	4,482	7,615
3/1/2003 Total	6,834,801	220,229	7,055,031

Sum of Sum	OfAmount	PNPInd		
FullDate	FERC	Nonpayroll	Payroll	Grand Total
4/1/2003		3,137,142	· ay.o	3,137,142
	807	12,592		12,592
1	841	1,366		1,366
	843.4	92		92
	843.5	3,147		
	843.6	· ·		3,147
	1	289		289
	843.7	3,136	04.750	3,136
l	843.9	2,176	24,753	26,929
	844.2		5,552	5,552
	870		9,546	9,546
1	871		2,186	2,186
	874	40,266	15,811	56,077
	875	22	1,086	1,107
	878	(402)	33,892	33,490
	879	14,167	11,695	25,862
	880		1,747	1,747
ł	885		264	264
	887	20,884	16,732	37,616
	889	208	470	679
	892	16,584	9,732	26,316
	893	4,947	1,543	6,490
	894	ודט,ד		
	902	10 101	(37)	(37)
	903	18,421	25,888	44,309
		603		603
	904	30,150		30,150
	905	245		245
	908		322	322
	913	14,211		14,211
	920		33,450	33,450
	921	52,428		52,428
	921/930.2	3,123		3,123
	922	(3,750)		(3,750)
	923	26,016		26,016
	924	2,789		2,789
	926	(46,887)	(4,502)	(51,389)
	930.2	431,422	(.,/	431,422
	931	15,030		15,030
	932	6,227	3,313	9,540
4/1/2003 Tot		3,806,643	193,445	4,000,087
5/1/2003		1,734,226	100,470	1,734,226
	841	30,981		30,981
	843.4	1,112		
	843.5	7,378		1,112
	843.6			7,378
		1,145	05.000	1,145
	843.9 844.2	204	25,288	25,491
l	l		5,552	5,552
	870		4,013	4,013
	871		2,574	2,574
	874	36,643	19,833	56,476
	875		2,841	2,841
	877		1,869	1,869
	878	3,115	27,439	30,554
	879	10,155	13,491	23,646

Sum of SumOf	Amount	PNPInd		
	ERC ERC	Nonpayroll	Payroll	Crand Total
5/1/2003 88		Nonpayron	Payroll	Grand Total
1			2,179	2,179
1	85 87	00.450	2,154	2,154
1		29,450	16,649	46,099
1 1	89	55	63	11,8
1 1	92	2,375	6,275	8,650
I I	93	4,151	4,017	8,168
	02	9,230	30,657	39,887
I I	03	649		649
90		100,215		100,215
1	05	6		6
1	08		319	319
I I	13	14,765	1,970	16,735
92			38,438	38,438
92		58,400		58,400
	21/930.2	2,569		2,569
92		(3,689)		(3,689)
92		(12,306)		(12,306)
92		2,789		2,789
92		(36,099)	(4,458)	(40,556)
1	30.2	491,181		491,181
93		15,330		15,330
93	32	5,489	4,392	9,881
5/1/2003 Total		2,509,519	205,555	2,715,074
6/1/2003 80		2,326,722		2,326,722
80		8,820		8,820
84		15,755		15,755
	13.2	1,074		1,074
	13.4	522		522
I I	13.5	14,323		14,323
I I	13.6	975		975
	13.9	11,894	30,614	42,508
l I	14.2		5,300	5,300
87			10,428	10,428
87			2,879	2,879
87		26,933	20,562	47,496
87			3,882	3,882
87		.=-	107	107
87		472	32,714	33,187
87		8,439	15,380	23,819
88			1,477	1,477
88			(777)	(777)
88		511	21,819	22,330
88		1	701	702
89		10.100	209	209
89		12,132	8,168	20,300
89		6,054	1,519	7,573
90		40.444	325	325
90		10,141	37,585	47,726
90		617 151 428		617
90		151,428	250	151,428
91		8,945	259	259 8,945
92		(6,398)	42,394	35,996
192		(0,030)	, +2,534	35,330

Sum of Sum	OfAmount	PNPInd		
FullDate	FERC	Nonpayroll	Payroll	Grand Total
6/1/2003		63,209	•	63,209
	921/930.2	5,061		5,061
	922	(2,783)		(2,783)
	923	9,559		9,559
	924	2,789		2,789
	926	(40,333)	(6,831)	(47,164)
	930.2	629,617	(0,001)	629,617
	931	15,518		15,518
	932	4,287	3,869	8,156
6/1/2003 Tot		3,286,284	232,584	3,518,868
7/1/2003		1,607,825		1,607,825
	841	12,028		12,028
	843.4	111		111
	843.5	2,472		2,472
	843.7	2,112		2,472
	843.9	2,406	29,817	32,223
	844.2	2,100	5,805	5,805
	870		11,058	11,058
	871		3,044	3,044
	874	30,061	22,041	52,102
	875	00,001	3,490	3,490
	877		979	979
	878	567	29,781	30,347
	879	9,729	13,283	23,012
	880	3,723	1,401	1,401
	885		207	207
	887	18,378	18,096	36,474
	889	1,157	933	,
	891	1,157		2,090
	892	13,102	(3)	(3)
	893	4,420	8,585	21,687
	902	6,859	6,971	11,390
	903	606	30,657	37,517
	904			606
	905	1,259		1,259
	908	11	074	11
	913	0.400	274	274
	1 1	9,499	E0 400	9,499
	920	40 500	58,182	58,182
	921	48,562		48,562
	921/930.2	5,473		5,473
	922	(4,958)		(4,958)
	923	8,270		8,270
	924	2,789	(4.046)	2,789
	926	58,750	(4,212)	54,538
	930.2	448,239		448,239
	931	15,420	4.505	15,420
7/1/2002 T-1	932	7,871	4,587	12,458
7/1/2003 Tot		2,310,911	244,976	2,555,887
8/1/2003	1	1,997,078		1,997,078
	841	6,768		6,768
	843.5	(5,435)		(5,435)
	843.7	2,093	04045	2,093
l	843.9	(9,518)	24,345	14,827

Sum of Sum	OfAmount	PNPInd		
FullDate	FERC	Nonpayroll	Payroll	Grand Total
8/1/2003	844.2		5,300	5,300
	870		9,860	9,860
	871		1,539	1,539
	874	7,989	20,124	28,113
	875	1	3,343	3,344
	877		140	140
	878	636	22,382	23,018
	879	11,771	12,565	24,336
	880	,	1,199	1,199
	885		1,061	1,061
	887	31,843	15,926	47,769
	889	729	700	1,428
	892	18,301	8,502	26,802
	893	6,553	3,694	10,247
	902	5,691	32,322	38,014
	903	496	-	496
	904	4,279		4,279
	908		175	175
	913	4,429		4,429
	920	,	57,016	57,016
	921	59,962	,	59,962
	921/930.2	8,026		8,026
	922	(4,824)		(4,824)
	923	12,197		12,197
	924	6,127		6,127
	926	(41,300)	923	(40,377)
	930.2	512,818	-	512,818
	931	15,297	-	15,297
	932	23,511	3,690	27,200
8/1/2003 Tot		2,675,519	224,806	2,900,324
9/1/2003		2,036,445		2,036,445
	841	34,179		34,179
	843.4	429		429
	843.5	5,383		5,383
	843.7	2,464	1,863	4,327
	843.9	(234,806)	22,843	(211,963)
	844.2	(== 1,0==)	5,552	5,552
	870		9,102	9,102
	871		1,496	1,496
	874	5,052	21,938	26,991
	875	5,552	1,626	1,626
	877		136	136
	878	896	28,156	29,052
	879	13,152	10,778	23,930
	880	.5,.52	1,477	1,477
	885		207	207
	887	23,528	15,387	38,915
	889	86	470	556
	892	10,141	6,330	16,471
	893	3,313	3,107	6,420
	894	2,210	262	262
	902	7,851	30,948	38,798
	903	611	1,657	2,269
	1	1	1,001	2,200

Sum of Sum		PNPInd		
FullDate	FERC	Nonpayroll	Payroll	Grand Total
9/1/2003	904	1,500		1,500
	905		41	41
	908		342	342
	913	15,051		15,051
	920	(5,498)	59,472	53,974
	921	62,809	00,2	62,809
	921/930.2	5,250		5,250
	922	(4,704)		(4,704)
ļ	923	7,045		7,045
	924	7,433		
	926	24,423	(4.570)	7,433
	930.2	369,500	(4,570)	19,853
	931	· ·		369,500
	932	16,265	0.004	16,265
9/1/2003 Tot		(882)	3,031	2,149
		2,406,917	221,653	2,628,570
10/1/2003		3,233,718		3,233,718
	841	14,457		14,457
	843.4	342		342
	843.5	2,768		2,768
	843.6	110		110
	843.7	1,155	(257)	898
	843.9	1,686	24,083	25,770
	844.2		5,805	5,805
	870		10,385	10,385
	871		2,670	2,670
	874	24,093	17,400	41,493
	875	2	(307)	(305)
	877	_	224	224
	878	462	41,690	42,152
	879	8,981	15,006	23,987
	880	0,001	1,771	1,771
	885		828	
	887	19,758	19,419	828
I	889	523		39,176
I	892		1,291	1,814
	893	8,257	11,005	19,262
		4,479	2,744	7,223
	894	0.000	(105)	(105)
	902	6,962	33,500	40,461
	903	581	(276)	305
	904	3,336		3,336
	908		350	350
	912	55		55
	913	2,635		2,635
1	920		51,606	51,606
	921	63,923		63,923
	921/930.2	6,027		6,027
	922	(4,756)		(4,756)
	923	1,314		1,314
	924	2,809		2,809
	926	(41,585)	(4,533)	(46,119)
	930.2	553,143	, ,	553,143
	931	16,697		16,697
	932	(566)	3,115	2,549
		(234)	١,٠	2,010

Sum of SumOfAr	mount	PNPInd		
FullDate FEF		Nonpayroll	Payroll	Grand Total
10/1/2003 Total		3,931,363	237,414	4,168,777
11/1/2003 804		5,038,743		5,038,743
807		7,141		7,141
841		6,345		6,345
843		211		211
843		14		14
843		4,281		4,281
843		43		43
843		517	(7,218)	(6,702)
844			37,000	37,000
856			17	17
870			11,658	11,658
871		302	1,831	2,134
874		28,016	23,680	51,696
875		20,010	406	406
878		3,317	34,110	37,427
879		6,594	16,981	23,576
880		0,034	1,201	1,201
885			(414)	(414)
887		20,899	22,599	43,498
889		526 526	22,399	43,498 799
892		6,844	8,140	14,983
893		6,701	4,878	11,578
902		7,048	33,675	40,723
903		1,048 1,055	33,073	
904		3,716		1,055
908		3,710	243	3,716
913		19,957	243	243
920		19,901	53,100	19,957
921		49,819	55,100	53,100
	/930.2	2,348		49,819
922		(4,552)	`	2,348
923		3,466	,	(4,552) 3,466
924		6,609		·
926		(32,398)	(4,204)	6,609
930		253,682	, (4 ,204)	(36,602) 253,682
931		16,383		•
932		5,922	2,707	16,383
11/1/2003 Total	·	5,463,548	240,662	8,629 5,704,210
12/1/2003 10(a)		11,044,071	240,002	11,044,071
841		4,583		4,583
843	6	734		4,583 734
843		734 3,976		
843	1	101		3,976 101
844		101	32,149	32,149
870			4,461	4,461
871			2,234	2,234
874		75,276	16,870	92,147
875		10,210	223	223
878		748	34,298	35,045
879		9,029	16,15 1	25,180
880		3,029	596	596
887		31,159	26,415	57,573
1001		1 31,138	20,410	1 31,313

Sum of Sum(OfAmount	PNPInd	_	
	FERC	Nonpayroll	Payroll	Grand Total
12/1/2003	889	156	939	1,096
1	892	59,746	9,177	68,923
1 1	893	6,682	2,962	9,644
	902	6,048	27,983	34,032
	903	853	191	1,044
	904	37,816		37,816
	908	•	291	291
1	909	19,435		19,435
	913	3,229		3,229
	920	33,946	58,617	92,563
	921	73,936		73,936
	921/930.2	3,666		3,666
	922	(9,057)	(9,057)
1 1	923	66,791	'	66,791
1 1	924	3,304		3,304
I .	926	250,419	(4,978)	245,441
	930.2	563,991	(1,0.0)	563,991
	931	15,984		15,984
	932	3,766	2,982	6,748
12/1/2003 To		12,310,389	231,561	12,541,950
1/1/2004		12,047,431	201,001	12,047,431
	841	3,453		3,453
	843.6	1,891		1,891
I 1	843.7	337		337
	843.9	2,731		2,731
i I	844.2	2,701	31,128	31,128
I I	870		1,468	1,468
l I	871		2,983	2,983
I I	874	27,921	16,973	44,894
I I	875	21,021	825	825
i 1	878	301	27,367	27,668
	879	9,375	15,399	24,774
	880	0,010	(93)	(93)
i I	887	15,834	16,889	32,723
: I	889	451	1,169	1,620
	892	4,552	9,789	14,341
	893	7,695	5,663	13,357
	902	5,993	24,814	30,807
	903	0,000	286	286
	904	990	200	990
	908	330	376	376
	909	17,436	3/0	17,436
	913	4,935		
	916	399		4,935 399
	920	399	54,038	
I I	921	51,170	J+,U30	54,038 51,170
	921/930.2	2,943		2,943
I I	921/930.2 922	(5,248	١	· ·
	923	48,771	,	(5,248) 48,771
	924	3,304		3,304
	926	33,161	(222)	32,939
	930.2	543,550		543,550
	931	16,252		16,252
	901	10,232		10,232

Sum of Sum(OfAmount	PNPInd		
FullDate	FERC	Nonpayroll	Payroll	Grand Total
1/1/2004	932	2,799	3,042	5,841
1/1/2004 Tota	al	12,848,426	211,895	13,060,321
2/1/2004	804	10,519,855		10,519,855
	841	2,832		2,832
1 1	843.5	1,380		1,380
	843.6	3,242		3,242
	843.7	1,666		1,666
	843.9	7,506		7,506
ļ l	844.2		27,156	27,156
	870		2,223	2,223
	871		1,841	1,841
	874	36,562	14,874	51,436
J I	875	2	804	806
	878	586	23,208	23,794
	879	9,710	16,236	25,945
	880	68		68
	887	20,854	16,328	37,183
	889	549	2,007	2,556
	892	15,736	7,068	22,804
	893	6,985	3,654	10,639
1 1	902	6,105	24,565	30,670
	903	195	376	571
	904	142,493		142,493
	905	284		284
	908		296	296
	909	19,736		19,736
	913	3,649		3,649
	916	5,200		5,200
	920	31,774	58,880	90,654
[921	44,484	00,000	44,484
	921/930.2	3,025		3,025
	922	(4,728)	1	(4,728)
	923	1,142		1,142
	924	3,304		3,304
	926	12,935	(1,694)	11,241
	930.2	500,661	(1,004)	500,661
	931	16,256		16,256
	932	1,751	5,184	6,935
2/1/2004 Tot		11,415,798	203,005	11,618,803
3/1/2004		5,539,316	200,000	5,539,316
5. 112004	841	5,445		5,445
	843.7	332		332
	843.9	5,725		5,725
	844.2	0,723	29,945	29,945
	870		2,777	2,777
	871	4	1,077	1,081
	874	(20,958		(2,978)
	875	(20,000	1,174	1,174
	878	1,348	25,305	26,653
	879	7,595	13,354	20,949
	880	1,000	53	53
	887	47,036		68,085
	889	2,065		4,698
1	1500	2,300	2,002	1,550

Sum of SumC		PNPInd		
FullDate	FERC	Nonpayroll	Payroll	Grand Total
3/1/2004	892	15,400	7,344	22,744
	893	15,745	5,408	21,154
	902	8,259	26,699	34,958
	903	574	373	948
1 I	904	93,090	0,0	93,090
1	908	00,000	351	351
	909	15,463	001	15,463
	913	7,881		7,881
	916	7,001		1,001
	920	(77,821)	102,358	24 520
	921	70,324	102,556	24,538
	921/930.2	6,806		70,324
	922			6,806
I I		(6,025)		(6,025)
	923	35,887		35,887
	924	23,792	/= 000	23,792
	926	17,813	(5,222)	12,591
	930.2	695,352		695,352
	931	16,305		16,305
	932	3,243	3,368	6,611
3/1/2004 Tota		6,529,996	256,025	6,786,021
4/1/2004		4,359,762		4,359,762
	307	6,344		6,344
	341	4,625		4,625
	343.7	3,744		3,744
	343.9	8,578		8,578
8	344.2		29,076	29,076
8	370		2,734	2,734
8	371	5	1,931	1,936
8	374	33,814	16,811	50,625
8	375	·	1,534	1,534
l la	378	809	25,945	26,755
	379	8,831	11,635	20,466
l la	387	25,642	17,315	42,957
	389	2,001	1,176	3,177
	392	9,969	9,805	19,774
	393	7,227	2,650	9,878
	902	10,510	24,120	34,630
	903	677	318	995
I I	904	2,685	5.0	2,685
	908	2,000	125	125
	909	10,630	123	
	913	6,721		10,630
	920	1,033	57 070	6,721
	921	53,636	57,870	58,903
I I	921/930.2	6,852		53,636
1	921/930.2			6,852
	923	(5,315)		(5,315)
		(294)		(294)
	924	4,673	(0.470)	4,673
	926	28,713	(6,176)	22,537
I	930.2	404,314		404,314
!	931	15,932		15,932
	932	6,963	4,075	11,038
4/1/2004 Tota	ı	5,019,081	200,943	5,220,024

Sum of Sum	OfAmount	PNPInd		
FullDate	FERC	Nonpayroll	Payroll	Grand Total
5/1/2004		2,991,970	1 ayron	2,991,970
0/1/2004	841	3,562		
	843.7	625		3,562
	843.9			625
		1,240	04.000	1,240
	844.2		31,962	31,962
	870		2,091	2,091
	871		1,620	1,620
	874	19,483	16,259	35,742
	875		2,912	2,912
	878	1,958	19,433	21,391
	879	6,041	11,621	17,663
	887	21,009	15,936	36,945
	889	417	804	1,220
	891		215	215
	892	12,257	9,435	21,692
	893	4,027	3,976	8,004
}	902	6,152	27,916	34,068
	903	95	453	548
	904	2,039		2,039
	908	_,	156	156
	909	7,572	100	7,572
	913	6,861		6,861
	920	(1,033)	72,326	
	921	61,875	12,520	71,293
	921/930.2	4,767		61,875
	922			4,767
	923	(6,336)		(6,336)
	l	1,588		1,588
	924	3,533	(0.047)	3,533
	926	29,206	(8,217)	20,989
	930.2	241,190		241,190
	931	16,216		16,216
54410004 = 4	932	2,626	4,439	7,065
5/1/2004 Tot	al	3,438,940	213,339	3,652,278
6/1/2004		22,787		22,787
	804	2,301,408		2,301,408
	841	10,609		10,609
	843.5	691		691
	843.9	11,694		11,694
	844.2		31,501	31,501
	870		1,432	1,432
ļ	871		1,216	1,216
	874	36,864	15,105	51,969
	875	•	3,132	3,132
	878	679	26,105	26,784
]	879	7,733	11,753	19,486
	887	19,178	15,127	34,305
	889	449	1,540	1,989
	891		(12)	(12)
	892	10,345	11,757	22,102
l	893	5,795	4,048	9,843
	902	4,696	25,278	29,974
l	903	190	48	238
1	904	6,927	-10	6,927
I	1007	1 0,321		1 0,827

Sum of SumOfAmount	PNPInd		_
FullDate FERC	Nonpayroll	Payroll	Grand Total
6/1/2004 909	12,056	-	12,056
913	1,048		1,048
920	(6,251)	68,019	61,769
921	49,867	,	49,867
921/930.2	3,319		3,319
922	(6,120)		(6,120)
923	16,026		16,026
924	3,533		3,533
926	38,682	(6,301)	32,381
930.2	597,994	(0,001)	597,994
931	16,412		16,412
932	3,952	4,238	8,189
6/1/2004 Total	3,170,564	213,984	3,384,548
7/1/2004	(4,898)	210,304	
804	2,009,883		(4,898) 2,009,883
841	1,455		
843.7	306		1,455 306
843.9	4,905		
844.2	4,905	20 777	4,905
870		30,777	30,777
871		1,427	1,427
874	20.075	1,262	1,262
	30,375	14,736	45,111
875	500	3,216	3,216
878	562	24,332	24,894
879	10,248	11,264	21,512
887	33,583	19,425	53,008
889	412	1,202	1,614
892	8,353	11,153	19,506
893	10,047	2,365	12,411
902	5,824	26,637	32,460
903	115	16	131
904	436		436
909	3,449		3,449
913	414		414
920		63,449	63,449
921	59,944		59,944
921/930.2	5,497		5,497
922	(4,269)		(4,269)
923	19,926		19,926
924	3,533		3,533
926	22,713	(307)	22,406
930.2	464,191	, ,	464,191
931	16,384		16,384
932	3,479	4,518	7,997
7/1/2004 Total	2,706,864	215,470	2,922,334
8/1/2004	1,302		1,302
804	2,418,146		2,418,146
841	11,283		11,283
843.4	7,148		7,148
843.5	3,280		3,280
843.6	20		20
843.7	11,077		11,077
843.9	22,493		22,493

Sum of Sum	OfAmount	PNPInd		
FullDate	FERC	Nonpayroli	Payroll	Grand Total
8/1/2004			29,767	29,767
	870		3,085	3,085
	871	3	1,871	
1	874	32,420		1,874
1	875	32,420	13,932	46,352
1	878	020	1,597	1,597
	I	938	20,706	21,643
	879	8,579	9,522	18,101
	887	19,685	21,900	41,585
	889	773	431	1,204
	892	10,970	14,091	25,061
	893	8,383	6,138	14,520
	902	6,447	26,188	32,636
	903	115		115
	904	3,634		3,634
	909	3,567		3,567
	913	10,548		10,548
	920		60,292	60,292
	921	46,795	,	46,795
	921/930.2	4,694		4,694
	922	(4,412)		(4,412)
	923	(1,685)		(1,685)
	926	7,955	(5,009)	2,946
	930.2	487,677	(0,000)	487,677
	931	16,087		
	932	3,974	4 270	16,087
			4,278	8,253
18/1/2004 Tot	al le	2 1/1 907	200 707	2 250 605
8/1/2004 Tot		3,141,897	208,787	3,350,685
8/1/2004 Tot 9/1/2004		(284,955)	208,787	(284,955)
	804	(284,955) 2,184,204	208,787	(284,955) 2,184,204
	804 841	(284,955) 2,184,204 2,172	208,787	(284,955) 2,184,204 2,172
	804 841 843.5	(284,955) 2,184,204 2,172 4,681	208,787	(284,955) 2,184,204 2,172 4,681
	804 841 843.5 843.6	(284,955) 2,184,204 2,172 4,681 4,048	208,787	(284,955) 2,184,204 2,172 4,681 4,048
	804 841 843.5 843.6 843.7	(284,955) 2,184,204 2,172 4,681 4,048 1,822	208,787	(284,955) 2,184,204 2,172 4,681 4,048 1,822
	804 841 843.5 843.6 843.7 843.9	(284,955) 2,184,204 2,172 4,681 4,048		(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566)
	804 841 843.5 843.6 843.7 843.9 844.2	(284,955) 2,184,204 2,172 4,681 4,048 1,822	31,112	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112
	804 841 843.5 843.6 843.7 843.9 844.2 870	(284,955) 2,184,204 2,172 4,681 4,048 1,822	31,112 2,811	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811
	804 841 843.5 843.6 843.7 843.9 844.2 870 871	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566)	31,112 2,811 1,727	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112
	804 841 843.5 843.6 843.7 843.9 844.2 870 871	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566)	31,112 2,811	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811
	804 841 843.5 843.6 843.7 843.9 844.2 870 871 874 875	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566)	31,112 2,811 1,727	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811 1,727
	804 841 843.5 843.6 843.7 843.9 844.2 870 871 874 875 878	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566)	31,112 2,811 1,727 17,388	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811 1,727 52,943
	804 841 843.5 843.6 843.7 843.9 844.2 870 871 874 875	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 35,555 98	31,112 2,811 1,727 17,388 1,469	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811 1,727 52,943 1,568
	804 841 843.5 843.6 843.7 843.9 844.2 870 871 874 875 878 879 887	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 35,555 98 1,171	31,112 2,811 1,727 17,388 1,469 23,145	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811 1,727 52,943 1,568 24,316
	804 841 843.5 843.6 843.7 843.9 844.2 870 871 874 875 878 879 887	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 35,555 98 1,171 10,341	31,112 2,811 1,727 17,388 1,469 23,145 9,303	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811 1,727 52,943 1,568 24,316 19,645
	804 841 843.5 843.6 843.7 843.9 844.2 870 871 874 875 878 879 887	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 35,555 98 1,171 10,341 28,985	31,112 2,811 1,727 17,388 1,469 23,145 9,303 17,372	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811 1,727 52,943 1,568 24,316 19,645 46,357
	804 841 843.5 843.6 843.7 843.9 844.2 870 871 874 875 878 879 887	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 35,555 98 1,171 10,341 28,985 1,336	31,112 2,811 1,727 17,388 1,469 23,145 9,303 17,372 1,018 10,929	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811 1,727 52,943 1,568 24,316 19,645 46,357 2,353 20,541
	804 841 843.5 843.6 843.7 843.9 844.2 870 871 874 875 878 879 887 889	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 35,555 98 1,171 10,341 28,985 1,336 9,613 7,943	31,112 2,811 1,727 17,388 1,469 23,145 9,303 17,372 1,018 10,929 3,525	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811 1,727 52,943 1,568 24,316 19,645 46,357 2,353 20,541 11,468
	804 841 843.5 843.6 843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 35,555 98 1,171 10,341 28,985 1,336 9,613 7,943 7,087	31,112 2,811 1,727 17,388 1,469 23,145 9,303 17,372 1,018 10,929	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811 1,727 52,943 1,568 24,316 19,645 46,357 2,353 20,541 11,468 32,493
	804 841 843.5 843.6 843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 35,555 98 1,171 10,341 28,985 1,336 9,613 7,943 7,087 404	31,112 2,811 1,727 17,388 1,469 23,145 9,303 17,372 1,018 10,929 3,525	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811 1,727 52,943 1,568 24,316 19,645 46,357 2,353 20,541 11,468 32,493 404
	804 841 843.5 843.6 843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 35,555 98 1,171 10,341 28,985 1,336 9,613 7,943 7,087 404 1,106	31,112 2,811 1,727 17,388 1,469 23,145 9,303 17,372 1,018 10,929 3,525	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811 1,727 52,943 1,568 24,316 19,645 46,357 2,353 20,541 11,468 32,493 404 1,106
	804 841 843.5 843.6 843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903 904 909	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 35,555 98 1,171 10,341 28,985 1,336 9,613 7,943 7,087 404 1,106 2,558	31,112 2,811 1,727 17,388 1,469 23,145 9,303 17,372 1,018 10,929 3,525	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811 1,727 52,943 1,568 24,316 19,645 46,357 2,353 20,541 11,468 32,493 404 1,106 2,558
	804 841 843.5 843.6 843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903 904 909 913	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 35,555 98 1,171 10,341 28,985 1,336 9,613 7,943 7,087 404 1,106 2,558 4,787	31,112 2,811 1,727 17,388 1,469 23,145 9,303 17,372 1,018 10,929 3,525 25,406	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811 1,727 52,943 1,568 24,316 19,645 46,357 2,353 20,541 11,468 32,493 404 1,106 2,558 4,787
	804 841 843.5 843.6 843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903 904 909 913 920	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 35,555 98 1,171 10,341 28,985 1,336 9,613 7,943 7,087 404 1,106 2,558 4,787 (4,501)	31,112 2,811 1,727 17,388 1,469 23,145 9,303 17,372 1,018 10,929 3,525	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811 1,727 52,943 1,568 24,316 19,645 46,357 2,353 20,541 11,468 32,493 404 1,106 2,558 4,787 64,792
	804 841 843.5 843.6 843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903 904 909 913 920 921	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 35,555 98 1,171 10,341 28,985 1,336 9,613 7,943 7,087 404 1,106 2,558 4,787 (4,501) 51,638	31,112 2,811 1,727 17,388 1,469 23,145 9,303 17,372 1,018 10,929 3,525 25,406	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811 1,727 52,943 1,568 24,316 19,645 46,357 2,353 20,541 11,468 32,493 404 1,106 2,558 4,787 64,792 51,638
	804 841 843.5 843.6 843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903 904 909 913 920	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 35,555 98 1,171 10,341 28,985 1,336 9,613 7,943 7,087 404 1,106 2,558 4,787 (4,501)	31,112 2,811 1,727 17,388 1,469 23,145 9,303 17,372 1,018 10,929 3,525 25,406	(284,955) 2,184,204 2,172 4,681 4,048 1,822 (3,566) 31,112 2,811 1,727 52,943 1,568 24,316 19,645 46,357 2,353 20,541 11,468 32,493 404 1,106 2,558 4,787 64,792

Sum of Sum	OfAmount	PNPInd		
FullDate	FERC	Nonpayroll	Payroll	Grand Total
9/1/2004	923	64,109		64,109
	924	7,065		7,065
	925		26	26
	926	(17,091)	(5,916)	(23,007)
	930.2	479,405		479,405
	931	16,458		16,458
	932	6,911	6,589	13,500
9/1/2004 Tot	al	2,628,990	215,197	2,844,186
10/1/2004		12,555		12,555
	804	2,946,298		2,946,298
	841	854		854
	843.4	1,083		1,083
	843.5	551		551
İ	843.7	4,480		4,480
	843.9	21,209		21,209
	844.2		31,729	31,729
	870		1,323	1,323
	871	616	2,305	2,920
	874	52,807	15,563	68,370
	875	98	241	339
	878	868	26,787	27,655
	879	10,309	14,313	24,622
	887	17,586	18,690	36,276
	889	415	392.	807
	892	6,887	15,980	22,868
	893	6,541	4,181	10,722
	902	8,240	29,354	37,594
	903	60		60
	904	1,526		1,526
	909	9,562		9,562
	913	2,039		2,039
	920		85,187	85,187
	921	50,063		50,063
	921/930.2	8,029		8,029
	922	(5,960)		(5,960)
	923	48,011		48,011
	924	228	,	228
	925		(12)	(12)
	926	8,769	(8,293)	476
	930.2	554,529	, , ,	554,529
	931	16,123		16,123
	932	4,013	3,691	7,704
10/1/2004 To	otal	3,788,391	241,430	4,029,820
11/1/2004		(1,965)		(1,965)
	804	6,381,382		6,381,382
	807	6,670		6,670
	841	1,241		1,241
	843.6	1,717		1,717
	843.7	366		366
	843.9	6,277		6,277
	844.2		32,770	32,770
	870		2,629	2,629
	871		2,036	2,036
	-	-	·	•

	OfAmount	PNPInd		
	FERC	Nonpayroll	Payroll	Grand Total
11/1/2004	874	33,927	15,113	49,040
1 1	875		1,191	1,191
1 1	878	1,045	34,444	35,489
1	879	9,057	12,166	21,224
	887	21,167	15,361	36,528
1 1	889	390	182	572
	892	59,429	12,765	72,194
	893	3,016	3,561	6,577
	902	12,948	26,789	39,737
	903	120	20,700	120
	904	3,094		3,094
1 1	909	12,083		12,083
	913	7,216		7,216
1	920	7,210	72,364	72,364
	921	45,877	, 2,004	45,877
	921/930.2	8,311		8,311
	922	(4,529)		(4,529)
	923	66,794		66,794
1 1	924	(0)		(0)
1	926	7,895	(4,844)	3,050
	928	16,769	(4,044)	16,769
	930.2	447,351		447,351
1	931	18,746		18,746
	932	3,217	4,126	7,343
11/1/2004 To		7,169,609	230,651	7,400,260
12/1/2004		96,456		96,456
]	804	14,626,726		14,626,726
	841	9,155		9,155
]	843.3	151		151
[843.4	3,337		3,337
	843.5	1,000	ļ	1,000
	0426			
	843.6	4,135		
	843.7	4,135 3,569		4,135 3,569
				4,135 3,569
	843.7 843.9 844.2	3,569	33,195	4,135 3,569 5,033
	843.7 843.9 844.2 870	3,569	33,195 3,087	4,135 3,569 5,033 33,195
	843.7 843.9 844.2 870 871	3,569	·	4,135 3,569 5,033
	843.7 843.9 844.2 870 871 874	3,569	3,087	4,135 3,569 5,033 33,195 3,087
	843.7 843.9 844.2 870 871 874 875	3,569 5,033	3,087 2,679	4,135 3,569 5,033 33,195 3,087 2,679
	843.7 843.9 844.2 870 871 874 875 878	3,569 5,033	3,087 2,679 19,591	4,135 3,569 5,033 33,195 3,087 2,679 58,364
	843.7 843.9 844.2 870 871 874 875 878 879	3,569 5,033 38,774	3,087 2,679 19,591 1,808	4,135 3,569 5,033 33,195 3,087 2,679 58,364 1,808
	843.7 843.9 844.2 870 871 874 875 878 879	3,569 5,033 38,774 2,649 7,012 24,950	3,087 2,679 19,591 1,808 31,055	4,135 3,569 5,033 33,195 3,087 2,679 58,364 1,808 33,704
	843.7 843.9 844.2 870 871 874 875 878 879 887	3,569 5,033 38,774 2,649 7,012 24,950 1,405	3,087 2,679 19,591 1,808 31,055 14,098	4,135 3,569 5,033 33,195 3,087 2,679 58,364 1,808 33,704 21,110
	843.7 843.9 844.2 870 871 874 875 878 879 887 889	3,569 5,033 38,774 2,649 7,012 24,950 1,405 9,355	3,087 2,679 19,591 1,808 31,055 14,098 23,057	4,135 3,569 5,033 33,195 3,087 2,679 58,364 1,808 33,704 21,110 48,006
	843.7 843.9 844.2 870 871 874 875 878 879 887 889 892	3,569 5,033 38,774 2,649 7,012 24,950 1,405 9,355 3,490	3,087 2,679 19,591 1,808 31,055 14,098 23,057 1,354	4,135 3,569 5,033 33,195 3,087 2,679 58,364 1,808 33,704 21,110 48,006 2,759
	843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893	3,569 5,033 38,774 2,649 7,012 24,950 1,405 9,355 3,490 14,088	3,087 2,679 19,591 1,808 31,055 14,098 23,057 1,354 9,630	4,135 3,569 5,033 33,195 3,087 2,679 58,364 1,808 33,704 21,110 48,006 2,759 18,985 7,479 39,888
	843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903	3,569 5,033 38,774 2,649 7,012 24,950 1,405 9,355 3,490 14,088 90	3,087 2,679 19,591 1,808 31,055 14,098 23,057 1,354 9,630 3,989	4,135 3,569 5,033 33,195 3,087 2,679 58,364 1,808 33,704 21,110 48,006 2,759 18,985 7,479
	843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903	3,569 5,033 38,774 2,649 7,012 24,950 1,405 9,355 3,490 14,088 90 1,354	3,087 2,679 19,591 1,808 31,055 14,098 23,057 1,354 9,630 3,989	4,135 3,569 5,033 33,195 3,087 2,679 58,364 1,808 33,704 21,110 48,006 2,759 18,985 7,479 39,888 90 1,354
	843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903 904	3,569 5,033 38,774 2,649 7,012 24,950 1,405 9,355 3,490 14,088 90 1,354 13,202	3,087 2,679 19,591 1,808 31,055 14,098 23,057 1,354 9,630 3,989	4,135 3,569 5,033 33,195 3,087 2,679 58,364 1,808 33,704 21,110 48,006 2,759 18,985 7,479 39,888 90 1,354 13,202
	843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903 904 905 909	3,569 5,033 38,774 2,649 7,012 24,950 1,405 9,355 3,490 14,088 90 1,354 13,202 25,167	3,087 2,679 19,591 1,808 31,055 14,098 23,057 1,354 9,630 3,989	4,135 3,569 5,033 33,195 3,087 2,679 58,364 1,808 33,704 21,110 48,006 2,759 18,985 7,479 39,888 90 1,354 13,202 25,167
	843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903 904 905 909 913	3,569 5,033 38,774 2,649 7,012 24,950 1,405 9,355 3,490 14,088 90 1,354 13,202 25,167 3,373	3,087 2,679 19,591 1,808 31,055 14,098 23,057 1,354 9,630 3,989 25,800	4,135 3,569 5,033 33,195 3,087 2,679 58,364 1,808 33,704 21,110 48,006 2,759 18,985 7,479 39,888 90 1,354 13,202 25,167 3,373
	843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903 904 905 909	3,569 5,033 38,774 2,649 7,012 24,950 1,405 9,355 3,490 14,088 90 1,354 13,202 25,167	3,087 2,679 19,591 1,808 31,055 14,098 23,057 1,354 9,630 3,989	4,135 3,569 5,033 33,195 3,087 2,679 58,364 1,808 33,704 21,110 48,006 2,759 18,985 7,479 39,888 90 1,354 13,202 25,167

Sum of SumOfAmount	PNPInd		
FullDate FERC		Payroll	Grand Total
12/1/2004 921/930.2	Nonpayroll	Payloli	
1 1	5,461		5,461
922	(4,867)		(4,867)
923	5,701	0.000	5,701
926	24,408	3,330	27,738
928	8,384		8,384
930.2	899,572		899,572
931	15,200		15,200
932	<u>7,</u> 118	4,917	12,035
12/1/2004 Total	15,912,474	247,393	16,159,867
1/1/2005	723		723
804	9,328,082		9,328,082
841	961		961
843.4	388		388
843.6	134		134
843.7	368		368
843.9	(360)		(360)
844.2		30,995	30,995
870		2,936	2,936
871		2,346	2,346
874	46,125	12,663	58,788
875		932	932
878	317	20,694	21,012
879	23,834	15,438	39,272
887	17,541	22,105	39,646
889	1,160	1,460	2,619
892	4,437	10,169	14,606
893	4,166	5,600	9,765
902	4,370	23,807	28,176
903	90		90
904	475		475
905	18		18
909	21,025		21,025
913	7,762		7,762
920		59,068	59,068
921	53,406	,	53,406
921/930.2	3,769	:	3,769
922	(3,745)		(3,745)
923	19,131		19,131
926	6,021	(5,081)	939
928	8,384	(5,001)	8,384
930.2	529,350		529,350
931	10,998		10,998
932	7,480	2,883	10,363
1/1/2005 Total	10,096,408	206,015	10,302,423
2/1/2005	2,807	200,010	2,807
804	9,165,981		9,165,981
841	2,429		2,429
843.5	2,500		2,500
843.6	800		800
843.7	435		435
843.9	765		765
844.2		28,751	28,751
870		3,352	3,352

Sum of Sum	OfAmount	PNPInd	_	
FullDate	FERC	Nonpayroll	Payroll	Grand Total
2/1/2005		123	3,564	3,687
1 27772000	874	7,235	17,328	
	875	7,230		24,563
		0.000	299	299
	878	2,999	22,819	25,818
	879	23,975	11,625	35,600
	887	12,901	17,104	30,005
	889	2,394	1,169	3,563
	892	1,994	5,959	7,952
	893	5,798	4,262	10,060
	902	19,795	22,026	41,821
	903	75		75
	904	1,596		1,596
1	905	18		18
	909	21,190		21,190
	913	16,538	42	
	920	10,030		16,580
		50.000	46,222	46,222
	921	52,068		52,068
	921/930.2	3,421		3,421
	922	(2,963))	(2,963)
	923	38,380		38,380
	926	5,744	2,510	8,254
	928	8,384		8,384
	930.2	471,464		471,464
	931	30,964		30,964
	932	4,278	3,347	7,625
2/1/2005 Tot	al	9,904,087	190,380	
2/1/2005 Tot 3/1/2005				10,094,467
		9,904,087		10,094,467 99,150
		9,904,087 99,150 9,311,444		10,094,467 99,150 9,311,444
	804 841	9,904,087 99,150 9,311,444 6,246		10,094,467 99,150 9,311,444 6,246
	804 841 843.4	9,904,087 99,150 9,311,444 6,246 7,101		10,094,467 99,150 9,311,444 6,246 7,101
	804 841 843.4 843.5	9,904,087 99,150 9,311,444 6,246 7,101 50		10,094,467 99,150 9,311,444 6,246 7,101 50
	804 841 843.4 843.5 843.7	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634		10,094,467 99,150 9,311,444 6,246 7,101 50 18,634
	804 841 843.4 843.5 843.7 843.9	9,904,087 99,150 9,311,444 6,246 7,101 50	190,380	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320
	804 841 843.4 843.5 843.7 843.9 844.2	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634	190,380 31,369	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369
	804 841 843.4 843.5 843.7 843.9 844.2 870	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320	31,369 3,932	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932
	804 841 843.4 843.5 843.7 843.9 844.2 870 871	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320	31,369 3,932 1,956	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333
	804 841 843.4 843.5 843.7 843.9 844.2 870 871	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320	31,369 3,932 1,956 12,841	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333 44,839
	804 841 843.4 843.5 843.7 843.9 844.2 870 871 874 875	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320 377 31,998	31,369 3,932 1,956 12,841 2,984	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333 44,839 2,984
	804 841 843.4 843.5 843.7 843.9 844.2 870 871 874 875 878	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320 377 31,998 463	31,369 3,932 1,956 12,841 2,984 24,417	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333 44,839 2,984 24,879
	804 841 843.4 843.5 843.7 843.9 844.2 870 871 874 875 878	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320 377 31,998 463 24,931	31,369 3,932 1,956 12,841 2,984 24,417 14,109	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333 44,839 2,984 24,879 39,039
	804 841 843.4 843.5 843.7 843.9 844.2 870 871 874 875 878 879 887	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320 377 31,998 463 24,931 56,278	31,369 3,932 1,956 12,841 2,984 24,417 14,109 20,315	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333 44,839 2,984 24,879 39,039 76,592
	804 841 843.4 843.5 843.7 843.9 844.2 870 871 874 875 878 879 887 889	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320 377 31,998 463 24,931 56,278 1,337	31,369 3,932 1,956 12,841 2,984 24,417 14,109 20,315 2,029	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333 44,839 2,984 24,879 39,039 76,592 3,366
	804 841 843.4 843.5 843.7 843.9 844.2 870 871 874 875 878 879 887 889	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320 377 31,998 463 24,931 56,278	31,369 3,932 1,956 12,841 2,984 24,417 14,109 20,315	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333 44,839 2,984 24,879 39,039 76,592
	804 841 843.4 843.5 843.7 843.9 844.2 870 871 874 875 878 879 887 889	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320 377 31,998 463 24,931 56,278 1,337	31,369 3,932 1,956 12,841 2,984 24,417 14,109 20,315 2,029	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333 44,839 2,984 24,879 39,039 76,592 3,366
	804 841 843.4 843.5 843.7 843.9 844.2 870 871 874 875 878 879 887 889	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320 377 31,998 463 24,931 56,278 1,337 7,132	31,369 3,932 1,956 12,841 2,984 24,417 14,109 20,315 2,029 8,948	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333 44,839 2,984 24,879 39,039 76,592 3,366 16,080
	804 841 843.4 843.5 843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320 377 31,998 463 24,931 56,278 1,337 7,132 7,821	31,369 3,932 1,956 12,841 2,984 24,417 14,109 20,315 2,029 8,948 4,229	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333 44,839 2,984 24,879 39,039 76,592 3,366 16,080 12,049
	804 841 843.4 843.5 843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320 377 31,998 463 24,931 56,278 1,337 7,132 7,821 15,307	31,369 3,932 1,956 12,841 2,984 24,417 14,109 20,315 2,029 8,948 4,229	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333 44,839 2,984 24,879 39,039 76,592 3,366 16,080 12,049 34,879 60
	804 841 843.4 843.5 843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320 377 31,998 463 24,931 56,278 1,337 7,132 7,821 15,307 60 310	31,369 3,932 1,956 12,841 2,984 24,417 14,109 20,315 2,029 8,948 4,229	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333 44,839 2,984 24,879 39,039 76,592 3,366 16,080 12,049 34,879 60 310
	804 841 843.4 843.5 843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903 904 905	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320 377 31,998 463 24,931 56,278 1,337 7,132 7,821 15,307 60 310 197	31,369 3,932 1,956 12,841 2,984 24,417 14,109 20,315 2,029 8,948 4,229	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333 44,839 2,984 24,879 39,039 76,592 3,366 16,080 12,049 34,879 60 310 197
	804 841 843.4 843.5 843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903 904 905 909	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320 377 31,998 463 24,931 56,278 1,337 7,132 7,821 15,307 60 310 197 17,952	31,369 3,932 1,956 12,841 2,984 24,417 14,109 20,315 2,029 8,948 4,229	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333 44,839 2,984 24,879 39,039 76,592 3,366 16,080 12,049 34,879 60 310 197 17,952
	804 841 843.4 843.5 843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903 904 905 909 913	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320 377 31,998 463 24,931 56,278 1,337 7,132 7,821 15,307 60 310 197 17,952 11,562	31,369 3,932 1,956 12,841 2,984 24,417 14,109 20,315 2,029 8,948 4,229 19,572	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333 44,839 2,984 24,879 39,039 76,592 3,366 16,080 12,049 34,879 60 310 197 17,952 11,562
	804 841 843.4 843.5 843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903 904 905 909 913 920	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320 377 31,998 463 24,931 56,278 1,337 7,132 7,821 15,307 60 310 197 17,952 11,562 (5,104	31,369 3,932 1,956 12,841 2,984 24,417 14,109 20,315 2,029 8,948 4,229 19,572	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333 44,839 2,984 24,879 39,039 76,592 3,366 16,080 12,049 34,879 60 310 197 17,952 11,562 39,022
	804 841 843.4 843.5 843.7 843.9 844.2 870 871 874 875 878 879 887 889 892 893 902 903 904 905 909 913	9,904,087 99,150 9,311,444 6,246 7,101 50 18,634 18,320 377 31,998 463 24,931 56,278 1,337 7,132 7,821 15,307 60 310 197 17,952 11,562	31,369 3,932 1,956 12,841 2,984 24,417 14,109 20,315 2,029 8,948 4,229 19,572	10,094,467 99,150 9,311,444 6,246 7,101 50 18,634 18,320 31,369 3,932 2,333 44,839 2,984 24,879 39,039 76,592 3,366 16,080 12,049 34,879 60 310 197 17,952 11,562

Sum of Sum	OfAmount	PNPInd		
FullDate	FERC	Nonpayroll	Payroll	Grand Total
3/1/2005		(3,186)	1 Gy.on	(3,186)
0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	923	51,910		51,910
	926	11,986	(4,359)	
	928	8,384	(4,559)	7,627
	930.2	654,520		8,384
	931			654,520
		16,305	0.705	16,305
2/4/2005 Tot	932	5,150	3,735	8,885
3/1/2005 Tot		10,427,342	190,201	10,617,543
4/1/2005		309		309
	804	7,559,836		7,559,836
1	841	34,317		34,317
	843.5	15,089		15,089
	843.7	769		769
	843.9	30,464		30,464
	844.2		30,864	30,864
	870		5,692	5,692
	871	(113)	2,737	2,624
	874	33,610	13,508	47,118
	875		1,471	1,471
	878	1,031	26,555	27,586
	879	27,128	9,626	36,755
	887	15,900	14,846	30,746
	889	2,618	531	3,149
	892	4,087	5,374	9,461
	893	3,858	2,129	5,987
	902	27,344	13,988	41,331
	903	75	. 0,000	75
	904	637		637
	905	21		21
	909	12,710		12,710
	913	9,307		9,307
	920	9,507	34,669	34,669
	921	49,031	34,009	
	921/930.2	6,441		49,031
	922			6,441
1	923	(1,917)		(1,917)
	1	(10,357)	(4.054)	(10,357)
	926	17,333	(4,251)	13,083
	928	8,384		8,384
	930.2	888,567		888,567
	931	15,600		15,600
11110555	932	9,063	4,793	13,857
4/1/2005 Tot		8,761,141	162,533	8,923,675
5/1/2005		1,686		1,686
	804	4,416,355		4,416,355
	841	1,800		1,800
	843.4	661		661
	843.5	3,148		3,148
	843.6	1,400		1,400
	843.9	5,442		5,442
	844.2		34,369	34,369
}	870		1,514	1,514
}	871		996	996
	874	25,830	18,620	44,451

Sum of SumC	OfAmount	PNPInd		
	FERC	Nonpayroll	Payroll	Grand Total
5/1/2005		Horipayron	525	
	877	4	323	525
1	878	826	25 902	4
1	879		25,893	26,719
	887	25,560 45,350	13,068	38,628
	889	15,259	16,186	31,445
I I	892	2,618	887	3,506
	893	3,982	6,573	10,555
I I	902	7,178	4,992	12,170
	902	42,310	10,556	52,866
	903	90		90
		4,380		4,380
	905	31		31
	909	4,622		4,622
I I	913	7,441		7,441
1	920		40,409	40,409
I I	921	52,861		52,861
	921/930.2	3,598		3,598
I I	922	(2,397)		(2,397)
I I	923	(25,946)		(25,946)
I I	926	19,047	(3,532)	15,515
	928	8,384		8,384
	930.2	467,363		467,363
I I	931	13,101		13,101
	932	4,654	4,682	9,336
5/1/2005 Tota	1	5,111,289	175,738	5,287,027
6/1/2005		9,151		9,151
I I	304	2,490,165		2,490,165
I I	341	11,276		11,276
	343.4	472		472
	343.5	9,688		9,688
	343.6	29,950		29,950
	343.9	(5,827)		(5,827)
I I	344.2		34,001	34,001
I I	370		6,073	6,073
l I	371		1,522	1,522
I I I	374	27,905	15,860	43,765
I .	375		2,522	2,522
	378	1,398	26,735	28,133
	379	24,484	11,872	36,356
	387	18,214	16,795	35,008
	388		78	78
I .	389	2,419	1,741	4,161
	392	5,424	9,906	15,330
	393	2,584	1,735	4,319
	902	36,363	8,527	44,890
	903	75		75
	904	1,830		1,830
	905	25		25
	909	6,822		6,822
	913	9,446		9,446
9	920	(5,747)	53,507	47,760
				- 4 000
	921 921/930.2	51,062 9,117		51,062 9,117

Sum of Sum	OfAmount	PNPInd		
FullDate	FERC	Nonpayroll	Payroll	Grand Total
6/1/2005	922	(2,797)	,	(2,797)
	923	23,266		23,266
	926	6,189	(625)	5,563
	928	8,384	(020)	8,384
	930.2	468,043		468,043
	931	16,499		
	932	•	2 700	16,499
6/1/2005 Tot		12,606	3,789	16,395
7/1/2005	ai I	3,268,487	194,037	3,462,524
11112005	904	2,841		2,841
	804	2,672,550		2,672,550
	841	35,869		35,869
	843.4	471		471
	843.5	400		400
	843.6	15		15
	843.7	2,419		2,419
	843.9	10,844		10,844
	844.2		27,746	27,746
	870		4,639	4,639
	871		2,359	2,359
	874	20,935	15,382	36,318
	875		2,744	2,744
	878	873	27,315	28,188
	879	24,614	12,438	37,052
	887	20,670	12,171	32,841
	889	1,563	462	2,024
	892	6,178	7,902	14,081
	893	7,598	2,183	9,782
	902	44,803	112	44,915
	903	105	112	105
	904	8,500		8,500
	909	14,162		· ·
	913			14,162
	920	7,837	20.000	7,837
	920	44 500	30,806	30,806
		41,588		41,588
	921/930.2	9,092		9,092
	922	(2,197)		(2,197)
	923	2,949		2,949
	926	2,178	1,105	3,284
	928	8,384		8,384
	930.2	494,432		494,432
	931	15,664		15,664
	932	5,724	3,985	9,708
7/1/2005 Tot		3,461,061	151,350	3,612,411
8/1/2005		2,740,355		2,740,355
	841	51,068		51,068
	843.4	1,970		1,970
	843.5	5,670		5,670
	843.7	353		353
	843.9	(5,182)		(5,182)
	844.2	, ,	37,505	37,505
	870		3,687	3,687
	871		1,962	1,962
	874	25,830	16,929	42,758
1	1	1 20,000	10,020	1 72,700

Sum of Sum	OfAmount	PNPInd		
	FERC	Nonpayroll	Payroll	Grand Total
8/1/2005		Nonpayron	2,190	
0/1/2003	878	926		2,190
	879	836	20,325	21,161
	1 1	10,247	11,305	21,552
	887	15,275	15,628	30,903
1	889	5,464	1,089	6,554
i	892	5,545	8,150	13,694
	893	7,569	3,596	11,165
l	902	55,485	1,531	57,016
	903	60		60
	905	1,503		1,503
	909	5,600		5,600
	913	6,375		6,375
	920	-	26,975	26,975
	921	45,021		45,021
	921/930.2	3,442		3,442
	922	(1,939)		(1,939)
	923	34,463		34,463
E .	925	6,288		6,288
	926	(187,998)	(3,824)	(191,822)
	928	8,384	(0,021)	8,384
	930.2	455,260		455,260
	931	15,725		15,725
	932	11,475	5,349	16,823
8/1/2005 Tot		3,324,143	152,396	3,476,539
9/1/2005		27,980	102,030	27,980
0.1,2000	804	3,415,106		3,415,106
	841	4,970		4,970
	843.3	73		73
	843.4	1,461		1,461
	843.5	829		829
	843.6	12,282		12,282
	843.7	690		
	843.9	16,130		690
	844.2	10,130	22 424	16,130
	l		33,431	33,431
	870 871		3,767	3,767
		20.070	1,433	1,433
	874	22,876	16,113	38,989
	875	054	171	171
	878	854	19,361	20,215
	879	9,400	12,300	21,700
	887	4,191	16,521	20,712
	889	2,914	1,223	4,137
	892	15,286	9,573	24,859
	893	5,567	1,538	7,104
	902	56,567	645	57,213
	903	160		160
	904	5,411		5,411
	909	5,000		5,000
	913	7,776		7,776
	920	(3,603)	38,861	35,258
	921	42,251		42,251
	921/930.2	5,447		5,447
	922	(2,416)		(2,416)

Sum of SumOfAmount	PNPInd		
FullDate FERC	Nonpayroll	Payroll	Grand Total
9/1/2005 923	2,975	, ayıon	2,975
925	2,510		2,570
926	(14,622)	(3,624)	(18,246)
928	8,384	(0,02+)	8,384
930.2	393,130		393,130
930.2	16,081	1	16,081
932	8,023	4,478	12,501
9/1/2005 Total	4,071,175	155,791	4,226,966
10/1/2005 804	9,455,300	133,781	9,455,300
841	18,191		18,191
843.2	1,247		1,247
843.4	44,541		
843.5	2,500		44,541
			2,500
843.7	2,108		2,108
843.9	17,260	25 204	17,260
844.2		35,301	35,301
870	454	2,039	2,039
871	154	1,220	1,374
874	34,134	13,985	48,119
875		437	437
878	2,497	22,141	24,638
879	8,726	11,405	20,132
887	25,659	14,803	40,461
889	3,172	475	3,647
892	5,859	4,113	9,971
893	5,884	1,545	7,428
902	41,109	893	42,002
903	70		70
904	3,001		3,001
905	43		43
909	9,735		9,735
913	2,855		2,855
920	79,627	34,414	114,041
921	45,147		45,147
921/930.2	5,944		5,944
922	(7,614)		(7,614)
923	13,363		13,363
926	(23,404)	(3,198)	
928	8,384		8,384
930.2	440,710		440,710
931	16,403		16,403
932	6,088	4,459	10,547
10/1/2005 Total	10,268,693	144,030	10,412,723
11/1/2005	6,697		6,697
804	11,337,430		11,337,430
807	7,299		7,299
841	31,283		31,283
843.4	1,106		1,106
843.5	4,224		4,224
843.7	6,310		6,310
843.9	8,247		8,247
844.2	, , , , ,	42,532	42,532
870		6,605	6,605

Sum of Sum(OfAmount	PNPInd		
	FERC	Nonpayroll	Payroll	Grand Total
11/1/2005	871	8	706	714
	874	36,479	11,318	47,798
1	875		209	209
	878	5,122	39,406	44,528
	879]	2,660	26,951	29,611
	887	23,459	21,241	44,700
	889	2,020	2,521	4,541
	892	7,364	10,932	18,296
	893	24,956	1,446	26,402
	902	39,875	(51)	39,824
	903	40		40
	904	4,226		4,226
	909	5,050		5,050
	913	7,128		7,128
	920	(22,376)	30,612	8,236
	921	50,771		50,771
	921/930.2	2,748		2,748
	922	(730)		(730)
, ,	923	37,714		37,714
1	926	(17,423)	(2,960)	(20,383)
	928	8,384		8,384
1	930.2	417,935		417,935
	931	15,375		15,375
	932	2,480	2,444	4,924
11/1/2005 To	tal	12,055,860	193,913	12,249,773
12/1/2005	004	221,591		221,591
	804 807	20,042,453		20,042,453
1	841	19,662		10 663
1 1	843.4	4,705		19,662 4,705
1	843.5	6,231		6,231
	843.6	1,487		1,487
	843.7	12,880		12,880
	843.9	3,302		3,302
1 1	844.2	0,002	37,373	37,373
1 1	870		4,599	4,599
[871		1,416	1,416
	874	41,036	12,141	53,177
	875		377	377
	878	282	25,152	25,434
	879	9,856	16,488	26,344
	887	61,858	16,865	78,723
	889	5,243		9,217
	892	9,538	5,997	15,536
	893	15,316	1,608	16,924
	902	54,681		54,681
	903	25		25
	904	2,801		2,801
	905	21		21
	909	8,182		8,182
	913	9,736		9,736
	920	(4,819		21,297
I	921	54,182		54,182

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Sum of Sum	OfAmount	PNPInd		
FullDate	FERC	Nonpayroll	Payroll	Grand Total
12/1/2005	921/930.2	835		835
	922	(1,909)		(1,909)
	923	28,917		28,917
	926	(4,483)	5,448	966
1	928	8,384		8,384
	930.2	538,607		538,607
	931	16,210		16,210
	932	6,093	3,473	9,566
12/1/2005 To	otal	21,172,902	161,028	21,333,930

FERC Acct#	Total	Labor	Total Net Labor
840 Total	79,663	63,001	16,662
841 Total	502,159	303,606	198,553
843.2 Total	798		798
843.3 Total	92		92
843.4 Total	38,691		38,691
843.5 Total	30,590		30,590
843.6 Total	30,544		30,544
843.7 Total	28,567		28,567
843.9 Total	67,019		67,019
870 Total	44,867	44,289	578
871 Total	20,699	20,150	549
874 Total	577,165	174,423	402,742
875 Total	13,476	13,476	0
877 Total	13,922		13,922
878 Totai	442,863	274,017	168,846
879 Total	118,927	136,980	(18,053)
880 Total	8,927		8,927
887 Total	470,830	185,536	285,294
888 Total	475	70	405
889 Total	49,668	15,926	33,742
891 Total	0		0
892 Total	158,363	84,883	73,480
893 Total	112,905	18,286	94,619
894 Total	1,652		1,652
902 Total	595,537	105,478	490,059
903 Total	5,066		5,066
904 Total	126,670		126,670
905 Total	5,770		5,770
908 Total	91,343		91,343
909 Total	111,221		111,221
912 Total	0		0
913 Total	926,765	166	926,599
916 Total	348		348
920 Total	1,940,739	474,384	1,466,355
921 Total	1,094,225		1,094,225
922 Total	(220,785)		(220,785)
923 Total	1,290,241		1,290,241
924 Total	134,204		134,204
925 Total	58,666		58,666
926 Total	1,192,785		1,192,785
928 Total	93,796		93,796
930.1 Total	126		126
930.2 Total	272,490		272,490
931 Total	408,539		408,539
932 Total	376,428	43,001	333,427
Grand Total	11,317,034	1,957,672	9,359,362

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FG-51

Does the LDC have a written policy regarding non-base pay compensation or stock options? If so, please provide a copy of this policy. Were any amounts paid or accrued during the test period? If so, please provide a schedule of employees, showing the amount paid or accrued and the basis of the calculation. Provide the same information for the attrition period.

Response

Chattanooga Gas Company ("CGC") does not have a non-base pay compensation or stock option policy. AGL Resources Inc. ("AGLR"), the parent company of CGC, maintains the following non-base pay compensation plans:

- Long-Term Incentive Plan (1999) ("LTIP")
- Annual Incentive Plan (AIP)
- Officer Incentive Plan (OIP)

Copies of the above plans are included with this response.

During the test period, an aggregate of 8,800 non-qualified stock options were granted to CGC employees under the LTIP. An aggregate of 8,800 non-qualified stock options is estimated to be granted to CGC employees under the LTIP or a similar successor plan during the attrition period. In 2005, AGLR accounted for stock options under the recognition and measurement principles of Accounting Principles Board Opinion 25, "Accounting for Stock Issued to Employees" and related interpretations. In general, stock based employee compensation cost was not reflected as an expense in 2005. Additionally, all stock options exercised were recorded on the books and records of AGLR. Effective January 1, 2006, AGLR accounts for stock options under SFAS 123R, which require recognition of stock options as an expense. Please refer to Note 3 of the 2005 AGLR Annual Report, which was provided in the Company's response to TRA FG Item No. 17, for further explanation of this accounting change. Attrition period LTIP expense is estimated to be approximately \$47,000.

Amounts charged to CGC for the AIP and OIP plans are based on the allocation process of AGSC. Amounts charged to CGC for the test period for the AIP and OIP plans were \$343,065 and \$148,065, respectively. Amounts estimated in the attrition period for the AIP and OIP plans were \$97,000 and \$117,000, respectively.

This response was prepared by or under the supervision of Michael J. Morley, Director, Regulatory Accounting and Reporting, AGL Services Company.

AGL RESOURCES INC.

AGL RESOURCES INC.
OFFICER INCENTIVE PLAN

PROSPECTUS

This document constitutes part of a prospectus covering securities that have been registered under the Securities Act of 1933.

The date of this prospectus is December 20, 2001.

PROSPECTUS FOR AGL RESOURCES INC. OFFICER INCENTIVE PLAN

Dear Participant:

You have been awarded certain stock options or shares of restricted stock under the AGL Resources Inc. Officer Incentive Plan, which we refer to as the "Plan." The terms of your option agreement or restricted stock agreement with AGL Resources and the terms of the Plan will determine when you become eligible to exercise all or some of your stock options, or when you vest in complete ownership rights with respect to your restricted stock, granted under the Plan. The information contained in this booklet is required under federal securities laws and is intended to permit you to make an informed decision about acquiring shares of our \$5.00 par value common stock.

The enclosed materials consist of the following items:

- Important Information about this Prospectus; How to Obtain Additional Information
- AGL Resources Inc. Officer Incentive Plan
- Form of nonqualified stock option agreement; restricted stock agreement; notice of exercise
- Federal Income Tax Consequences
- ERISA; Restrictions on Resales of Common Stock
- Where You Can Find More Information

December 20, 2001



Important Information about This Prospectus

Federal securities laws require that we provide you with a "prospectus" that sets forth information about the relative risks and merits of investing in AGL Resources common stock. We may update this prospectus in the future by furnishing you with current information in the form of an appendix or supplement to this prospectus. An appendix or supplement may add, update, or change information contained in this document. When we deliver an appendix or supplement, we also will give you another copy of this prospectus without charge if you request it.

You should carefully read this prospectus and any appendices or supplements, together with the additional information described under the heading "Where You Can Find More Information."

This prospectus may be used only in connection with our offer and sale of common stock under the Plan. You cannot use this prospectus to offer or sell common stock that you acquire under the Plan to anyone else. Neither the Securities and Exchange Commission, which we refer to as the "SEC," nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

How to Obtain Additional Information

This prospectus incorporates important business and financial information about us that is not included in or delivered with this document. This information is described under "Where You Can Find More Information." If you have questions about the Plan, you may contact AGL Resources Inc., Office of Executive Compensation, Location 1429, P.O. Box 4569, Atlanta, Georgia 30302, (404) 584-3428.



AGL RESOURCES INC. OFFICER INCENTIVE PLAN

AGL RESOURCES INC. OFFICER INCENTIVE PLAN

Section 1

PLAN INFORMATION

- 1.1 <u>Purpose</u>. AGL Resources Inc. (the "Company") has established the AGL Resources Inc. Officer Incentive Plan (the "OIP") to further the growth and development of the Company. The OIP provides the Company and its Related Companies a plan under which to offer a proprietary interest in the Company's Common Stock as a material inducement to certain officer level individuals to enter employment with the Company and its Related Companies.
- 1.2 <u>Awards Available Under the OIP</u>. The OIP permits Awards of Nonqualified Stock Options ("NQSOs") and Restricted Stock . NQSOs are options that do not qualify as incentive stock options under Code §422 and are subject to taxation under Code §83. Awards of Restricted Stock are also subject to taxation under Code §83.
- 1.3 Effective Date and Term of the OIP. The Board of Directors of the Company adopted the OIP on March 20, 2001. The OIP is effective as of April 1, 2001 (the "Effective Date"). Unless terminated by the Company, the OIP will remain in effect until the tenth anniversary of the date the Board adopted the OIP. If the OIP is terminated earlier, then it will remain in effect as long as any Awards are outstanding.
- 1.4 <u>Shareholder Approval and Code Section 162(m)</u>. The OIP is intended as a plan under which grants and awards may be made to persons not previously employed by the Company and its Related Companies as an inducement essential to such persons entering into employment with the Company and/or its Related Companies. As such, the Company is not required to obtain shareholder approval of the OIP under the rules of the New York Stock Exchange. If the Company does not obtain shareholder approval of the OIP, any grant or award made under the OIP will not be eligible for the performance-based exemptions under Code Section 162(m)(4)(C).
- 1.5 Operation, Administration and Definitions. The operation and administration of the OIP is subject to the provisions of this plan document. Capitalized terms used in the OIP are defined in Section 2 below or may be defined within the OIP.

Section 2

PLAN DEFINITIONS

For purposes of the OIP, the terms listed below are defined as follows:

- 2.1 "1933 Act" means the Securities Act of 1933, as amended.
- 2.2 "1934 Act" means the Securities Exchange Act of 1934, as amended.
- 2.3 "Agreement" means a Restricted Stock Agreement or Stock Option Agreement, as applicable, the terms and conditions of which have been established by the Committee.
- 2.4 "Award" means any award or benefit granted to any Participant under the OIP, including, without limitation, the grant of Stock Options and the award of Restricted Stock.
 - 2.5 "Board" means the Board of Directors of the Company.
 - 2.6 "Change of Control" means that:
 - (a) any "person" as defined in Section 3(a)(9) of the 1934 Act, and as used in Section 13(d) and 14(d) thereof, including a "group" as defined in Section 13(d) of the 1934 Act but excluding the Company and any subsidiary and any employee benefit plan sponsored or maintained by the Company or any subsidiary (including any trustee of such plan acting as trustee), directly or indirectly, becomes the "beneficial owner" (as defined in Rule 13d-3 under the 1934 Act), of securities of the Company representing 10% or more of the combined voting power of the Company's then outstanding securities (unless the event causing the 10% threshold to be crossed is an acquisition of securities directly from the Company); or
 - (b) the shareholders of the Company approve any merger or other business combination of the Company, sale of 50% or more of the Company's assets or combination of the foregoing transactions (the "Transactions") other than a Transaction immediately following which the shareholders of the Company and any trustee or fiduciary of any Company employee benefit plan immediately prior to the Transaction owns at least 80% of the voting power, directly or indirectly, of (i) the surviving corporation in any such merger or other business combination; (ii) the purchaser of the Company's assets; (iii) both the surviving corporation and the purchaser in the event of any combination of Transactions; or (iv) the parent company owning 100% of such surviving corporation, purchaser or both the surviving corporation and the purchaser, as the case may be; or
 - (c) within any twenty-four month period, the persons who were directors immediately before the beginning of such period (the "Incumbent Directors") cease (for any reason other than death) to constitute at least a majority of the Board or the board of directors of a successor to the Company. For this purpose, any director who was not a director at the beginning of such period will be deemed to be an Incumbent Director if such director was elected to the Board by, or on the recommendation of or with the approval of, at least two-thirds of the directors who then qualified as Incumbent Directors (so long as such

director was not nominated by a person who has entered into an agreement to effect a Change of Control or expressed an intent to cause such a Change of Control).

- 2.7 "Code" means the Internal Revenue Code of 1986, as amended. A reference to any provision of the Code includes reference to any successor provision of the Code.
- 2.8 "Common Stock" means the common stock, \$5.00 par value per share, of the Company.
 - 2.9 "Company" means AGL Resources Inc.
 - 2.10 "Effective Date" means April 1, 2001.
- 2.11 "Eligible Employee" means any individual hired at an officer level of the Company or a Related Company whose offer of employment included a promise of a grant or award of stock options or restricted stock as a signing incentive and who is actively employed at the time Awards are made.
- 2.12 "Exercise Price" means the purchase price of the shares of Common Stock underlying a Stock Option.
- 2.13 "Fair Market Value" means, as of any date of determination, the most recent closing price per share of the Common Stock as published in the Eastern Edition of *The Wall Street Journal* report on the New York Stock Exchange Composite Transactions (or other established exchange on which the Common Stock is listed).
 - 2.14 "OIP" means this AGL Resources Inc. Officer Incentive Plan.
- 2.15 "Nonqualified Stock Option" or "NOSO" means an option which is not an incentive stock option within the meaning of Code §422(b).
 - 2.16 "Optionee" means an Eligible Employee who is granted a Stock Option.
 - 2.17 "Participant" means an Optionee or a Recipient.
- 2.18 "Pricing Date" means the date on which a Stock Option is granted. However, the Committee may specify as the Pricing Date in the Option Agreement of an NQSO the date on which the Optionee is hired or promoted (or some similar event).
 - 2.19 "Recipient" means an Eligible Employee who is awarded Restricted Stock.
- 2.20 "Related Company" means any member within the Company's controlled group of corporations, as that term is defined in Code §1563(a).
- 2.21 "Reload Option" means a Stock Option granted to an Optionee who exercises a previously-held Stock Option by tendering Common Stock for part or all of the Exercise Price, pursuant to the provisions of Section 6.7 of the OIP.
- 2.22 "Reporting Person" means an Eligible Employee who is subject to the reporting requirements of Section 16 of the 1934 Act.

- 2.23 "Restricted Stock" means an Award of Common Stock subject to such conditions, restrictions and contingencies as the Committee determines.
- 2.24 "Restricted Stock Agreement" means a written agreement signed and dated by the Committee and a Recipient that specifies the terms and conditions of an Award of Restricted Stock.
- 2.25 "Stock Option" means an NQSO or Reload Option, as applicable, granted to an Eligible Employee under the OIP.
- 2.26 "Stock Option Agreement" means a written agreement signed and dated by the Committee and an Optionee that specifies the terms and conditions of an Award of a Stock Option or Reload Option.

Section 3

PLAN ADMINISTRATION

- 3.1 <u>Administration</u>. The Nominating and Compensation Committee of the Board of Directors of the Company (the "Committee") will control and manage the operation and administration of the OIP.
 - (a) The Committee may make one or more Awards under the OIP to an Eligible Employee, who will become a Participant in the OIP. In addition, the Committee may make one or more Awards to an individual who has accepted an offer of employment from the Company or one of its Related Companies but who has not yet become an Eligible Employee; provided, that the Committee will subject such Award(s) to appropriate restrictions in the event that such individual does not become an Eligible Employee. The Committee will decide to whom and when to grant an Award, the type of Award that it will grant and the number of shares of Common Stock covered by the Award. The Committee also will decide the terms, conditions, performance criteria, restrictions and other provisions of the Award. The Committee may grant a single Award or an Award in combination with another Award(s) to a Participant. In making Award decisions, the Committee may take into account the nature of services to be rendered by the Eligible Employee, the Eligible Employee's potential contribution to the Company's success and such other factors as the Committee, in its sole discretion, deems relevant.
 - (b) In accordance with Section 5 of the OIP, the Committee will decide whether and to what extent Awards under the OIP will be structured to conform with Code §162(m) requirements applicable to performance-based compensation. The Committee may take any action, establish any procedures and impose any restrictions that it finds necessary or appropriate to conform with Code §162(m). If every member of the Committee does not meet the definition of "outside director" as defined in Code §162(m), the Committee will form a subcommittee of those members who do meet that definition, and that subcommittee will have all authority and discretion to act as the Committee to make Awards that conform with Code §162(m).

- (c) The Committee will interpret the OIP, establish and rescind any rules and regulations relating to the OIP, decide the terms and provisions of any Agreements made under the OIP, and determine how to administer the OIP. The Committee also will decide administrative methods for the exercise of Stock Options. Each Committee decision will be final, conclusive and binding on all parties.
- (d) The Committee will act by a majority of its then members at a meeting of the Committee or by unanimous written consent. The Committee will keep adequate records concerning the OIP and the Committee's proceedings and acts in such form and detail as the Committee may decide.
- 3.2 <u>Delegation by Committee</u>. Unless prohibited by applicable law or the applicable rules of a stock exchange, the Committee may allocate all or some of its responsibilities and powers to any one or more of its members. The Committee also may delegate all or some of its responsibilities and powers to any person or persons it selects. The Committee may revoke any such allocation or delegation at any time.
- 3.3 <u>Information to be Furnished to Committee</u>. In order for the Committee to discharge its duties, it may require the Company, its Related Companies, Participants and other persons entitled to benefits under the Plan to provide it with certain data and information.
- 3.4 <u>Indemnification</u>. In addition to such other rights of indemnification that they have as members of the Board or the Committee, the Company will indemnify the members of the Committee, to the extent permitted by applicable law, against reasonable expenses (including, without limitation, attorney's fees) actually and necessarily incurred in connection with the defense of any action, suit or proceeding, or in connection with any appeal, to which they or any of them may be a party by reason of any action taken or failure to act under or in connection with the OIP or any Award awarded hereunder, and against all amounts paid by them in settlement thereof (provided such settlement is approved to the extent required by and in the manner provided by the articles of incorporation or the bylaws of the Company relating to indemnification of the members of the Board) or paid by them in satisfaction of a judgment in any such action, suit or proceeding, except in relation to such matters as to which it is adjudged in such action, suit or proceeding that such Committee member or members did not act in good faith and in a manner reasonably believed to be in or not opposed to the best interests of the Company.

Section 4

STOCK SUBJECT TO THE PLAN

4.1 Stock Subject to Awards.

Stock subject to Awards and other provisions of the OIP will consist of shares of Common Stock purchased by the Company in the open market.

4.2 Shares of Common Stock Subject to Awards.

- (a) <u>Maximum Number of Shares</u>. Subject to adjustment in accordance with the provisions of Section 9, the maximum number of shares of Common Stock that may be issued under the OIP will be 600,000 shares of Common Stock.
- (b) The number of shares of Common Stock subject to Awards (other than Awards of Restricted Stock) which are forfeited, canceled or expired without the issuance of Common Stock shall again be available for issuance pursuant to new Awards made under the OIP.

Section 5

STOCK OPTIONS

- 5.1 <u>Stock Option Agreement</u>. When the Committee grants a Stock Option under the OIP, it will prepare (or cause to be prepared) a Stock Option Agreement that specifies the following terms:
 - (a) the name of the Optionee;
 - (b) the total number of shares of Common Stock to which the Stock Option pertains;
 - (c) the Exercise Price of the Stock Option;
 - (d) the date as of which the Committee granted the Stock Option;
 - (e) the requirements that must be met for the Stock Option to first become exercisable;
 - (f) whether Reload Options are available with respect to the Stock Option and if so, any limitations on the granting of or number of successive Reload Options that may be granted with regard to the Stock Option and any Reload Options under the Stock Option; and
 - (g) the expiration date of the Stock Option.
- 5.2 <u>Maximum Award Per Year</u>. Subject to adjustment in accordance with Section 9 of the OIP, no more than 500,000 shares of Common Stock may be made subject to Stock Options granted during a calendar year to any one Optionee.

5.3 Exercise Price.

(a) The Exercise Price of each Stock Option will be 100% of the Fair Market Value of a share of Common Stock as of the Pricing Date.

(b) Notwithstanding any other provision of the OIP to the contrary (other than the provisions of Section 9.1 relating to adjustments due to certain corporate transactions), (i) the Exercise Price of a Stock Option may not be changed subsequent to the date of grant of the Stock Option, and (ii) a Stock Option may not be repriced subsequent to its date of grant by replacing, regranting or canceling the Stock Option.

5.4 Exercisability.

- (a) <u>General Schedule</u>. Each Stock Option will become exercisable according to the schedule set forth in the applicable Stock Option Agreement; provided, however, that the Committee will always have the authority to accelerate the exercisability of any Stock Option granted under the OIP.
- (b) <u>Accelerated Exercisability</u>. In the event of an Optionee's termination of employment with the Company and all Related Companies under one of the following conditions, any outstanding Stock Options will become immediately exercisable and remain exercisable until the expiration date of the Stock Option:
 - (i) death;
 - (ii) disability (as determined by the Committee in its sole discretion); or
 - (iii) retirement under the terms of the AGL Resources Inc. Retirement Plan or any other retirement plan approved by the Board for that purpose.

In addition, any outstanding Stock Option will become immediately exercisable and remain exercisable until the expiration date of the Stock Option upon a Change of Control of the Company.

5.5 Expiration Date.

- (a) <u>Original Expiration Date</u>. Unless the Committee specifies otherwise in the Stock Option Agreement, subject to section (b) below, the term of a Stock Option granted under the OIP begins on the date of grant and ends ten years after the date of grant.
- (b) <u>Accelerated Expiration Date</u>. Unless the Committee specifies otherwise in the Stock Option Agreement, a Stock Option granted under the OIP will expire upon the earliest to occur of the following:
 - (i) The Original Expiration Date of the Stock Option;
 - (ii) <u>Death</u>. The one-year anniversary of the Optionee's death;

- (iii) <u>Disability</u>. The one-year anniversary of the Optionee's termination of employment with the Company and all Related Companies due to disability (as determined by the Committee in its sole discretion);
- (iv) Retirement. The one-year anniversary of the Optionee's termination of employment with the Company and all Related Companies due to retirement under the terms of the AGL Resources Inc. Retirement Plan or any other retirement plan approved by the Board for that purpose; or
- (v) Termination of Employment. The date of the Optionee's termination of employment with the Company and all Related Companies for any reason other than death, disability or retirement (as described above); provided, that if the Optionee's termination of employment is due to a layoff, office or operation closing, or other involuntary severance by the Company or Related Company (except for performance reasons), then the date sixty (60) days following the date of the Optionee's termination of employment.

The Committee will always have the authority and discretion to extend the Expiration Date of any Stock Option as long as the extended Expiration Date is not later than the Original Expiration Date.

- 5.6 Terms of Stock Option Exercise. Unless the Committee specifies otherwise in the Stock Option Agreement, an Optionee may exercise a Stock Option for less than the full number of shares of Common Stock subject to the Stock Option. However, such exercise may not be made for less than 100 shares or the total remaining shares subject to the Stock Option. The Committee may in its discretion specify other Stock Option terms, including restrictions on frequency of exercise and periods during which Stock Options may not be exercised.
- 5.7 <u>Payment of Exercise Price</u>. The Optionee must pay the full Exercise Price for shares of Common Stock purchased upon the exercise of any Stock Option at the time of such exercise by one of the following forms of payment:
 - (a) cash;
 - (b) by tendering unrestricted shares of Common Stock which have a Fair Market Value equal to the Exercise Price. The Optionee must have held the tendered shares of Common Stock for at least six months before their tender. The Optionee may tender shares of Common Stock either by attestation or by the delivery of a certificate or certificates for shares duly endorsed for transfer to the Company, and if required, with medallion level signature guarantee by a member firm of a national stock exchange, by a national or state bank, or by the Company's credit union (or guaranteed or notarized in such other manner as the Committee may require);
 - (c) broker-assisted cashless exercise; or

- (d) any combination of the above forms or any other form of payment permitted by the Committee.
- Reload Options. When the Committee grants a Stock Option, it will designate in 5.8 the Stock Option Agreement whether a Reload Option accompanies such Stock Option and any limitations that will apply to the granting of the Reload Option or the number of successive Reload Options. The Committee, in its discretion, may grant one or more successive Reload Options to an Optionee who pays all or a portion of the Exercise Price of a Stock Option with shares of Common Stock. Notwithstanding the terms of any Stock Option, the Committee will grant Reload Options only to Participants who are actively employed by the Company or a Related Company at the time the grant is to be made. If the Committee has designated a Stock Option as having an accompanying Reload Option, the Committee will grant a Reload Option for the same number of shares as is tendered in payment of the Exercise Price (but not for shares tendered for tax or other withholding obligations) upon exercise of the Stock Option. The Reload Option will have the same terms and conditions as the related original Stock Option, including the expiration date of the original Stock Option, except that (i) the Exercise Price for a Reload Option will be the Fair Market Value of the Common Stock as of the date of grant of such Reload Option, and (ii) the Reload Option will become fully exercisable six months after its date of grant.
- 5.9 <u>Transferability</u>. Unless the Committee specifies otherwise in the Stock Option Agreement, an Optionee may transfer Stock Options under the OIP only by will or by the laws of descent and distribution. After the death of an Optionee, only the executor or administrator of the Optionee's estate may exercise an outstanding Stock Option.
- 5.10 Rights as a Shareholder. An Optionee will first have rights as a shareholder of the Company with respect to shares of Common Stock covered by a Stock Option only when the Optionee has paid the Exercise Price in full and the shares have been issued to the Optionee.

Section 6

RESTRICTED STOCK

- 6.1 <u>Restricted Stock Agreement</u>. When the Committee awards Restricted Stock under the OIP, it will prepare (or cause to be prepared) a Restricted Stock Agreement that specifies the following terms:
 - (a) the name of the Recipient;
 - (b) the total number of shares of Common Stock to which the Award of Restricted Stock pertains;
 - (c) the manner in which the Restricted Stock will become vested and nonforfeitable and a description of any restrictions applicable to the Restricted Stock; and
 - (d) the date as of which the Committee awarded the Restricted Stock.

- 6.2 <u>Maximum Award Per Year</u>. Subject to adjustment in accordance with Section 9 of the OIP, no more than 50,000 shares of Restricted Stock may be awarded during a calendar year to any one Eligible Employee.
- 6.3 <u>Vesting</u>. Restricted Stock will become vested and nonforfeitable in accordance with the vesting schedule and/or vesting requirements set forth in the applicable Restricted Stock Agreement. The Committee may determine, in accordance with Section 5 of the OIP, whether such vesting schedule and/or vesting requirements will conform with the requirements applicable to performance-based compensation under Code §162(m). Restricted Stock will become immediately vested and nonforfeitable upon a Change of Control of the Company. In addition, the Committee will always have the authority to accelerate vesting of any Restricted Stock awarded under this OIP.
- 6.4 <u>Termination of Employment</u>. Unless the Committee decides otherwise, all shares of Restricted Stock which remain subject to restriction upon the Recipient's termination of employment for any reason (including death, disability or retirement under the terms of the AGL Resources Inc. Retirement Plan or any other retirement plan approved by the Board for that purpose) will be forfeited as of the date of such termination of employment.
- 6.5 <u>Delivery of Restricted Stock</u>. The Company will issue the shares of Restricted Stock within a reasonable period of time after execution of the Restricted Stock Agreement. As long as any restrictions apply to the Restricted Stock, the shares of Restricted Stock shall be held by the Committee in uncertificated form in a restricted account.
- 6.6 <u>Transferability</u>. Unless the Committee specifies otherwise in the Restricted Stock Agreement, a Recipient may not sell, exchange, transfer, pledge, hypothecate or otherwise dispose of shares of Restricted Stock awarded under this OIP while such shares are still subject to restriction.
- 6.7 Effect of Restricted Stock Award. Upon issuance of the shares of the Restricted Stock, the Recipient will have immediate rights of ownership in the shares of Restricted Stock, including the right to vote the shares and the right to receive dividends with respect to the shares.

Section 7

PLAN OPERATION

7.1 Certain Corporate Transactions.

(a) <u>Recapitalization</u>. If the Company is involved in a corporate transaction (including, without limitation, any recapitalization, reclassification, reverse or forward stock split, stock dividend, extraordinary cash dividend, merger, consolidation, split-up, spin-off, combination or exchange of shares) which constitutes a Change of Control, then the Committee will adjust Awards to preserve the benefits or potential benefits of the Awards as follows:

- (i) the Committee will take action to adjust the number and kind of shares of Common Stock that are issuable under the OIP;
- (ii) the Committee will take action to adjust the number and kind of shares of Common Stock subject to outstanding Awards;
- (iii) the Committee will take action to adjust the Exercise Price of outstanding Stock Options; and
- (iv) the Committee will make any other equitable adjustments.

Only whole shares of Common Stock will be issued in making the above adjustments. Further, the number of shares available under the OIP or the number of shares of Common Stock subject to any outstanding Awards will be the next lower number of shares, so that fractions are rounded downward. If the Company issues any rights or warrants to subscribe for additional shares pro rata to holders of outstanding shares of the class or classes of stock then set aside for the OIP, then each Optionee will be entitled to the same rights or warrants on the same basis as holders of outstanding shares with respect to such portion of the Optionee's Stock Option as is exercised on or prior to the record date for determining shareholders entitled to receive or exercise such rights or warrants.

- (b) <u>Reorganization</u>. If the Company is part of any reorganization involving merger, consolidation, acquisition of the stock or acquisition of the assets of the Company which requires shareholder approval but does not constitute a Change of Control, the Committee, in its discretion, may decide that:
 - (i) any or all outstanding Stock Options granted under the OIP will pertain to and apply, with appropriate adjustment as determined by the Committee, to the securities of the resulting corporation to which a holder of the number of shares of the Common Stock subject to such Stock Option would have been entitled;
 - (ii) any or all outstanding Stock Options granted under the OIP will become immediately fully exercisable (to the extent permitted under federal or state securities laws);
 - (iii) any or all outstanding Stock Options granted under the OIP will become immediately fully exercisable (to the extent permitted under federal or state securities laws) and will be terminated after giving at least 30 days' notice to the Participants to whom such Stock Options have been granted; and/or
 - (iv) any or all awards of Restricted Stock hereunder will become immediately fully vested and nonforfeitable.
- (c) <u>Limits on Adjustments</u>. Any issuance by the Company of stock of any class other than the Common Stock, or securities convertible into shares of stock of any

class, will not affect, and no adjustment by reason thereof will be made with respect to, the number or price of shares of the Common Stock subject to any Stock Option, except as specifically provided otherwise in this OIP. The grant of Awards under the OIP will not affect in any way the right or authority of the Company to make adjustments, reclassifications, reorganizations or changes of its capital or business structure or to merge, consolidate or dissolve, or to liquidate, sell or transfer all or any part of its business or assets. All adjustments the Committee makes under this OIP will be conclusive.

- 7.2 <u>Compliance with Other Laws and Regulations</u>. Distribution of shares of Common Stock under the OIP will be subject to the following:
 - (a) Notwithstanding any other provision of the OIP, the Company will not be required to issue any shares of Common Stock under the OIP unless such issuance complies with all applicable laws (including, without limitation, the requirements of the 1933 Act and Section 16 of the 1934 Act) and the applicable requirements of any securities exchange or similar entity. For Reporting Persons, the Company believes that the OIP and all transactions under the OIP comply with all applicable conditions of Rule 16b-3 under the 1934 Act. If any provision of the OIP, or action by the Committee, fails to so comply, then the Committee will declare such provision or action null and void ab initio.
 - (b) When the OIP provides for issuance of Common Stock, the Company may issue shares of Common Stock on a noncertificated basis as long as it is not prohibited by applicable law or the applicable rules of any stock exchange.
 - (c) The Company may require a Participant to submit evidence that the Participant is acquiring shares of Common Stock for investment purposes.
- 7.3 <u>Tax Withholding</u>. The Participant must pay to the Company an amount necessary to cover all applicable income tax and other withholdings before the Company will issue Common Stock under the OIP. The Participant may satisfy the withholding requirements by any one or combination of the following methods:
 - (a) cash; or
 - (b) withholding shares of Common Stock which are otherwise issuable as part of the Award.
- 7.4 <u>Limitation of Implied Rights</u>. The OIP is not a contract of employment. A Participant will not have the right to be retained as an employee of the Company or any Related Company and will not have any right or claim under the OIP, unless such right or claim has specifically accrued under the terms of the OIP.
- 7.5 Conditions of Participation in the OIP. When the Committee makes an Award, it will require a Participant to enter into an Agreement in a form specified by the Committee, agreeing to the terms and conditions of the Award and to such additional terms and conditions, not inconsistent with the terms and conditions of the OIP, as the Committee may, in its sole

discretion, prescribe. If there is a conflict between any provision of an Agreement and the OIP, the OIP will control.

- 7.6 Evidence. Anyone required to give evidence under the OIP may give such evidence by certificate, affidavit, document or other information which the person acting on the evidence considers pertinent, reliable and signed, made or presented by the proper party or parties.
- 7.7 Amendment and Termination of the OIP and Agreements. The Board may amend or terminate the OIP at any time. No such amendment or termination will adversely affect, in any way, the rights of individuals who have outstanding Awards unless such individuals consent to such amendment or termination. The Committee may amend any Agreement which it previously has authorized under the OIP if the amended Agreement is signed by the Company and the applicable Participant.
- 7.8 Action by Company or Related Company. The Board of Directors of the Company or any Related Company will take any action required or permitted to be taken by resolution.
- 7.9 Gender and Number: Headings. Words in any gender will include any other gender, words in the singular will include the plural and the plural will include the singular. The headings in this OIP are for convenience of reference. Headings are not a part of the OIP and will not be considered in the construction of the OIP.
- 7.10 <u>Legal References</u>. Any reference in this OIP to a provision of law which is later revised, modified, finalized or redesignated, will automatically be considered a reference to such revised, modified, finalized or redesignated provision of law.
- 7.11 <u>Notices</u>. In order for a Participant or other individual to give notice or other communication to the Committee, the notice or other communication will be in the form specified by the Committee and delivered to the location designated by the Committee in its sole discretion.
- 7.12 Governing Law. The OIP is governed by and will be construed in accordance with the laws of the State of Georgia.

ADOPTED BY BOARD OF DIRECTORS ON MARCH 20, 2001
THIS PLAN HAS NOT BEEN SUBMITTED FOR SHAREHOLDER APPROVAL.

AGL RESOURCES INC. OFFICER INCENTIVE PLAN

NONQUALIFIED STOCK OPTION AGREEMENT

This Agreement s	ets forth the terms of a Nonqualified Stock Option granted under the above-named Plan.
Name of Particip	ant:
Date of Grant:	
Number of Option	on Shares:
Exercise Price:	\$ per share (no less than the fair market value on date of grant)
Reload Options:	This option [shall/shall not] be subject to reload options. Reload Options shall be limited to:
Exercisability:	This option shall first become exercisable as follows:
-	Immediately exercisable upon date of grant
0	percent of option shares exercisable on the first anniversary of the date of grant; percent of option shares exercisable on each successive anniversary of the date of grant.
	Other:
defined in t	ading the above, all shares under this option shall become exercisable upon the death, disability or retirement (as the Plan) of the Participant or upon a change of control of AGL Resources Inc. (as defined in the Plan). Also, in the Participant's termination of employment for any reason other than death, disability or retirement (as defined, any portion of the option which has not become exercisable shall immediately terminate.
Term of Exercis	ability: Once all or a part of the option becomes exercisable, it shall remain exercisable until the earliest of:
. "	The one-year anniversary of the Participant's termination of employment due to death, disability or retirement (a defined in the Plan)
0	The date of the Participant's termination of employment for any reason other than death, disability or retirement (as defined in the Plan)
•	The date that is (up to 10) years from the date of grant
D	Other:
Transferability	: The Participant:
. 🗅	may transfer the option pursuant only to the laws of descent and distribution
	may transfer the option in the following manner:
prospectus, incl	reement is subject to the terms and conditions of the Plan. The Participant has received a copy of the Plan's adding a copy of the Plan. The Participant agrees to the terms of this Option Agreement, which may be amended then agreement signed by the parties hereto. The Company will notify the Participant of the methods by which this xercised.
This	day of, 200
AGL RESOUR	CES INC. PARTICIPANT:
Ву:	

AGL RESOURCES INC. OFFICER INCENTIVE PLAN

RESTRICTED STOCK AGREEMENT

Name of	Participant:	Restricted Stock Award No.
Date of A	Award:	Number of Restricted Shares:
Vesting:	The restricted shares shall first become vested	as follows:
	Immediately vested upon date of award.	
ם		on the first anniversary of the date of award. on each successive anniversary of the date of award.
	Other:	,
AGI any		nder this award shall become vested upon a change of control of the Participant's termination of employment for any reason, be fortfeited immediately.
	may not transfer restricted shares still subject	ct to restriction
	may transfer restricted shares still subject to	restriction in the following manner:
Plan's pr may be a	rospectus, including a copy of the Plan. The Pa amended only upon a written agreement signed	
This	day of,	
AGL R	ESOURCES INC.	PARTICIPANT:
Ву:		
	M. Platt, Vice President and Corporate Secretary	



Officer Incentive Plan Notice of Exercise

	(3	Please print)	Social Security #	
Home Address_				
inversions.	egiboo) igraes e total			
l elect to exer	cise the following	g employee stock opti	on(s):	
Stock Option No.	Date of Grant	A Number of Shares	B Option Price per Share	A x B Total Purchase Pric
(ensinters//Sa	mje Day/Sale/#	lyment w		
			check payable to AGL Resource	s Inc. in the total amount
\$, which i	epresents the total purchas	se price of the exercised option.	
Stock Swap	Sharas Tema	red		
Optionee will de	eliver this Notice of	Exercise, together with a	check payable to AGL Resource	s Inc. in the total amount
\$, and	shares which	represents the total purchase pri	ce of the exercised option
70 is 10 D				
Dationee will di			1 1 11 10 10 10	
			check payable to AGL Resource se price of the exercised option.	es Inc. in the total amount
\$, which	represents the total purcha		es Inc. in the total amount
\$ <u></u>		represents the total purcha		es Inc. in the total amount
	, which	represents the total purcha	se price of the exercised option.	es Inc. in the total amount
Executed this	, which	represents the total purcha	se price of the exercised option. Signature of Optionee	·
Executed thisAGL Resources	, which and a day of	represents the total purcha	se price of the exercised option.	ayment in the form and
Executed this	, which and a day of	represents the total purcha	Signature of Optionee tice of Exercise and receipt of pa	nyment in the form and
Executed thisAGL Resources	, which and a day of	represents the total purcha	Signature of Optionee tice of Exercise and receipt of pa	ayment in the form and

Federal Income Tax Consequences

The following discussion is a summary of the federal income tax provisions relating to the grant and exercise of stock options under the Plan, the grant of restricted stock under the Plan, and the subsequent sale of common stock acquired under the Plan. The income tax laws and regulations change frequently. You should rely upon your own tax advisor for advice concerning the specific tax consequences applicable to you, including the applicability and effect of state, local, and foreign tax laws.

Nonqualified Stock Options. All of the options granted under the Plan are nonqualified. There will be no federal income tax consequences to you or to us upon the grant of an option under the Plan. When you exercise a nonqualified option for cash, you will recognize ordinary income in an amount equal to the excess of the fair market value of the common stock received upon exercise of the option at the time of exercise over the exercise price, and we will be allowed a corresponding federal income tax deduction. Any gain that you recognize when you later sell or dispose of the option shares will be short-term or long-term capital gain, depending on how long you held the shares.

If you exercise a nonqualified stock option by paying the exercise price with previously acquired common stock, you will recognize income (relative to the new shares you are receiving) in two steps. In the first step; a number of new shares equal to the number of older shares you delivered in payment of the exercise price is considered to have been exchanged in accordance with Section 1036 of the Internal Revenue Code, as amended, or the "Code," and no gain or loss is recognized with respect to those shares. Your tax basis in that number of new shares that is equal to the number of the older shares you delivered (the "exchange shares") will be the same as your tax basis in the old shares delivered and your capital gain holding period in the old delivered shares will apply (carry over) to the exchange shares. In the second step, with respect to the number of new shares you acquire in excess of the number of old shares delivered (the "profit shares"), you will recognize ordinary income equal to the fair market value of the profit shares on the date of exercise, less any cash consideration you paid to exercise the option. Your tax basis in the profit shares will equal the amount of income you recognized upon exercise of the option, plus the amount of any cash consideration you paid to exercise the option, and your capital gains holding period for the profit shares will start as of the date of exercise.



Restricted Stock. Unless you make an election to accelerate recognition of the income to the date of grant as described below, you will not recognize income, and we will not be allowed a tax deduction, at the time a restricted stock award is granted. When the restrictions lapse, you will recognize ordinary income equal to the fair market value of the common stock as of that date (less any amount you paid for the stock), and we will be allowed a corresponding federal income tax deduction at that time, subject to any applicable deduction limitations. If you file an election under Section 83 of the Code within 30 days after the date of grant of the restricted stock, you will recognize ordinary income as of the date of grant equal to the fair market value of the stock as of that date (less any amount you paid for the stock), and we will be allowed a corresponding federal income tax deduction at that time, subject to any applicable deduction limitations. Any future appreciation in the stock will be taxable to you at capital gains rates. However, if the stock is later forfeited, you will not be able to recover the tax previously paid pursuant to your Section 83(b) election.

ERISA

The Plan is not, and is not intended to be, an employee benefit plan or tax-qualified retirement plan. Therefore, the Plan is not subject to the Employee Retirement Income Security Act of 1974, as amended, or Section 401(a) of the Code.

Restrictions on Resales of Common Stock

We have registered the shares of common stock issuable under the Plan under the Securities Act of 1933, as amended, which we refer to as the "Securities Act." Restrictions on your sales of common stock acquired under the Plan will depend upon your status as an "affiliate" of AGL Resources. "Affiliates" generally are defined as persons or entities who control, are controlled by, or are under common control with, a company and typically include executive officers, directors, and 10% or greater stockholders. A director or executive officer of a subsidiary of AGL Resources may be deemed an affiliate if he or she plays a policy-making role at the parent company level.

If you are an affiliate, you may resell common stock acquired under the Plan only in compliance with all of the provisions of Rule 144 under the Securities Act, other than the holding period requirement, or under a separate registration for the sale of the shares or in a privately negotiated transaction.

In general, under Rule 144, an affiliate may only sell within any three-month period a number of shares of stock that does not exceed the greater of (a) 1% of our then-outstanding shares of stock, or (b) the average weekly reported trading volume of our stock during the four calendar weeks preceding the sale. In addition, in order to satisfy Rule 144, the sales must be conducted in normal broker's transaction or through a market maker, you may be required to file a form with the SEC, and we must continue to satisfy our reporting requirements under the Securities Exchange Act of 1934, as amended, which we refer to as the "1934 Act."

If you are not an affiliate, you may resell the shares acquired under the Plan without restriction. This prospectus does not cover any resales of common stock received by non-affiliates under the Plan.

Where You Can Find More Information

We file annual, quarterly and current reports; proxy statements, and other information with the SEC. This information is available on the Internet at the SEC's website at http://www.sec.gov. You also may read and copy any document we file with the SEC at the SEC's public reference rooms at 450 Fifth Street, N.W., Room 1024, Washington, D.C. 20549; or Citicorp Center, 500 West Madison Street, Suite 1400, Chicago, Illinois 60601. You can call the SEC at 1-800-SEC-0330 for more information about the public reference rooms and their copy charges. You also can inspect the reports and other information that we file with the SEC at the New York Stock Exchange, 20 Broad Street, New York, New York 10005.

We have filed a registration statement with the SEC under the Securities Act relating to the common stock offered under the Plan. For further information about us and our common stock, you should refer to the registration statement and its exhibits. You should also review the full text of the Plan, which we have included in this prospectus.

The SEC allows us to "incorporate by reference" into this prospectus certain information that we file with them, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus, and information that we file later with the SEC will automatically update and supersede the information contained in this prospectus.

We incorporate by reference into this prospectus the documents listed below, as of the date of their filing:

- Our Annual Report on Form 10-K for the fiscal year ended September 30, 2001.
- All other reports filed by us under Section 13(a) or 15(d) of the 1934 Act since September 30, 2001.
- The description of our common stock as contained in Item 4
 of our Registration Statement on Form 8-B, filed with the
 SEC on January 17, 1996, including all amendments or
 reports filed for the purpose of updating such description.



We also incorporate by reference into this prospectus all additional documents filed by us under Sections 13(a), 13(c), 14, or 15(d) of the 1934 Act after the date of this prospectus and prior to the filing of a post-effective amendment to the registration statement which indicates that all securities offered have been sold or which deregisters all securities then remaining unsold.

You should rely only on the information incorporated by reference or provided in this prospectus or any appendix or supplement. We have not authorized anyone to provide you with different information. We are not making an offer of these securities in any state where the offer is not permitted. You should not assume that the information contained in or incorporated by reference in this prospectus is accurate as of any later date.

You may request a copy of our latest annual report to shareholders and any of the documents incorporated by reference in this prospectus, at no cost, by writing or calling us at the following address and telephone number:

AGL Resources Inc.
Office of the Corporate Secretary
Location 1080
817 West Peachtree Street, 10th Floor
Atlanta, Georgia 30308
Telephone: (404) 584-9470

In addition, we will deliver to you copies of all reports, proxy statements, and other communications that we distribute to our shareholders generally.

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AGL RESOURCES INC.

AGL RESOURCES INC.
AMENDED AND RESTATED
LONG-TERM INCENTIVE PLAN (1999)

PROSPECTUS

This document constitutes part of a prospectus covering securities that have been registered under the Securities Act of 1933.

The date of this prospectus is February 1, 2002.

PROSPECTUS FOR AGL RESOURCES INC. AMENDED AND RESTATED LONG-TERM INCENTIVE PLAN (1999)

Dear Participant:

You have been awarded certain stock options, shares of restricted stock or performance units under the AGL Resources Inc. Amended and Restated Long-Term Incentive Plan (1999), or the "LTIP." The terms of the LTIP and your option agreement, restricted stock agreement or performance unit agreement with AGL Resources will determine when you become eligible to exercise all or some of your stock options, or when you vest in complete ownership rights with respect to your restricted stock or performance units granted under the LTIP. We are providing you with this booklet of information.

The information contained in this booklet is required under federal securities laws and is intended to permit you to make an informed decision about acquiring shares of our \$5.00 par value common stock. The enclosed materials consist of the following items:

- Important Information about this Prospectus; How to Obtain Additional Information
- AGL Resources Inc. Amended and Restated Long-Term Incentive Plan (1999)
- Form of nonqualified stock option agreement; incentive stock option agreement; restricted stock agreement; and performance unit agreement
- Federal Income Tax Consequences
- ERISA; Restrictions on Resales of Common Stock
- Where You Can Find More Information

February 1, 2002



Important Information About This Prospectus

Federal securities laws require that we provide a "prospectus" to each participant in the LTIP setting forth information about the relative risks and merits of investing in AGL Resources common stock. We may update this prospectus in the future by furnishing you with current information in the form of an appendix or supplement to this prospectus. An appendix or supplement may add, update, or change information contained in this document. When we deliver an appendix or supplement, we also will give you another copy of this prospectus without charge if you request it. If you are a new participant in the LTIP, we will give you a copy of this prospectus and any current appendix or supplement.

You should carefully read this prospectus and any appendices or supplements, together with the additional information described under the heading "Where You Can Find More Information."

This prospectus may be used only in connection with our offer and sale of common stock under the LTIP. You cannot use this prospectus to offer or sell common stock that you acquire under the LTIP to anyone else. Neither the Securities and Exchange Commission, which we refer to as the "SEC," nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

How to Obtain Additional Information

This prospectus incorporates important business and financial information about us that is not included in or delivered with this document. This information is described under "Where You Can Find More Information." If you have questions about the LTIP or the committee that administers the LTIP, you may contact AGL Resources Inc., Office of Executive Compensation, Location 1429, P.O.Box 4569, Atlanta, Georgia 30302, (404) 584-3428.



AGL RESOURCES INC. LONG-TERM INCENTIVE PLAN (1999)

RESTATEMENT EFFECTIVE JANUARY 1. 2002

AGL RESOURCES INC. AMENDED AND RESTATED LONG-TERM INCENTIVE PLAN (1999)

Section 1

PLAN INFORMATION

- 1.1 Restatement. AGL Resources Inc. (the "Company") originally established the AGL Resources Inc. Long-Term Incentive Plan (1999) (the "LTIP"), effective as of January 1, 1999. The Board of Directors of the Company adopted the LTIP on November 5, 1998, and the shareholders approved the LTIP at the February 5, 1999 annual meeting of shareholders. At its meeting on October 30, 2001, the Board of Directors of the Company approved certain amendments to the LTIP, which are incorporated in this restatement of the LTIP. This restatement of the LTIP is effective as of January 1, 2002, contingent upon shareholder approval.
- 1.2 <u>Purpose</u>. The LTIP encourages Eligible Employees of the Company and its Related Companies to obtain a proprietary interest in the Company by owning its stock. The LTIP also will provide the Eligible Employees with an added incentive to continue in the employ of the Company or a Related Company and will stimulate their efforts in promoting the growth, efficiency and profitability of the Company and its Related Companies. The LTIP also may help to attract outstanding employees to the service of the Company and its Related Companies.
- 1.3 Awards Available Under the LTIP. The LTIP permits Awards of Stock Options, Restricted Stock and/or Performance Units. Stock Options consist of incentive stock options ("ISOs"), nonqualified stock options ("NQSOs") and Reload Options. The Company intends that ISOs granted under the LTIP qualify as incentive stock options under Code §422. NQSOs are options that do not qualify as ISOs and are subject to taxation under Code §83. Awards of Restricted Stock and/or Performance Units are subject to taxation under Code §83.
- 1.4 <u>Term of the LTIP</u>. Unless terminated by the Company, the LTIP will remain in effect until the tenth anniversary of the earlier of the date the Board adopted the LTIP or the shareholders approved the LTIP. If the LTIP is terminated earlier, then it will remain in effect as long as any Awards are outstanding.
- 1.5 <u>Operation, Administration and Definitions</u>. The operation and administration of the LTIP is subject to the provisions of this plan document. Capitalized terms used in the LTIP are defined in Section 2 below or may be defined within the LTIP.



Section 2

PLAN DEFINITIONS

For purposes of the LTIP, the terms listed below are defined as follows:

- 2.1 "1933 Act" means the Securities Act of 1933, as amended.
- 2.2 "1934 Act" means the Securities Exchange Act of 1934, as amended.
- 2.3 "Agreement" means a Performance Unit Agreement, Restricted Stock Agreement or Stock Option Agreement, as applicable, the terms and conditions of which have been established by the Committee.
- 2.4 "Award" means any award or benefit granted to any Participant under the LTIP, including, without limitation, the grant of Stock Options and the award of Restricted Stock and/or Performance Units.
 - 2.5 "Board" means the Board of Directors of the Company.
 - 2.6 "Change of Control" means that:
 - (a) any "person" as defined in Section 3(a)(9) of the 1934 Act, and as used in Section 13(d) and 14(d) thereof, including a "group" as defined in Section 13(d) of the 1934 Act but excluding the Company and any subsidiary and any employee benefit plan sponsored or maintained by the Company or any subsidiary (including any trustee of such plan acting as trustee), directly or indirectly, becomes the "beneficial owner" (as defined in Rule 13d-3 under the 1934 Act), of securities of the Company representing 10% or more of the combined voting power of the Company's then outstanding securities (unless the event causing the 10% threshold to be crossed is an acquisition of securities directly from the Company); or
 - (b) the shareholders of the Company approve any merger or other business combination of the Company, sale of 50% or more of the Company's assets or combination of the foregoing transactions (the "Transactions") other than a Transaction immediately following which the shareholders of the Company and any trustee or fiduciary of any Company employee benefit plan immediately prior to the Transaction owns at least 80% of the voting power, directly or indirectly, of (i) the surviving corporation in any such merger or other business combination; (ii) the purchaser of the Company's assets; (iii) both the surviving corporation and the purchaser in the event of any combination of Transactions; or (iv) the parent company owning 100% of such surviving corporation, purchaser or both the surviving corporation and the purchaser, as the case may be; or
 - (c) within any twenty-four month period, the persons who were directors immediately before the beginning of such period (the "Incumbent Directors") cease (for any reason other than death) to constitute at least a majority of the Board or the board of directors of a successor to the Company. For this purpose, any director who was not a director at the beginning of such period will be deemed to be an Incumbent Director if

such director was elected to the Board by, or on the recommendation of or with the approval of, at least two-thirds of the directors who then qualified as Incumbent Directors (so long as such director was not nominated by a person who has entered into an agreement to effect a Change of Control or expressed an intent to cause such a Change of Control).

- 2.7 "Code" means the Internal Revenue Code of 1986, as amended. A reference to any provision of the Code includes reference to any successor provision of the Code.
- 2.8 "Common Stock" means the common stock, \$5.00 par value per share, of the Company.
 - 2.9 "Company" means AGL Resources Inc.
- 2.10 "Effective Date" means January 1, 2002 with regard to this restatement of the LTIP, subject to shareholder approval. The LTIP was originally effective as of January 1, 1999.
- 2.11 "Eligible Employee" means any common law key employee of the Company or a Related Company who is actively employed at the time Awards are made. However, only employees of the Company and any "parent" or "subsidiary" of the Company (as those terms are defined in Code §424) are eligible to receive ISOs.
- 2.12 "Exercise Price" means the purchase price of the shares of Common Stock underlying a Stock Option.
- 2.13 "Fair Market Value" means, as of any date of determination, the most recent closing price per share of the Common Stock as published in the Eastern Edition of *The Wall Street Journal* report on the New York Stock Exchange Composite Transactions (or other established exchange on which the Common Stock is listed).
- 2.14 "Incentive Stock Option" or "ISO" means an incentive stock option within the meaning of Code §422(b).
 - 2.15 "LTIP" means this AGL Resources Inc. Long-Term Incentive Plan (1999).
- 2.16 "Nonqualified Stock Option" or "NQSO" means an option, which is not an incentive stock option within the meaning of Code §422(b).
 - 2.17 "Optionee" means an Eligible Employee who is granted a Stock Option.
 - 2.18 "Participant" means an Optionee or a Recipient.
- 2.19 "Performance Unit" means an award of the right, subject to such conditions, restrictions and contingencies as the Committee determines, to receive one share of Common Stock in the future.
- 2.20 "Performance Unit Agreement" means a written agreement signed and dated by the Committee and a Recipient that specifies the terms and conditions of an Award of Performance Units.

- 2.21 "Pricing Date" means the date on which a Stock Option is granted. However, the Committee may specify as the Pricing Date in the Option Agreement of an NQSO the date on which the Optionee is hired or promoted (or some similar event).
- 2.22 "Recipient" means an Eligible Employee who is awarded Restricted Stock or Performance Units.
- 2.23 "Related Company" means any member within the Company's controlled group of corporations, as that term is defined in Code §1563(a).
- 2.24 "Reload Option" means a Stock Option granted to an Optionee who exercises a previously-held Stock Option by tendering Common Stock for part or all of the Exercise Price, pursuant to the provisions of Section 6.7 of the LTIP.
- 2.25 "Reporting Person" means an Eligible Employee who is subject to the reporting requirements of Section 16 of the 1934 Act.
- 2.26 "Restricted Stock" means an Award of Common Stock subject to such conditions, restrictions and contingencies as the Committee determines.
- 2.27 "Restricted Stock Agreement" means a written agreement signed and dated by the Committee and a Recipient that specifies the terms and conditions of an Award of Restricted Stock.
- 2.28 "Stock Option" means an ISO, NQSO or Reload Option, as applicable, granted to an Eligible Employee under the LTIP.
- 2.29 "Stock Option Agreement" means a written agreement signed and dated by the Committee and an Optionee that specifies the terms and conditions of an Award of a Stock Option or Reload Option.

Section 3

PLAN ADMINISTRATION

- 3.1 <u>Administration</u>. The Compensation Committee of the Board of Directors of the Company (the "Committee") will control and manage the operation and administration of the LTIP.
 - (a) The Committee may make one or more Awards under the LTIP to an Eligible Employee, who will become a Participant in the LTIP. In addition, the Committee may make one or more Awards (other than grants of ISOs) to an individual who has accepted an offer of employment from the Company or one of its Related Companies but who has not yet become an Eligible Employee; provided, that the Committee will subject such Award(s) to appropriate restrictions in the event that such individual does not become an Eligible Employee. The Committee will decide to whom and when to grant an Award, the type of Award that it will grant and the number of shares of Common Stock covered by the Award. The Committee also will decide the

terms, conditions, performance criteria, restrictions and other provisions of the Award. The Committee may grant a single Award or an Award in combination with another Award(s) to a Participant. In making Award decisions, the Committee may take into account the nature of services rendered by the Eligible Employee, the Eligible Employee's present and potential contribution to the Company's success and such other factors as the Committee, in its sole discretion, deems relevant.

- (b) In accordance with Section 5 of the LTIP, the Committee will decide whether and to what extent Awards under the LTIP will be structured to conform with Code §162(m) requirements applicable to performance-based compensation. The Committee may take any action, establish any procedures and impose any restrictions that it finds necessary or appropriate to conform with Code §162(m). If every member of the Committee does not meet the definition of "outside director" as defined in Code §162(m), the Committee will form a subcommittee of those members who do meet that definition, and that subcommittee will have all authority and discretion to act as the Committee to make Awards that conform with Code §162(m).
- (c) The Committee will interpret the LTIP, establish and rescind any rules and regulations relating to the LTIP, decide the terms and provisions of any Agreements made under the LTIP, and determine how to administer the LTIP. The Committee also will decide administrative methods for the exercise of Stock Options. Each Committee decision will be final, conclusive and binding on all parties.
- (d) The Committee will act by a majority of its then members at a meeting of the Committee or by unanimous written consent. The Committee will keep adequate records concerning the LTIP and the Committee's proceedings and acts in such form and detail as the Committee may decide.
- 3.2 <u>Delegation by Committee</u>. Unless prohibited by applicable law or the applicable rules of a stock exchange, the Committee may allocate all or some of its responsibilities and powers to any one or more of its members. The Committee also may delegate all or some of its responsibilities and powers to any person or persons it selects. The Committee may revoke any such allocation or delegation at any time. The Committee delegates to the Company's Corporate Secretary the authority to document any and all grants and awards made by the Committee under the LTIP.
- 3.3 <u>Information to be Furnished to Committee</u>. In order for the Committee to discharge its duties, it may require the Company, its Related Companies, Participants and other persons entitled to benefits under the Plan to provide it with certain data and information.
- 3.4 <u>Indemnification.</u> In addition to such other rights of indemnification that they have as members of the Board or the Committee, the Company will indemnify the members of the Committee, to the extent permitted by applicable law, against reasonable expenses (including, without limitation, attorney's fees) actually and necessarily incurred in connection with the defense of any action, suit or proceeding, or in connection with any appeal, to which they or any of them may be a party by reason of any action taken or failure to act under or in connection with the LTIP or any Award awarded hereunder, and against all amounts paid by them in settlement thereof (provided such settlement is approved to the extent required by and in the manner provided by the articles of incorporation or the bylaws of the Company relating to indemnification of the members of the Board) or paid by them in satisfaction of a judgment in

any such action, suit or proceeding, except in relation to such matters as to which it is adjudged in such action, suit or proceeding that such Committee member or members did not act in good faith and in a manner reasonably believed to be in or not opposed to the best interests of the Company.

Section 4

STOCK SUBJECT TO THE PLAN

4.1 Stock Subject to Awards.

Stock subject to Awards and other provisions of the LTIP will consist of the following:

- (a) authorized but unissued shares of Common Stock;
- (b) shares of Common Stock held by the Company in its treasury; or
- (c) shares of Common Stock purchased by the Company in the open market.
- 4.2 Shares of Common Stock Subject to Awards.
- (a) Subject to adjustment in accordance with the provisions of Section 9, the maximum number of shares of Common Stock that may be issued under the LTIP will be 5,500,000 shares of Common Stock, plus an annual increase as of each January 1 (commencing on January 1, 2003) equal to two percent (2%) of the shares of Common Stock outstanding on the immediately preceding December 31; provided that no more than 5,500,000 shares may be issued under ISOs.

The number of shares of Common Stock subject to Awards which are forfeited, canceled or expired without the issuance of Common Stock shall again be available for issuance pursuant to new Awards made under the LTIP.

Section 5

PERFORMANCE-BASED COMPENSATION

5.1 Performance-Based Compensation. The Committee may, in its sole discretion, make Awards to Participants intended to comply with the "performance-based" compensation requirements of Code §162(m). Vesting of such Awards will be determined based on the attainment of objective written performance goals for a performance period. The performance goal will state, in terms of an objective formula or standard, the method for computing the vesting of the Award if the goal is attained. The performance goals must be established by the Committee in writing no later than 90 days after the commencement of the performance period or, if less, the number of days which is equal to 25% of the relevant performance period. Performance goals will be based on the attainment of one or more performance measures. To the degree consistent with Code §162(m), the performance goals may be calculated without regard to extraordinary items.

- Performance Measures. Performance measures may include the following: (i) earnings before interest expense, taxes, depreciation and amortization ("EBITDA"); (ii) earnings before interest expense and taxes ("EBIT"); (iii) net earnings; (iv) net income; (v) operating income; (vi) earnings per share; (vii) book value per share; (viii) return on shareholders' equity; (ix) capital expenditures; (x) expenses and expense ratio management; (xi) return on investment; (xii) improvements in capital structure; (xiii) profitability of an identifiable business unit or product; (xiv) profit margins; (xv) stock price; (xvi) market share; (xvii) revenues or sales; (xviii) costs; (xix) cash flow; (xx) working capital; (xxi) return on assets; (xxii) economic value added; and (xxiii) gross or net profit. Performance measures may relate to the Company and/or one or more of its subsidiaries, one or more of its divisions or units or any combination of the foregoing, on a consolidated or nonconsolidated basis, and may be applied on an absolute basis or be relative to one or more peer group companies or indices, or any combination thereof, all as the Committee determines.
- Additional Requirements. For Awards under this Section 5 to constitute performance-based compensation under Code §162(m), the material terms of the performance goal attributable to such Award must be disclosed to and subsequently approved by the Company's shareholders before any compensation attributable to such Award is paid. The Committee must certify in writing prior to the payment of performance-based compensation attributable to Awards of Restricted Stock and/or Performance Units that the performance goals applicable to such Awards, as well as any other material terms applicable to such Awards, were satisfied. Such written certification may include the approved minutes of the Committee meeting in which the certification is made.

Section 6

STOCK OPTIONS

- 6.1 <u>Stock Option Agreement</u>. When the Committee grants a Stock Option under the LTIP, it will prepare (or cause to be prepared) a Stock Option Agreement that specifies the following terms:
 - (a) the name of the Optionee;
 - (b) the total number of shares of Common Stock to which the Stock Option pertains;
 - (c) the Exercise Price of the Stock Option;
 - (d) the date as of which the Committee granted the Stock Option;
 - (e) the type of Stock Option granted;
 - (f) the requirements that must be met for the Stock Option to first become exercisable;

- (g) whether Reload Options are available with respect to the Stock Option and if so, any limitations on the granting of or number of successive Reload Options that may be granted with regard to the Stock Option and any Reload Options under the Stock Option; and
 - (h) the expiration date of the Stock Option.
- 6.2 <u>Maximum Award Per Year</u>. Subject to adjustment in accordance with Section 9 of the LTIP, no more than 750,000 shares of Common Stock may be made subject to Stock Options granted during a calendar year to any one Eligible Employee.

6.3 \ Exercise Price.

- (a) The Exercise Price of each Stock Option will not be less than 100% of the Fair Market Value of a share of Common Stock as of the Pricing Date (110% of the Fair Market Value of a share of Common Stock as of the Pricing Date for an ISO optionee who owns more than ten percent of the voting power of all classes of stock of either the Company or any "parent" or "subsidiary" of the Company as defined in Code Section 424).
- (b) Notwithstanding any other provision of the LTIP to the contrary (other than the provisions of Section 9.1 relating to adjustments due to certain corporate transactions), (i) the Exercise Price of a Stock Option may not be changed subsequent to the date of grant of the Stock Option, and (ii) a Stock Option may not be repriced subsequent to its date of grant by replacing, regranting or canceling the Stock Option.

6.4 Exercisability.

- (a) <u>General Schedule</u>. Each Stock Option will become exercisable according to the schedule set forth in the applicable Stock Option Agreement; provided, however, that the Committee will always have the authority to accelerate the exercisability of any Stock Option granted under the LTIP.
- (b) <u>Accelerated Exercisability</u>. In the event of an Optionee's termination of employment with the Company and all Related Companies under one of the following conditions, any outstanding Stock Options will become immediately exercisable:
 - (i) death;
 - (ii) disability (as determined by the Committee in its sole discretion);
 or
 - (iii) retirement under the terms of the AGL Resources Inc. Retirement Plan or any other retirement plan approved by the Board for that purpose.

In addition, any outstanding Stock Option will become immediately exercisable upon a Change of Control of the Company.

6.5 Expiration Date.

- (a) <u>Original Expiration Date</u>. Unless the Committee specifies otherwise in the Stock Option Agreement, subject to section (b) below, the term of a Stock Option granted under the LTIP begins on the date of grant and ends ten years after the date of grant (or five years from the date of grant for an ISO optionee who owns more than ten percent of the voting power of all classes of stock of either the Company or any "parent" or "subsidiary" of the Company as defined in Code §424).
- (b) <u>Accelerated Expiration Date</u>. Unless the Committee specifies otherwise in the Stock Option Agreement, a Stock Option granted under the LTIP will expire upon the earliest to occur of the following:
 - (i) The original expiration date of the Stock Option;
 - (ii) <u>Death</u>. The one-year anniversary of the Optionee's death;
 - (iii) <u>Disability</u>. The one-year anniversary of the Optionee's termination of employment with the Company and all Related Companies due to disability (as determined by the Committee in its sole discretion);
 - (iv) Retirement. The one-year anniversary of the Optionee's termination of employment with the Company and all Related Companies due to retirement under the terms of the AGL Resources Inc. Retirement Plan or any other retirement plan approved by the Board for that purpose (provided, that if all or part of an ISO is not exercised within three months after the Optionee's retirement, the unexercised portion thereof will automatically become an NQSO for the remainder of the one-year period); or
 - (v) <u>Termination of Employment</u>. The date of the Optionee's termination of employment with the Company and all Related Companies for any reason other than death, disability or retirement (as described above); provided, that if the Optionee's termination of employment is due to a layoff, office or operation closing, or other involuntary severance by the Company or Related Company (except for performance reasons), then the date sixty (60) days following the date of the Optionee's termination of employment.

The Committee will always have the authority and discretion to extend the Expiration Date of any Stock Option as long as the extended Expiration Date is not later than the Original Expiration Date. If the Committee extends the Expiration Date of an ISO beyond any legal period for ISO tax treatment, then the ISO will automatically convert to an NQSO for the remainder of the extended exercise period.

6.6 Terms of Stock Option Exercise. Unless the Committee specifies otherwise in the Stock Option Agreement, an Optionee may exercise a Stock Option for less than the full number of shares of Common Stock subject to the Stock Option. However, such exercise may not be made for less than 100 shares or the total remaining shares subject to the Stock Option. The Committee may in its discretion specify other Stock Option terms, including restrictions on frequency of exercise and periods during which Stock Options may not be exercised.

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- 6.7 <u>Payment of Exercise Price</u>. The Optionee must pay the full Exercise Price for shares of Common Stock purchased upon the exercise of any Stock Option at the time of such exercise by one of the following forms of payment:
 - (a) cash;
 - (b) by tendering unrestricted shares of Common Stock, which have a Fair Market Value equal to the Exercise Price. The Optionee must have held the tendered shares of Common Stock for at least six months before their tender. The Optionee may tender shares of Common Stock either by attestation or by the delivery of a certificate or certificates for shares duly endorsed for transfer to the Company, and if required, with medallion level signature guarantee by a member firm of a national stock exchange, by a national or state bank, or by the Company's credit union (or guaranteed or notarized in such other manner as the Committee may require);
 - (c) broker-assisted cashless exercise; or
 - (d) any combination of the above forms or any other form of payment permitted by the Committee.
- Reload Options. When the Committee grants a Stock Option, it will designate in the Stock Option Agreement whether a Reload Option accompanies such Stock Option and any limitations that will apply to the granting of the Reload Option or the number of successive Reload Options. The Committee, in its discretion, may grant one or more successive Reload Options to an Optionee who pays all or a portion of the Exercise Price of a Stock Option with shares of Common Stock. Notwithstanding the terms of any Stock Option, the Committee will grant Reload Options only to Participants who are actively employed by the Company or a Related Company at the time the grant is to be made. If the Committee has designated a Stock Option as having an accompanying Reload Option, the Committee will grant a Reload Option for the same number of shares as is tendered in payment of the Exercise Price (but not for shares tendered for tax or other withholding obligations) upon exercise of the Stock Option. The Reload Option will have the same terms and conditions as the related original Stock Option, including the expiration date of the original Stock Option, except that (i) the Exercise Price for a Reload Option will be the Fair Market Value of the Common Stock as of the date of grant of such Reload Option, and (ii) the Reload Option will become fully exercisable six months after its date of grant (except as may be limited by ISO limitations).
- 6.9 <u>Transferability</u>. Unless the Committee specifies otherwise in the Stock Option Agreement, an Optionee may transfer Stock Options under the LTIP only by will or by the laws of descent and distribution. After the death of an Optionee, only the executor or administrator of the Optionee's estate may exercise an outstanding Stock Option.
- 6.10 Rights as a Shareholder. An Optionee will first have rights as a shareholder of the Company with respect to shares of Common Stock covered by a Stock Option only when the Optionee has paid the Exercise Price in full and the shares have been issued to the Optionee.

Section 7

RESTRICTED STOCK

- 7.1 Restricted Stock Agreement. When the Committee awards Restricted Stock under the LTIP, it will prepare (or cause to be prepared) a Restricted Stock Agreement that specifies the following terms:
 - (a) the name of the Recipient;
 - (b) the total number of shares of Common Stock to which the Award of Restricted Stock pertains;
 - (c) the manner in which the Restricted Stock will become vested and nonforfeitable and a description of any restrictions applicable to the Restricted Stock; and
 - (d) the date as of which the Committee awarded the Restricted Stock.
- 7.2 <u>Maximum Award Per Year</u>. Subject to adjustment in accordance with Section 9 of the LTIP, no more than 50,000 shares of Restricted Stock may be awarded during a calendar year to any one Eligible Employee.
- 7.3 <u>Vesting.</u> Restricted Stock will become vested and nonforfeitable in accordance with the vesting schedule and/or vesting requirements set forth in the applicable Restricted Stock Agreement. The Committee may determine, in accordance with Section 5 of the LTIP, whether such vesting schedule and/or vesting requirements will conform with the requirements applicable to performance-based compensation under Code §162(m). Restricted Stock will become immediately vested and nonforfeitable upon a Change of Control of the Company. In addition, the Committee will always have the authority to accelerate vesting of any Restricted Stock awarded under this LTIP.
- 7.4 <u>Termination of Employment</u>. Unless the Committee decides otherwise, all shares of Restricted Stock which remain subject to restriction upon the Recipient's termination of employment for any reason (including death, disability or retirement under the terms of the AGL Resources Inc. Retirement Plan or any other retirement plan approved by the Board for that purpose) will be forfeited as of the date of such termination of employment.
- 7.5 <u>Delivery of Restricted Stock.</u> The Company will issue the shares of Restricted Stock within a reasonable period of time after execution of the Restricted Stock Agreement. As long as any restrictions apply to the Restricted Stock, the shares of Restricted Stock shall be held by the Committee in uncertificated form in a restricted account.
- 7.6 <u>Transferability</u>. Unless the Committee specifies otherwise in the Restricted Stock Agreement, a Recipient may not sell, exchange, transfer, pledge, hypothecate or otherwise dispose of shares of Restricted Stock awarded under this LTIP while such shares are still subject to restriction.

7.7 Effect of Restricted Stock Award. Upon issuance of the shares of the Restricted Stock, the Recipient will have immediate rights of ownership in the shares of Restricted Stock, including the right to vote the shares and the right to receive dividends with respect to the shares.

Section 8

PERFORMANCE UNITS

- 8.1 Performance Unit Agreement. When the Committee awards Performance Units under the LTIP, the Committee will prepare (or cause to be prepared) a performance unit agreement that specifies the following terms:
 - (a) the name of the Recipient;
 - (b) the total number of Performance Units awarded;
 - (c) the manner in which the Performance Units will become vested and nonforfeitable;
 - (d) the date as of which the Committee awarded the Performance Units; and
 - (e) whether the awarded Performance Units are eligible for dividend credit (as provided in Section 8.4 hereof).
- 8.2 <u>Maximum Award Per Year</u>. Subject to adjustment in accordance with Section 9 of the LTIP, no more than 400,000 Performance Units may be awarded during a calendar year to any one Eligible Employee.
- 8.3 <u>Performance Unit Account.</u> When the Committee awards Performance Units under the LTIP, the Company will establish a bookkeeping account for the Recipient, which will accurately reflect the number of Performance Units awarded to the Recipient.
- 8.4 <u>Dividends.</u> On each date on which a dividend is distributed by the Company on shares of Common Stock (whether paid in cash, Common Stock or other property), if a Performance Unit has been designated as eligible for dividend credit in the Performance Unit Agreement, the Recipient's Performance Unit Account will be credited with an additional whole or fractional number of Performance Units. The number of additional Performance Units to be credited will be determined by dividing the product of the dividend value times the number of Performance Units standing in the Recipient's account on the dividend record date by the Fair Market Value of the Common Stock on the date of the distribution of the dividend (i.e., dividend amount x number of whole and fractional Performance Units as of the dividend record date / Fair Market Value of Common Stock as of dividend distribution date). Accounts will be maintained and determinations will be calculated to three decimal places.
- 8.5 <u>Vesting.</u> Performance Units will become vested and nonforfeitable in accordance with the vesting schedule and/or vesting requirements set forth in the applicable Performance Unit Agreement. The Committee may determine, in accordance with Section 5 of the LTIP,

whether such vesting schedule and/or vesting requirements will conform with the requirements applicable to performance-based compensation under Code §162(m). Unless otherwise specified in the Performance Unit Agreement, Performance Units will become immediately vested and nonforfeitable upon a Change in Control of the Company at the "target level," as prorated on a daily basis based on the completed portion of any applicable performance period as of the date of the Change in Control. In addition, the Committee will always have the authority to accelerate vesting of any Performance Units awarded under this LTIP.

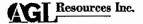
- 8.6 <u>Termination of Employment</u>. Unless otherwise specified by the Committee, unvested Performance Units will be forfeited as of the date of the Recipient's termination of employment for any reason (including death, disability or retirement under the terms of the AGL Resources Inc. Retirement Plan or any other retirement plan approved by the Board for that purpose).
- 8.7 <u>Delivery of Common Stock</u>. Upon vesting, Performance Units will be converted into Common Stock and the Common Stock will be issued to the Recipient within a reasonable period of time. Upon issuance of the Common Stock to the Recipient, the Recipient of a Performance Unit Award will have immediate rights of ownership in the shares of Common Stock, including the right to vote the shares and the right to receive dividends with respect to the shares.
- 8.8 <u>Transferability</u>. A Recipient may not sell, exchange, transfer, pledge, hypothecate or otherwise dispose of Performance Units awarded under this LTIP.
- 8.9 <u>Waiver of Restrictions</u>. The Committee may elect, in its sole discretion, to waive any or all restrictions with respect to an award of Performance Units.

Section 9

PLAN OPERATION

9.1 <u>Certain Corporate Transactions</u>.

- (a) <u>Recapitalization</u>. If the Company is involved in a corporate transaction or any other event which effects the Common Stock (including, without limitation, any recapitalization, reclassification, reverse or forward stock split, stock dividend, extraordinary cash dividend, split-up, spin-off, combination or exchange of shares), then the Committee may, in its discretion, adjust Awards to preserve the benefits or potential benefits of the Awards as follows:
 - (i) the Committee may take action to adjust the number and kind of shares of Common Stock that are issuable under the LTIP;
 - (ii) the Committee may take action to adjust the number and kind of shares of Common Stock subject to outstanding Awards;



- (iii) the Committee may take action to adjust the Exercise Price of outstanding Stock Options; and
 - (iv) the Committee may make any other equitable adjustments.

Only whole shares of Common Stock will be issued in making the above adjustments. Further, the number of shares available under the LTIP or the number of shares of Common Stock subject to any outstanding Awards will be the next lower number of shares, so that fractions are rounded downward. Any adjustment to or assumption of ISOs under this Section will be made in accordance with Code §424. If the Company issues any rights or warrants to subscribe for additional shares pro rata to holders of outstanding shares of the class or classes of stock then set aside for the LTIP, then each Optionee will be entitled to the same rights or warrants on the same basis as holders of outstanding shares with respect to such portion of the Optionee's Stock Option as is exercised on or prior to the record date for determining shareholders entitled to receive or exercise such rights or warrants.

- (b) Reorganization. If the Company is part of any reorganization involving merger, consolidation, acquisition of the Common Stock or acquisition of the assets of the Company, the Committee, in its discretion, may decide that:
 - (i) any or all outstanding Awards granted under the LTIP will pertain to and apply, with appropriate adjustment as determined by the Committee, to the securities of the resulting corporation to which a holder of the number of shares of the Common Stock subject to each such Award would have been entitled;
 - (ii) any or all outstanding Stock Options granted under the LTIP will become immediately fully exercisable (to the extent permitted under federal or state securities laws);
 - (iii) any or all outstanding Stock Options granted under the LTIP will become immediately fully exercisable (to the extent permitted under federal or state securities laws) and will be terminated after giving at least 30 days' notice to the Participants to whom such Stock Options have been granted; and/or
 - (iv) any or all awards of Restricted Stock and/or Performance Units hereunder will become immediately fully vested and nonforfeitable.
- class other than the Common Stock, or securities convertible into shares of stock of any class, will not affect, and no adjustment by reason thereof will be made with respect to, the number or price of shares of the Common Stock subject to any Stock Option, except as specifically provided otherwise in this LTIP. The grant of Awards under the LTIP will not affect in any way the right or authority of the Company to make adjustments, reclassifications, reorganizations or changes of its capital or business structure or to merge, consolidate or dissolve, or to liquidate, sell or transfer all or any part of its business or assets. All adjustments the Committee makes under this LTIP will be conclusive.

- 9.2 <u>Compliance with Other Laws and Regulations</u>. Distribution of shares of Common Stock under the LTIP will be subject to the following:
 - (a) Notwithstanding any other provision of the LTIP, the Company will not be required to issue any shares of Common Stock under the LTIP unless such issuance complies with all applicable laws (including, without limitation, the requirements of the 1933 Act and Section 16 of the 1934 Act) and the applicable requirements of any securities exchange or similar entity. For Reporting Persons, the Company believes that the LTIP and all transactions under the LTIP comply with all applicable conditions of Rule 16b-3 under the 1934 Act. If any provision of the LTIP, or action by the Committee, fails to so comply, then the Committee will declare such provision or action null and void ab initio.
 - (b) When the LTIP provides for issuance of Common Stock, the Company may issue shares of Common Stock on a noncertificated basis as long as it is not prohibited by applicable law or the applicable rules of any stock exchange.
 - (c) The Company may require a Participant to submit evidence that the Participant is acquiring shares of Common Stock for investment purposes.
- 9.3 <u>Tax Withholding</u>. The Participant must pay to the Company an amount necessary to cover minimum required income tax and other withholdings before the Company will issue Common Stock under the LTIP. The Participant may satisfy the withholding requirements by any one or combination of the following methods:
 - (a) cash; or
 - (b) withholding shares of Common Stock which are otherwise issuable as part of the Award.
- 9.4 <u>Limitation of Implied Rights</u>. The LTIP is not a contract of employment. An Eligible Employee selected as a Participant will not have the right to be retained as an employee of the Company or any Related Company and will not have any right or claim under the LTIP, unless such right or claim has specifically accrued under the terms of the LTIP.
- 9.5 Conditions of Participation in the LTIP. When the Committee makes an Award, it will require a Participant to enter into an Agreement in a form specified by the Committee, agreeing to the terms and conditions of the Award and to such additional terms and conditions, not inconsistent with the terms and conditions of the LTIP, as the Committee may, in its sole discretion, prescribe. If there is a conflict between any provision of an Agreement and the LTIP, the LTIP will control.
- 9.6 Evidence. Anyone required to give evidence under the LTIP may give such evidence by certificate, affidavit, document or other information which the person acting on the evidence considers pertinent, reliable and signed, made or presented by the proper party or parties.
- 9.7 <u>Amendment and Termination of the LTIP and Agreements</u>. The Board may amend or terminate the LTIP at any time. No such amendment or termination will adversely

affect, in any way, the rights of individuals who have outstanding Awards unless such individuals consent to such amendment or termination. The Committee may amend any Agreement which it previously has authorized under the LTIP if the amended Agreement is signed by the Company and the applicable Participant.

- 9.8 Action by Company or Related Company. The board of directors of the Company or any Related Company will take any action required or permitted to be taken by resolution.
- 9.9 Gender and Number; Headings. Words in any gender will include any other gender, words in the singular will include the plural and the plural will include the singular. The headings in this LTIP are for convenience of reference. Headings are not a part of the LTIP and will not be considered in the construction of the LTIP.
- 9.10 <u>Legal References</u>. Any reference in this LTIP to a provision of law which is later revised, modified, finalized or redesignated, will automatically be considered a reference to such revised, modified, finalized or redesignated provision of law.
- 9.11 <u>Notices</u>. In order for a Participant or other individual to give notice or other communication to the Committee, the notice or other communication will be in the form specified by the Committee and delivered to the location designated by the Committee in its sole discretion.
- 9.12 Governing Law. The LTIP is governed by and will be construed in accordance with the laws of the State of Georgia.

ORIGINALLY ADOPTED BY BOARD OF DIRECTORS ON NOVEMBER 5, 1998
ORIGINALLY APPROVED BY SHAREHOLDERS ON FEBRUARY 5, 1999
RESTATEMENT ADOPTED BY BOARD OF DIRECTORS
ON OCTOBER 30, 2001
RESTATEMENT APPROVED BY SHAREHOLDERS ON FEBRUARY 1, 2002

execomp/forms/ltip/02restatement

ATLANTA:4021330.6

AGL RESOURCES INC. LONG-TERM INCENTIVE PLAN (1999) NONQUALIFIED STOCK OPTION AGREEMENT

This Agreement sets forth the terms of a Nonqualified Stock Option granted under the above-named Plan.

Name of Participant: Nonqualified Stock Option No. Date of Grant: Number of Option Shares: Exercise Price: \$ per share (no less than the fair market value on date of grant) Reload Options: This option [shall/shall not] be subject to reload options. Reload Options shall be limited to: Exercisability: This option shall first become exercisable as follows: Immediately exercisable upon date of grant. П percent of option shares exercisable on the first anniversary of the date of grant; and percent of option shares exercisable on the second anniversary of the date of grant. Other: Notwithstanding the above, all shares under this option shall become exercisable upon the death, disability or retirement (as defined in the Plan) of the Participant or upon a change of control of AGL Resources Inc. (as defined in the Plan). Also, in the event of the Participant's termination of employment for any reason other than death, disability or retirement (as defined in the Plan), any portion of the option which has not become exercisable shall immediately terminate. m of Exercisability: Once all or a part of the option becomes exercisable, it shall remain exercisable until the earliest of: П The one-year anniversary of the Participant's termination of employment due to death, disability or retirement (as defined in the Plan) The date of the Participant's termination of employment for any reason other than death, disability or retirement (as defined in the Plan) The date that is [] years from the date of grant П \Box Transferability: The Participant: П may transfer the option pursuant only to the laws of descent and distribution may transfer the option in the following manner: П This Option Agreement is subject to the terms and conditions of the Plan. The Participant has received a copy of the Plan's prospectus, including a copy of the Plan. The Participant agrees to the terms of this Option Agreement, which may be amended only upon a written agreement signed by the parties hereto. The Company will notify the Participant of the methods by which this option may be exercised. This day of ,2 . AGL RESOURCES INC. PARTICIPANT: Melanie M. Platt, Senior Vice President and Corporate Secretary

AGL RESOURCES INC. LONG-TERM INCENTIVE PLAN (1999) INCENTIVE STOCK OPTION AGREEMENT

This Agreement	sets forth the terms of an incentive Stock Option granted under the above-named Plan.
Name of Particip	pant: Incentive Stock Option No
Date of Grant:	Number of Option Shares:
Exercise Price:	\$per share (no less than the fair market value on date of grant)
Reload Options:	This option [shall/shall not] be subject to reload options. Reload Options shall be limited to:
Exercisability:	This option shall first become exercisable as follows:
	Immediately exercisable upon date of grant.
	percent of option shares exercisable on the first anniversary of the date of grant; and percent of option shares exercisable on the second anniversary of the date of grant.
	Other:
defined in event of the	anding the above, all shares under this option shall become exercisable upon the death, disability or retirement (as a the Plan) of the Participant or upon a change of control of AGL Resources Inc. (as defined in the Plan). Also, in the he Participant's termination of employment for any reason other than death, disability or retirement (as defined in the portion of the option which has not become exercisable shall immediately terminate.
m of Exercis	sability: Once all or a part of the option becomes exercisable, it shall remain exercisable until the earliest of:
	The one-year anniversary of the Participant's termination of employment due to death, disability or retirement (as defined in the Plan)
	The date of the Participant's termination of employment for any reason other than death, disability or retirement (as defined in the Plan)
	The date that is [] years from the date of grant
	Other:
Transferability	: The Participant:
	may transfer the option pursuant only to the laws of descent and distribution
	may transfer the option in the following manner:
prospectus, incl	reement is subject to the terms and conditions of the Plan. The Participant has received a copy of the Plan's uding a copy of the Plan. The Participant agrees to the terms of this Option Agreement, which may be amended only agreement signed by the parties hereto. The Company will notify the Participant of the methods by which this option ed.
This day o	of,2
AGL RESOUR	RCES INC. PARTICIPANT:
	·
Melanie M. Pla Senior Vice Pre	esident and Corporate Secretary

AGL RESOURCES INC. LONG-TERM INCENTIVE PLAN (1999) RESTRICTED STOCK AGREEMENT

This Ag	greement	sets forth the t	erms of Kesiric	ted Stock awarded	a under the	above-named Fian.		
Name of Participant:			Restricted Stock Award No.					
Date of Award:					Nu	Number of Restricted Shares:		
Exerci	se Price:	\$	per share	(no less than the	fair market	et value on date of grant)		
Vestin	g: The re	stricted shares	shall first beco	me yested as follo	ows:			
		Immediately	vested upon da	ate of award.				
	percent of restricted shares vested on the first anniversary of the date of award; percent of restricted shares vested on each successive anniversary of the date of award.							
		Other:						
	Resource	s Inc. (as defin	ned in the Plan).		he Participa	hall become vested upon a change of control of AGL pant's termination of employment for any reason, any port		
Transf	ferability	: The Particip	ant:			•		
Δ		may not tran	nsfer restricted s	shares still subject	t to restricti	tion		
,		may transfer	r restricted shar	es still subject to	restriction i	in the following manner:		
						<u> </u>		
prospe	ctus, incl	uding a copy o	of the Plan. The		es to the ter	f the Plan. The Participant has received a copy of the Plan erms of this Restricted Stock Agreement, which may be		
This _	day o	of	, 2					
AGL :	RESOU	RCES INC.			P	PARTICIPANT:		
	nie M. Pla r Vice Pro	•	orporate Secreta	ary				

AGL RESOURCES INC. LONG-TERM INCENTIVE PLAN (1999) PERFORMANCE UNIT AGREEMENT

This Agreement sets forth the terms of Performance Units awarded under the above-named Plan. Performance Unit Award No. Name of Participant: Total Number of Performance Units: Date of Award: Vesting: The performance units shall first become vested as follows: percent of performance units vested on the first anniversary of the date of award; percent of performance units vested on each successive anniversary of the date of award. Performance Criteria: Notwithstanding the above, performance units awarded hereunder shall become vested upon a Change of Control of AGL Resources Inc. (as defined in the Plan), in a prorated amount based on the number of days of the performance period which has been completed and with performance deemed to have been met at "target" level. In the event of the Participant's termination of employment for any reason, any portion of the award which is not vested shall be forfeited immediately. ividends: The performance units: П are eligible for dividend credit are not eligible for dividend credit П Transferability: The Participant may not transfer performance units. This Performance Unit Agreement is subject to the terms and conditions of the Plan. The Participant has received a copy of the Plan's prospectus, including a copy of the Plan. The Participant agrees to the terms of this Performance Unit Agreement, which may be amended only upon a written agreement signed by the parties hereto. This _____ day of _______, 2_____ AGL RESOURCES INC. PARTICIPANT: Melanie M. Platt, Senior Vice President and Corporate Secretary

Federal Income Tax Consequences

The following discussion is a summary of the federal income tax provisions relating to the grant and exercise of stock options under the LTIP, the grant of restricted stock and performance units under the LTIP, and the subsequent sale of common stock acquired under the LTIP. The income tax laws and regulations change frequently. You should rely upon your own tax advisor for advice concerning the specific tax consequences applicable to you, including the applicability and effect of state, local, and foreign tax laws.

Nonqualified Stock Options. There will be no federal income tax consequences to you or to us upon the grant of a nonqualified stock option. When you exercise a nonqualified option for cash, you will recognize ordinary income in an amount equal to the excess of the fair market value of the common stock received upon exercise of the option at the time of exercise over the exercise price, and we will be allowed a corresponding federal income tax deduction. Any gain that you recognize when you later sell or dispose of the option shares will be short-term or long-term capital gain, depending on how long you held the shares.

If you exercise a nonqualified stock option by paying the exercise price with previously acquired common stock, you will recognize income (relative to the new shares you are receiving) in two steps. In the first step, a number of new shares equal to the number of older shares you delivered in payment of the exercise price is considered to have been exchanged in accordance with Section 1036 of the Internal Revenue Code, as amended, or the "Code," and no gain or loss is recognized with respect to those shares. Your tax basis in that number of new shares that is equal to the number of the older shares you delivered (the "exchange shares") will be the same as your tax basis in the old shares delivered and your capital gain holding period in the old delivered shares will apply (carry over) to the exchange shares. In the second step, with respect to the number of new shares you acquire in excess of the number of old shares delivered (the "profit shares"), you will recognize ordinary income equal to the fair market value of the profit shares on the date of exercise, less any cash consideration you paid to exercise the option. Your tax basis in the profit shares will equal the amount of income you recognized upon exercise of the option, plus the amount of any cash consideration you paid to exercise the option, and your capital gains holding period for the profit shares will start as of the date of exercise.

Incentive Stock Options. There typically will be no federal income tax consequences to you or to us upon the grant or exercise of an incentive stock option. If you hold the option shares for the required holding period of at least two years after the date the option was granted or one year after exercise the option, the difference between the exercise price and the amount realized upon sale or disposition of the option shares will be long-term capital gain or loss, and we will not be entitled to a federal income tax deduction. If you dispose of the option shares in a sale, exchange, or other disqualifying disposition before the required holding period ends, you will recognize taxable ordinary income in an amount equal to the excess of the fair market value of the option shares at the time of exercise over the exercise price, and we will be



allowed a corresponding federal income tax deduction. While the exercise of an incentive stock option does not result in current taxable income, the excess of the fair market value of the option shares at the time of exercise over the exercise price will be an item of adjustment for purposes of determining your alternative minimum tax income and may cause you to incur an alternative minimum tax liability in the year of exercise.

If you exercise an incentive stock option by paying the exercise price with previously acquired common stock, the tax effects can be analyzed in two steps. In the first step, a number of new shares equal to the number of older shares you delivered in payment of the exercise price is considered to have been exchanged in accordance with Section 1036 of the Code, and no gain or loss is recognized with respect to those shares. Your tax basis in that number of new shares that is equal to the number of the older shares delivered (the "exchange shares") will be the same as your tax basis in the old shares delivered and your capital gain holding period in the old delivered shares will apply (carry over) to the exchange shares. In the second step, with respect to the number of new shares you acquire in excess of the number of old shares delivered (the "profit shares"), you will recognize no income upon exercise of the option (ignoring alternative minimum tax for this purpose). Your tax basis in the profit shares will equal the amount of any cash consideration you paid to exercise the option and your capital gains holding period for the profit shares will start as of the date of exercise.

Restricted Stock. Unless you make an election to accelerate recognition of the income to the date of grant as described below, you will not recognize income, and we will not be allowed a tax deduction, at the time a restricted stock award is granted. When the restrictions lapse, you will recognize ordinary income equal to the fair market value of the common stock as of that date (less any amount you paid for the stock), and we will be allowed a corresponding federal income tax deduction at that time, subject to any applicable deduction limitations. If you file an election under Section 83 of the Code within 30 days after the date of grant of the restricted stock, you will recognize ordinary income as of the date of grant equal to the fair market value of the stock as of that date (less any amount you paid for the stock), and we will be allowed a corresponding federal income tax deduction at that time, subject to any applicable deduction limitations. Any future appreciation in the stock will be taxable to you at capital gains rates. However, if the stock is later forfeited, you will not be able to recover the tax previously paid pursuant to your Section 83(b) election.

Performance Units. You will not recognize income, and we will not be allowed a tax deduction, at the time performance units are granted, so long as the units are subject to a substantial risk of forfeiture. When you receive or have the right to receive payment of shares under the performance units, the fair market value of the shares of stock will be ordinary income to you, and we will be allowed a corresponding federal income tax deduction at that time, subject to any applicable limitations on our ability to deduct compensation in excess of certain amounts.



ERISA

The LTIP is not, and is not intended to be, an employee benefit plan or tax-qualified retirement plan. Therefore, the LTIP is not subject to the Employee Retirement Income Security Act of 1974, as amended, or Section 401(a) of the Code.

Restrictions on Resales of Common Stock

We have registered the shares of common stock issuable under the LTIP under the Securities Act of 1933, as amended, or the "Securities Act." Restrictions on your sales of common stock acquired under the LTIP will depend upon your status as an "affiliate" of AGL Resources. "Affiliates" generally are defined as persons or entities who control, are controlled by, or are under common control with, a company and typically include executive officers, directors, and 10% or greater stockholders. A director or executive officer of a subsidiary of AGL Resources may be deemed an affiliate if he or she plays a policy-making role at the parent company level.

If you are an affiliate, you may resell common stock acquired under the LTIP only in compliance with all of the provisions of Rule 144 under the Securities Act, other than the holding period requirement, or under a separate registration for the sale of the shares or in a privately negotiated transaction.

In general, under Rule 144, an affiliate may only sell within any three-month period a number of shares of stock, including shares of stock received outside of the LTIP, that does not exceed the greater of (a) 1% of our then-outstanding shares of stock, or (b) the average weekly reported trading volume of our stock during the four calendar weeks preceding the sale. In addition, in order to satisfy Rule 144, the sales must be conducted in normal broker's transaction or through a market maker, you may be required to file a form with the SEC, and we must continue to satisfy our reporting requirements under the Securities Exchange Act of 1934, as amended, or the "1934 Act."

If you are not an affiliate, you may resell the shares acquired under the LTIP without restriction. This prospectus does not cover any resales of common stock received by non-affiliates under the LTIP.



Where You Can Find More Information

We file annual, quarterly and current reports, proxy statements, and other information with the SEC. This information is available on the Internet at the SEC's website at http://www.sec.gov. You also may read and copy any document we file with the SEC at the SEC's public reference rooms at 450 Fifth Street, N.W., Room 1024, Washington, D.C. 20549; or Citicorp Center, 500 West Madison Street, Suite 1400, Chicago, Illinois 60601. You can call the SEC at 1-800-SEC-0330 for more information about the public reference rooms and their copy charges. You also can inspect the reports and other information that we file with the SEC at the New York Stock Exchange, 20 Broad Street, New York, New York 10005.

We have filed one or more registration statements with the SEC under the Securities Act relating to the common stock offered under the LTIP. For further information about us and our common stock, you should refer to the registration statements and their exhibits. You should also review the full text of the LTIP, which we have included in this prospectus.

The SEC allows us to "incorporate by reference" into this prospectus certain information that we file with them, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus, and information that we file later with the SEC will automatically update and supersede the information contained in this prospectus.

We incorporate by reference into this prospectus the documents listed below, as of the date of their filing:

- Our Annual Report on Form 10-K for the fiscal year ended September 30, 2001.
- Our Quarterly Report on Form 10-Q for the fiscal quarter ended December 31, 2001.
- All other reports filed by us under Section 13(a) or 15(d) of the 1934 Act since September 30, 2001.
- The description of our common stock as contained in Item 4 of our Registration Statement on Form 8-B, filed with the SEC on January 17, 1996, including all amendments or reports filed for the purpose of updating such description.



We also incorporate by reference into this prospectus all additional documents filed by us under Sections 13(a), 13(c), 14, or 15(d) of the 1934 Act after the date of this prospectus and prior to the filing of a post-effective amendment to the respective registration statements which indicates that all securities offered have been sold or which deregisters all securities then remaining unsold.

You should rely only on the information incorporated by reference or provided in this prospectus or any appendix or supplement. We have not authorized anyone to provide you with different information. We are not making an offer of these securities in any state where the offer is not permitted. You should not assume that the information contained in or incorporated by reference in this prospectus is accurate as of any later date.

You may request a copy of our latest annual report to shareholders and any of the documents incorporated by reference in this prospectus, at no cost, by writing or calling us at the following address and telephone number:

AGL Resources Inc.
Office of the Corporate Secretary
Location 1080
817 West Peachtree Street, 10th Floor
Atlanta, Georgia 30308
Telephone: (404) 584-9470

In addition, we will deliver to all participants in the LTIP who do not otherwise receive such material copies of all reports, proxy statements, and other communications that we distribute to our shareholders generally.

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2006 Annual Incentive Plan

Reach Your Potential



AGL Resources

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Glossary of Terms

AIP This Annual Incentive Plan

Annual Rate The rate of pay used to calculate your AIP award.

For exempt participants, Annual Rate is your earned base salary

during the Performance Measurement Period.

For nonexempt participants, Annual Rate equals your earned base

rate plus total earned overtime, shift differential and other

designated premiums paid during the Performance Measurement

Period.

Award Weighting Factors The weight assigned to each of the Performance Measures. The

total weight of your Performance Measures equals 100%.

The designated arrangement of operations and offices providing a Business Unit

measure of similar business activity by market, location, etc.

Business Unit Performance

Score

The score resulting from each Business Unit's performance

compared to the Business Unit's performance goals.

Corporate Performance Score The Corporate Performance Score is the score that corresponds

with the EPS goal achieved and certified for the Performance

Measurement Period.

EPS Earnings Per Share - Net income for the Performance

> Measurement Period divided by total shares outstanding (basic). Net income is determined in accordance with generally accepted accounting principles (GAAP). In certain instances, net income may be subject to the potential exclusion of certain one-time items.

Individual Performance Score Your Individual Performance Score is based on both your IPO and

Success Factor ratings.

IPOs Individual Performance Objectives or "What you do."

Performance Measurement

Period

The Performance Measurement Period for the current AIP is

January 1, 2006 through December 31, 2006.

Performance Measures are the criteria used to determine AIP Performance Measures

awards. Performance Measures include corporate and Business Unit performance goals and your Individual Performance Score.

Success Factors Competencies demonstrated to achieve performance or "How you

do it."

The potential amount of incentive compensation that you have the Target Award

opportunity to earn if the Total AIP Performance Score is 100%. A Target Award is expressed as a percentage of your Annual Rate.

Represents the level of corporate, Business Unit and individual Total AIP Performance Score

performance attained at the end of the Performance Measurement Period. Corporate, Business Unit, and Individual Performance

Scores each can range from 0% to 200%.

2006 Annual Incentive Plan

Q. What is the Annual Incentive Plan (AIP)?

- A. The Annual Incentive Plan (AIP) is a key part of the Company's total compensation program. It is intended to provide a meaningful opportunity to earn cash awards by working together to achieve the Company's performance objectives. The primary features are:
 - Ensuring total cash compensation levels are competitive;
 - · Rewarding strong financial performance;
 - · Aligning pay with performance;
 - · Recognizing individual performance and differentiating rewards; and
 - · Reinforcing how individual contributions support corporate success.

Q. How does the AIP support AGL Resources' strategic goals and objectives?

- A. The AIP is designed to align the interests of employees with those of the Company's shareholders and customers as well as with the strategic objectives of the Company. For 2006 our corporate goals are:
 - Provide superior growth in earnings and dividends;
 - Build on our growing reputation for customer service excellence through enhanced logistics;
 - · Make our people the competitive edge; and
 - Be relentless in business process improvement.

The AIP pays cash awards to eligible employees if established Performance Measures are met or exceeded during the Performance Measurement Period. Performance Measures may include Corporate and/or Business Unit performance goals and your Individual Performance Score, which is based on both your IPO and Success Factor ratings.

Q. Who is eligible to participate?

- A. You are eligible to participate in the AIP if you satisfy all of the following conditions:
 - You are a full-time employee of AGL Resources or of one of the following subsidiaries or operating divisions:
 - Atlanta Gas Light
 - AGL Networks
 - AGL Services
 - Chattanooga Gas
 - Elizabethtown Gas
 - Elkton Gas
 - Florida City Gas
 - Jefferson Island Storage & Hub
 - Virginia Natural Gas (VNG)
 - · You were employed on or before September 30, 2006; and
 - You are an employee on active status when AIP award payments are distributed, an employee
 on an approved leave of absence when AIP award payments are distributed, or retired on or
 before the date AIP award payments are distributed.

Union employees are eligible to participate only if their applicable Collective Bargaining Agreement (CBA) provides for such participation.

Q. Who is not eligible to participate?

A. Employees in any of the following categories are not eligible:

- Seasonal, part-time, co-op, interns, and contract employees are not eligible to participate;
- Employees who are eligible to participate in any other annual cash incentive plan are not eligible to participate;
- Employees who are hired after September 30, 2006 are not eligible to participate;

2006 Annual Incentive Plan

- Employees who resign or are discharged on or before the date any awards are paid are not eligible for payment of an award, unless otherwise provided by law (includes employees terminated under AGL Resources severance policy; or
- Union employees whose CBA does not provide for such participation.

Q. What is the Performance Measurement Period?

A. The Performance Measurement Period for the current AIP is January 1, 2006 through December 31, 2006.

Q. How does the AIP work?

- A. At the beginning of the Performance Measurement Period, corporate performance goals (earnings per share or EPS) are approved by the Policy Committee and the Compensation and Management Development Committee of the Board of Directors. Performance Measures also include:
 - · Business Unit performance goals, which are approved by the Policy Committee;
 - · IPOs, which are established in discussions with your manager; and
 - Success Factors established for your position.

Based on how we perform at each of those levels as determined at the end of the Performance Measurement Period, cash awards, if any, are paid to each participant. These payments are based on your Annual Rate, your Target Award percentage and your Total Performance Score as discussed later in this document.

Q. What are the Performance Measures?

Details are provided below for the Corporate, Business Unit and Individual levels of performance.

A. Corporate Performance Goals

Corporate performance is measured against the EPS goal approved by the Board of Directors for the Performance Measurement Period and certified by them at the end of the Performance Measurement Period. For purpose of the AIP, the certified EPS is used as the Corporate Performance Score in calculating payouts under the plan.

The EPS goal represents an aggressive goal intended to provide an incentive for participants to extend extraordinary efforts to match the expectations of our investors and customers.

At the end of the Performance Measurement Period (December 31, 2006), the Corporate Performance Score is expressed as a percentage and can range from 0% to 200%.

The following chart shows the approved corporate performance goals for the AIP and corresponding Corporate Performance Scores for the Performance Measurement Period (January 1, 2006 through December 31, 2006).

Earnings Per Share Goal	Corporate Performance Score
\$2.58 *	50%
\$2.60	75%
\$2.63	100%
\$2.65	150%
\$2.68	200%

^{*}The Company must meet or surpass \$2.58 EPS(the corporate financial performance threshold), for the year ending December 31, 2006 in order for any payment to be made, despite the level of your Business Unit performance or Individual Performance Score.



2006 Annual Incentive Plan

For EPS results falling between the levels noted above, the Corporate Performance Score will be interpolated on a straight-line basis. However, the Corporate Performance Score cannot exceed 200%.

In determining the Corporate Performance Score, the Compensation and Management Development Committee of the Company's Board of Directors has the discretion to remove the effects of all or a portion of significant one-time items (whether positive or negative) from reported EPS.

Business Unit Performance Goals

Like the Company EPS goal, Business Unit goals are aggressive and intended to provide an incentive for participants to focus their efforts and perform at stretch levels as a team. Business Units represent smaller divisions of AGL Resources that participants impact more directly through their day-to-day performance.

All AGL Resources operations and business locations have been assigned to a Business Unit for performance measurement under the AIP. Each of the following is a separate AIP Business Unit:

- Distribution Operations in Georgia, Tennessee and Florida (Southern Operations);
- Distribution Operations in Virginia, Maryland and New Jersey (Mid-Atlantic Operations);
- Jefferson Island Storage & Hub;
- AGL Networks; and
- AGL Resources Services Company

Eligible employees in each of these Business Units will have part of their AIP performance measured by the success of their respective Business Unit. The Business Unit Performance Goals consist of specific goals with respect to financial performance.

The precise Business Unit Performance Goals for 2006 have been established for each Business Unit and have been distributed to the Management Committee members for communication. These goals contain sensitive information that would be inappropriate to distribute with this document. A separate document, the "2006 AIP Business Unit Performance Goals Exhibit," is on file with each respective business head and the Policy Committee members.

At the end of the Performance Measurement Period (December 31, 2006), each Business Unit's Performance Score is calculated and expressed as a percentage that can range from 0% to 200%. Targets will equal 100% performance.

In determining the Business Unit Performance Score, the Policy Committee has the discretion to adjust for the effects of all or a portion of significant one-time items (whether positive or negative) affecting the score based on its review of the actual performance of the Business Unit compared to the Business Unit goals as set forth on the 2006 AIP Business Unit Performance Goals Exhibit.

Individual Performance

As noted earlier, one of the key objectives of the AIP is to provide recognition of individual contributions to our business success. A related objective is to provide meaningful differentiation of awards. When a participant achieves superior levels of performance, the award they receive is appropriately greater than the awards received by participants with lower performance ratings.

There are two measures of individual performance. IPOs measure individual performance - the "what you achieve" and Success Factors measure competencies demonstrated to achieve that performance - the "how you achieve." Performance ratings for these two measures will be combined to determine your Individual Performance Score, which can range from 0% to 200%. This score will be considered along with the Corporate and Business Unit Performance Scores to determine your individual award payout. An example will be provided later in this document.



At the end of the Performance Measurement Period, your IPO and Success Factor performance will be assessed separately using the ratings below.

- FM (Fails to Meet)
- PM (Partially Meets)
- SM (Successfully Meets)
- ME (Meets and Exceeds)
- SE (Significantly Exceeds)

The two ratings (for IPO and Success Factor performance) will be combined to calculate your AIP award. See that discussion below.

The expected distribution across the Company for the Individual Performance Score ratings is as follows:

- FM (<5%)
- PM (20-30%)
- SM (40-60%)
- ME (20-30%)
- SE (<10%)

Rating integrity within each functional area and Business Unit is the responsibility of each manager. Rating integrity across functions and Business Units will be the responsibility of the Management Committee.

The Individual Performance Score will be a composite of the IPO and the Success Factor ratings. Once the ratings for each have been determined, the Individual Performance Score will be derived from a matrix similar to the following. This one is provided for illustration only.

Example - Individual Performance Score Matrix

		IPO						
			FM	PM	SM	ME	SE	
S F a c c c e o r s r	FM	0%	0%	0%	0%	0%		
	PM	0%	50%	80%	115%	150%		
	SM	0%	65%	100%	135%	165%		
	ME	0%	85%	120%	150%	185%		
	SE	0%	105%	135%	170%	200%		

The table will weight the IPO score at approximately 65% of the total and the Success Factor score at approximately 35% of the total. This score is used with the Corporate and Business Unit Performance Scores based upon your participation tier to determine your AIP award.

Participants who receive a "Fails to Meet" (FM) rating on either the Success Factor rating or the IPO rating will not be eligible for an incentive award regardless of Corporate and Business Unit performance.

Q. How will the Corporate Performance Score, Business Unit Performance Score and Individual Performance Score be weighted?

A. Because participants have different levels of impact on each of the measures, the AIP will weight each factor differently for different categories of participants. This provides a better "line of sight" to performance at each participant's level in the organization.

Award Weighting Factors

The Performance Measures for Corporate, Business Unit and Individual Performance are weighted so that some Performance Measures will affect your Total AIP Performance Score more than others. Weighting factors are expressed as percentages. The total weight of all of your Performance Measures equals 100%.

The following table shows tiers of participation and the corresponding weight of Corporate, Business Unit and Individual Performance.

Tier	Corporate Score	Business Unit Score	Individual Score
Policy Committee Officers*	75%	0%	25%
Other Officers	25%	50%	25%
Grades K- O	25%	25%	50%
Grade J and below (Non- Union)	0%	50%	50%
Union **	0%	50%	50%

^{*}The Policy Committee Officers participate in the Executive Performance Incentive Program as approved by AGL Resources' shareholders. It mirrors the corporate EPS portion of the AIP but is subject to the requirements of Section 162(m) of the Internal Revenue Code and the review of the Compensation and Management Development Committee of the Board of Directors.

**Subject to the express terms of the relevant CBA.

Q. What is my Target Award?

A. Your Target Award is expressed as a percentage of your Annual Rate and represents the potential amount that you have the opportunity to earn as incentive compensation if the Total AIP Performance Score is 100%. The actual award which you receive, if any, may be greater or less than the Target Award depending on the level of Corporate, Business Unit, and Individual Performance.

The following table shows salary grades and corresponding Target Awards.

AGL Resources' Salary Grade	Target Award (% of Annual Rate)
Eligible Bargaining Unit Employees	5%
A-F	5%
G & H	6%
	8%
J	10%
К	12%
L	14%_
M	17%
N	21%_
0	25%
Officers	Individually determined

Note that your Target Award % may change through the course of the year if you are assigned to another position. If that occurs, your award calculation will prorate the target % for the time in each position.

8: How is my AIB award calculated?

A. The calculation of your AIP award begins with your Annual Rate of pay multiplied by your Target Award %. A formula is then applied that includes the Corporate, Business Unit, and Individual Performance Scores weighted according to your participation tier. The examples below illustrate this calculation.

Annual Rate

For exempt employees, your Annual Rate is your earned base pay during the Performance Measurement Period as an eligible participant.

For nonexempt employees, your Annual Rate is your earned base pay plus total overtime, shift differential pay and other designated pay premiums earned as an eligible participant during the Performance Measurement Period.

Therefore, Annual Rate will exclude periods when you were on unpaid leave or otherwise inactive or ineligible.

AIP Award Calculation Examples

At the end of the Performance Measurement Period (December 31, 2006), the AIP award is calculated based on your Annual Rate, Target Award, and Total AIP Performance Score.

In the two examples below, an AIP award is calculated using different sets of assumptions for "Mary" and "John."

Example "A" - MARY

- Mary is an active employee of AGL Resources for all of 2006 in Chattanooga Gas Company.
- Mary's annual salary on January 1, 2006 was \$75,000, but she received a salary increase on February 1 to \$80,000 which continued through the rest of the year
- Mary was in the same position throughout 2006
 - o Position grade is K
 - o Target Award is 12%
- · Mary did not have any leave or inactive status periods during the year
- Performance Scores
 - o Company's EPS = \$2.63
 - o Business Unit Performance Score = 95%
 - o Mary's Success Factor rating is SM and her IPO rating is ME

Step 1 - Determine performance scores for each element - Corporate, Business Unit and Individual

Corporate Performance Score

Corporate result: EPS = \$2.63

From the table, EPS at \$2.63 = a Corporate Performance Score of 100%

Earnings Per Share Goal	Corporate Performance Score
\$2.58 *	50%
\$2.60	75%
\$2.63	100%
\$2.65	150%
\$2.68	200%

^{*}The Company must meet or surpass \$2.58 EPS. For EPS results falling between the levels noted above, the Corporate Performance Score will be interpolated. However, the Corporate Performance Score cannot exceed 200%.

The Corporate Performance Score of 100% will be entered into the Total AIP Performance Score calculation in Step 3.

Business Unit Performance Score

Chattanooga Gas Company's performance is combined with other Georgia, Tennessee and Florida distribution operations results and compared to the Business Unit performance goals. A combined Business Unit Performance Score is then determined for all participants in the Business Unit. In this example, we are assuming a Business Unit Performance Score of 95% which will be entered into the Total AIP Performance Score calculation in Step 3.

Individual Performance Score

Using the matrix provided, Mary's Success Factor rating (SM) and IPO rating (ME) combine to produce an Individual Performance Score of 135%.

	IPO							
		FM	PM	SM	ME	SE		
Succe	FM	0%	0%	0%	0%	0%		
	PM	0%	50%	80%	115%	150%		
	SM	0%	65%	100%	195%	165%		
s o s r	ME	0%	85%	120%	150%	185%		
•	SE	0%	105%	135%	170%	200%		

The Individual Performance Score of 135% will be entered in the Total AIP Performance Score calculation in Step 3.

Step 2 - Calculation of Annual Rate

Annual salary of \$75,000 for one month = \$6,250 Annual salary of \$80,000 for eleven months = \$73,333 Annual Rate = \$79,583

The Annual Rate of \$79,583 will be entered in the award calculation formula in Step 4.

Step 3 - Calculation of Total AIP Performance Score

Measure	Weighting	Performance Score	Weighted Performance
Corporate	25%	100%	25% x 100% = 25%
Business Unit	25%	95%	25% x 95% = 23.75%
Individual	50%	135%	50 x 135% = 67.5%
Total AIP Performance Score	•		25% + 23.75% + 67.5% = 116.25%

Step 4 - Award Calculation

Multiply Mary's Annual Rate (\$79,583) times her target award percentage (12%) and her Total AIP Performance Score (116.25%).

AIP Award = \$79,583 x 12% x 116.25% = \$11,101.83

Example "B" - JOHN

- John is an active employee of AGL Resources Services Company for all of 2006, except for one month (April) when he was on unpaid leave
- For the first 40 weeks of the performance measurement period, John was in a grade F position with a target award of 5%
- He works in the Controller's organization in Atlanta; The AGSC Business Unit Performance was 105%
- His annual salary on January 1 was \$38,000 but he received an increase on October 1 when he was
 promoted to a grade G having a 6% target award. His annual salary for the rest of the year was
 \$41,000. John was at the 6% target award level for the remaining 12 weeks of the performance period.
- He earned \$2,750 in overtime during 2006 while in grade F
- Company's EPS = \$2.60
- John's Success Factor rating is ME and his IPO rating is SE

Step 1 - Determine performance scores for each element - Corporate and Individual

Corporate Performance Score

Corporate result: EPS = \$2.60

From the table, EPS at \$2.60 = Corporate Performance Score of 75%

For John, since his total performance is based 50% on Business Unit results and 50% on his individual performance, the Corporate result of \$2.60 simply means the threshold was exceeded and allows AIP payments to be made

Earnings Per Share Goal	Corporate Performance Score
\$2.58 *	50%
\$2.60	75%
\$2.63	100%
\$2.65	150%
\$2.68	200%

^{*}The Company must meet or surpass \$2.58 EPS. For EPS results falling between the levels noted above, the Corporate Performance Score will be interpolated. However, the Corporate Performance Score cannot exceed 200%.

Business Unit Performance Score

The AGL Resources Services Company Business Unit performed at 105% of their target. So the Business Unit Performance Score of 105% will be entered in the Total AIP Performance Score calculation in Step 3.

• Individual Performance Score

John's Success Factor rating (ME) and IPO rating (SE) combine to produce an Individual Performance Score of 185% in the matrix example.

				IP			
			FM	PM	SM	ME	SE
_		FM	0%	0%	0%	0%	0%
S u	Fa	PM	0%	50%	80%	115%	150%
c c e	c t	SM	0%	65%	100%	135%	165%
s	o r	ME	0%	85%	120%	150%	18357%
,		SE	0%	105%	135%	170%	200%

2006 Annual Incentive Plan

The Individual Performance Score of 185% will be entered in the Total AIP Performance Score calculation in Step 3.

Step 2 - Calculation of Annual Rate

Annual salary of \$38,000 for nine months (excluding one month on inactive status) = \$25,333 Overtime earnings during 2006 = \$2,750 while in the grade F position

Annual Rate for the first 9 months = \$25,333 + \$2,750 = \$28,083

Annual salary of \$41,000 for three months = \$10,250

The annual rate of \$38,333 (\$28,083 + \$10,250) will be entered into the award calculation in Step 4 with their respective Target Award %

Step 3 - Calculation of Total AIP Performance Score

The Corporate EPS result of \$2.60 means AIP payments can be made.

Measure	Weighting	Performance Score	Weighted Performance
Business Unit	50%	105%	50% x 105% = 52.5%
Individual	50%	185%	50% x 185% = 92.5%
Total AIP Performance Score			52.5% + 92.5% = 145%

Step 4 - Award Calculation

Multiply John's Annual Rate (\$38,333) times his Target Award percentages (5% and 6%) times the proration factor and his Total AIP Performance Score (145%).

AIP Award = $($38,333 \times 5\% \times 40/52) + (38,333 \times 6\% \times 12/52) \times 145\% = ($1,474.35 + $530.76) \times 145\% = $2,907.41$

Q. What is the timing for payment of AIP awards?

A. The current AIP Performance Measurement Period is January 1, 2006 through December 31, 2006.

Payment of awards, if any, will occur as soon as administratively practicable during the first quarter of fiscal 2007, but not later than March 15, 2007.

Q. What about new hires during the Performance Measurement Period?

A. You must be employed by September 30, 2006 to be eligible to participate in the AIP. If you were hired between January 1, 2006 and September 30, 2006, your award, if any, will be prorated based on the number of months in the Performance Measurement Period that you were an eligible employee. If you have entered into an agreement with the Company during the Performance Measurement Period that specifies another arrangement, the terms of your agreement with the Company govern the terms of your AIP award.

Q. What about a change in status during the Performance Measurement Period?

A. That will depend on the type of change as follows:

Eligible participants who change incentive targets during the Performance Measurement Period will receive a prorated incentive based on the week in which the target change becomes effective. For instance, if a participant is at a grade level with a target award of 5% for 14 weeks and then is promoted to a grade with a target of 6% for the remainder of the year, the 5% target will be prorated by 14/52 and the 6% target will be prorated by 38/52 in the award calculation.



2006 Annual Incentive Plan

Changes in Business Unit during the Performance Measurement Period will not be tracked. Your Business Unit at the end of the Performance Period will determine the Business Unit Performance Score used in calculating your award.

Employees are not eligible to participate in multiple annual cash incentive plans simultaneously. Participants in plans other than AIP who transfer into the AIP during the Performance Measurement Period will receive a prorated payment, if any is eamed under the AIP, based on the effective date of the transfer. Payments, if any, under the other incentive plan will be pursuant to the terms of the plan. Managers of transferring employees should complete performance review forms at the time of transfer and provide a copy to the employee's new manager.

Retirement – If you retire from active status on or before the date that any awards are paid (i.e., the date that award payments are distributed), under the terms of the AGL Resources Retirement Plan or any other retirement plan approved by the Board of Directors for that purpose, you will be eligible for payment of an award. Your award, if any, will be prorated based on the number of months in the Performance Measurement Period that you were an eligible employee and will be based on your salary grade level and Business Unit as of your retirement date or as of December 31, 2006, whichever is earlier.

<u>Death or Long-Term Disability</u> – If you die or are placed on Long-Term Disability (LTD) under AGL Resources' LTD Plan during the Performance Period, are an eligible participant, and AIP awards are paid at the end of the Performance Period, you, or in the case of your death, your estate, will receive a prorated payment representing the time of your active participation during the Performance Period.

Resignation, Severance or Discharge — If you resign or are discharged on or before the date when any awards are paid (i.e., the date that payment amounts are actually distributed), you will not be eligible for payment of an award, even if your severance, if any, extends past that date, unless otherwise provided by law.

Leaves of Absence

- Eligible participants who experience an approved leave of absence during the plan year will be eligible
 to receive their incentive based on their annual rate, award target level and performance achieved
 during the Performance Measurement Period.
- Eligible participants on military leave will receive payment of the award according to AGL Resources' military leave policy.

Q. What is the effect of the AIP award on other benefits?

A. AIP awards count as compensation for the Retirement Savings Plus (RSP) Plan and the Nonqualified Savings Plan (NSP). Awards also count as compensation for participants subject to the Career Average Earnings formula under the AGL Resources' Retirement Plan, but do not count as compensation for participants subject to the Final Average Earnings formula under the AGL Retirement Plan.

Q. Who administers the AIP?

A. The AIP will be administered by the Policy Committee of the Company. Except as otherwise set forth in this document, no person, other than members of the Policy Committee, will have any discretion concerning decisions affecting the AIP.

The Policy Committee will have the authority to interpret the AIP and establish such rules and regulations as it deems necessary or advisable for the proper administration of the AIP, and will make determinations and will take such other action in connection with or in relation to accomplishing the objectives and goals of the AIP, including adjusting individual awards as it deems necessary or advisable. Each determination or other action made or taken by the Policy Committee pursuant to the AIP, including interpretation of the AIP and the specific conditions and provisions of the awards granted hereunder, will be final and conclusive for all purposes and upon all persons.



2006 Annual Incentive Plan

The Compensation and Management Development Committee of the Company's Board of Directors will have the sole authority to determine and certify the corporate performance, following the end of the Performance Measurement Period.

Q. Are awards under the AIP intended to qualify under Section 162(m)?

A. In order to qualify for the exemption under Section 162(m) of the Internal Revenue Code of 1986, as amended, awards must be issued under a plan that has been approved by shareholders. As a result, awards granted to "Covered Persons," as that term is defined under Section 162(m), and intended to qualify as "qualified performance-based compensation" will be granted under the Company's Executive Performance Incentive Plan, or a successor to such plan. However, to the extent permitted under Section 162(m), the awards granted to such Covered Persons will be calculated in the same manner as Awards issued pursuant to this AIP.

Q. Does participation in the AIP create employment rights for participants?

A. The AIP does not constitute a contract of employment and participation in the AIP will not give a Participant the right to continue in the employ of the Company on a full-time, or any other basis. Participation in the AIP will not give any participant any right or claim to any benefit under the AIP, unless such right or claim has specifically been granted by the Policy Committee under the terms of the AIP.

Q. By what law is the AIP governed?

A. The AIP and all rules and determinations made and taken pursuant hereto will be governed by the laws of the State of Georgia, to the extent not preempted by federal law, and construed accordingly.

Q. What is the source of the funds required to pay benefits under the AIP?

A. The funds used to pay AIP benefits will be paid from the Company's general assets.

Q. Will taxes be withheld from my award?

A. Your award is considered "supplemental" income and is subject to federal and state income tax withholding, as well as the employee portion of social security (FICA) and Medicare taxes.

Q. Can the Company amend or terminate the AIP?

A. The Company reserves the right to amend or terminate the AIP at any time at its discretion.

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FG-56

Provide the amount of direct and allocated charges to the LDC from its Parent, Multi-State Utility, or Affiliated Utility Service Company, by account, for each month of the test period and the projected amount for each month of the attrition period.

Response

The actual allocated expenses charged to Chattanooga Gas Company (LDC) from AGL Services Company (Affiliated Utility Service Company) by FERC account and by month are provided in CGC Schedule 56-1 (test period - actual).

The attrition period allocated expenses estimated to be charged to Chattanooga Gas Company (LDC) from AGL Services Company (Affiliated Utility Service Company) by FERC account are provided in CGC Schedule 56-2.

This response was prepared by or under the supervision of Michael J. Morley, Director, Regulatory Accounting and Reporting, AGL Services Company.

tano Company ocke 20175 RA F. ...n No. 56 CGC Schedule 56-1

							CGC Screen	1-0C 91						•		;
	FERC Acct#	1/1	1/1/2005	2/1/2005	3/1/2005	4/1/2005	5/1/2005	6/1/2005	711/2005	8/1/2005	9/1/2005	10/1/2005	11/1/2005	12/1/2005	Amount to Allocate	ate
Other storage - opn supv & eng 6 Other stg - opn labor and exps 6	840 841	ν. Α.	509.37 \$ 4,116.41 \$	471.85 \$ 3,813.21 \$	727.27 \$ 5,877.38 \$	864.29 \$ 6,984.70 \$	459.13 \$ 3,710.47 \$	471.94 \$ 3,813.98 \$	486.56 \$	443.44 \$ 3,583.64 \$	420.44 \$ 3,397.76 \$	424,39 \$ 3,429.65 \$	410.80 \$ 3,319.89 \$	711.10 \$ 5,746.68 \$	5, 6	6,400.57 51,725.85
Mic structures & improvements Mic gas holders	843.2 843.3	φ ν	6.37 \$ 5.02 \$	5.90 \$	9.09 \$ 71.7	10.81 \$ 8.52 \$	5.74 \$ 4.53 \$	5.90 \$ 4.65 \$	6.08 \$	5.55 \$	5.26 \$ 4.15 \$	5.31 \$ 4.18 \$	5.14 \$ 4.05 \$	7.01		80.04 63.10
n equipment	843.4	\$	165.63 \$	153.43 \$	236,49 \$	281.04 \$	149.30 \$	153.48 \$	158.21 \$	144.19 \$	136.71 \$	138.00 \$	133.58 \$	231.23	2	2,081.28
Mtc liquefaction equipment	843.5	•	93.68 \$	86.78 \$	133.75 \$	158,95 \$	84.44 \$	86.79 \$	89,48 \$	81.55 \$	77.32 \$	78.05 \$	75.55 \$	130.77	÷	1,177.10
Mic vaporizing equipment	843.6	8	346.60 \$	321.07 \$	494.88	588.11 \$	312.42 \$	321.14 \$	331.08 \$	301.74 \$	286.09 \$	288.78 \$	279.54 \$	483.87	4	4,355.32
Mic compressor equipment Mic ather equipment	843.7 843.9	⇔ ↔	210.50 \$ 881.82 \$	194.99 \$ 798.35 \$	300.55 \$ 1,230.51 \$	357.17 \$ 1,462.34 \$	189.74 \$ 776.83 \$	195.03 \$ 798.51 \$	201.07 \$ 823.24 \$	183.25 \$ 750.28 \$	173.75 \$ 711.36 \$	175.38 \$ 718.04 \$	169.77 \$ 695.06 \$	283.86 1,203.14	10,0	2,645.07 0,829.48
Operation supvn & engineering Distribution load dispatching Mains and services exps	870 871 874	8 8 8	59.24 \$	54.88 \$. \$ 1,116.99 \$	84.58 \$. \$ 1,721.63 \$	100.52 \$ - \$ 2,045.99 \$	53.40 \$. \$ 1,086.89 \$	54.89 \$. \$ 1,117.21 \$	56.59 \$ - \$ 1,151.81 \$	51.57 \$ 1,049.74 \$	48.90 \$. \$ 995.29 \$	49.36 \$ - \$ 1,004.63 \$	47.78 \$ - \$ 972.48 \$	82.70 \$	45,	744.40 5,151.80
scks	877	5 1,4	1,427.14 \$	1,322.02 \$	2,037.65 \$	2,421.55 \$	1,286.40 \$	1,322.28 \$	1,363,23 \$	1,242.43 \$	1,177.98 \$	1,189.04 \$	1,150.99 \$	1,992.34	17,	17,933.06
	878 879 880 887		8.84 \$ 3.11 \$ 915.44 \$	8.19 \$ 2.88 \$ 848.02 \$ 256.81 \$	12.62 \$ 4.44 \$ 1,307.06 \$ 395.83 \$	15.00 \$ 5.27 \$ 1,553.32 \$ 470.41 \$	7.97 \$ 2.80 \$ 825.17 \$ 249.89 \$	8.19 \$ 2.88 \$ 848.19 \$ 256.87 \$	8.45 \$ 2.97 \$ 874.46 \$ 264.82 \$	7.70 \$ 2.71 \$ 796.96 \$ 241.35 \$	7.30 \$ 2.58 \$ 755.62 \$ 228.83 \$	7.37 \$ 2.59 \$ 762.72 \$ 230.98 \$	7.13 \$ 2.51 \$ 738.31 \$ 223.59 \$	12.34 4.34 1,278.00 387.03	<u> </u>	111.10 39.05 11,503.27 3,483.65
equipment	888	•	41.50 \$	38.44 \$	59.25 \$	70.41 \$	37.40 \$	38,45 \$	39,64	36.13 \$	34.25 \$	34.57 \$	33.47 \$	57.93		521.44
Mtc measuring & reg stn equip Maintenance of services	889 892	ν·	157.37 \$ 93.03 \$	145.78 \$ 86.18 \$	224.69 \$ 132.82 \$	287.02 \$ 157.85 \$	141.85 \$ 83.85 \$	145.81 \$ 86.19 \$	150.32 \$ 88.86 \$	137.00 \$ 80.99 \$	129.90 \$ 76.79 \$	131.11 \$ 77.51 \$	126.92 \$ 75.03 \$	219.69 \$ 129.87	÷÷	1,977.46 1,168.96
Mtc meters & house regulators Maintenance other equipment Meter reading	893 894 902	ω •• ω −	304.54 \$ 169.39 \$ 1.95 \$	282.11 \$ 156.92 \$ 1.80 \$	434.82 \$ 241.88 \$ 2.78 \$	516.75 \$ 287.42 \$ 3.30 \$	274.51 \$ 152.69 \$ 1.75 \$	282.17 \$ 156.95 \$ 1.80 \$	290.91 \$ 161.81 \$ 1.86 \$	265.13 \$ 147.47 \$ 1.69 \$	251.38 \$ 139.82 \$ 1.61 \$	253.74 \$ 141.13 \$ 1.62 \$	245.61 \$ 136.62 \$ 1.57 \$	425.15 \$ 236.48 \$ 2.72 \$	6, 2,	3,826.82 2,128.55 24.46
ords & collections	903	\$	212.69 \$	197.03 \$	303.68 \$	360.90	191.72 \$	\$ 70.761	203.17 \$	185.16 \$	175.56 \$	177.21 \$	171.54 \$	296.93	2,	2,672.64
	905 908	9 % 8 %	249.78 \$ 9,366.56 \$	231.38 \$ 8,676.66 \$	356.63 \$ 13,373.50 \$	423.82 \$ 15,893.12 \$	225.15 \$ 8,442.87 \$	231.43 \$ 8,678.41 \$	238.59 \$ 8,947.17 \$	217.45 \$ 8,154.29 \$	206.17 \$ 7,731.32 \$	208.11 \$ 7,803.90 \$	201.45 \$ 7,554.15 \$	348.70 \$	3, 117,	3,138.68 117,698.07
elling exps	912	s s	0.14 \$	0,13 \$	0.21 \$	0.24 \$	0.13 \$	0.13 \$ 10,331.70 \$	0.14 \$	0.13 \$ 9,707.74 \$	0.12 \$ 9,204.20 \$	0.12 \$ 9,290.60 \$	0.12 \$ 8,993.27 \$	0.20	140	1.81
xpenses s sales expenses	916	.	. s	6 6	50.95 \$	60.55 \$ 255.136.30 \$	32,17 \$ 135,535.53 \$	33.06 \$ 139,316.63 \$	34.09 \$ 143,631.17 \$, i	~ <u>~</u>		n 40	209,914,13	1,889,	,889,436.84
	921	4.14		· • • •	59,211.41 \$	70,367.06 \$	37,380.95 \$	38,423.79 \$ (17,881,93) \$	39,613.74 \$ (18,435.72) \$	36,103.24 \$ (16,801.98) \$ (34,230.57 \$ (15,930.46) \$ (% %	% %	57,894.71 \$ (26,943.44) \$	521, (242,	521,110.18 (242,517.90)
Administrative exps transferre Outside services employed	922 923	\$ 107.2		• • •	153,078.78	181,919.40 \$	96,640.66 \$	99,336.70 \$	102,413.09 \$	w w	w w	s s	86,468.02 \$ 1 11,098.75 \$	49,674.71 \$ 19,211.76 \$	1,347,	1,347,221.92 172,925.03
	924 925	s 13,7	м w	n vs	8,589.24 \$	10,207.49	5,422.50 \$	5,573.78 \$	5,746.39 \$	5,237.16 \$	· ·	ب	•	8,398.24	75	75,592.57
benefits	926	\$ 92,0	92,032.23 \$ (85,253.57 \$	131,402.94 \$ 0.24 \$	156,159.75 \$	82,956.42 \$ 0.15 \$	85,270.70 \$ 0.16 \$	0.16	0.15 \$	9 69	• • •	•	0.24		2.14
nse	928		1.70	1.57 \$	2.43 \$	2.88 \$	1.53 \$	1.57 \$	1,62 \$	1.48 \$	1.40 \$	1.42 \$ 10.75 \$	1.37 \$	18.01		21.35 162.09
General advertising expense Miscellaneous general expenses	930.1 930.2	\$ 18,6	• ••	17,236.29 \$	26,566.62 \$	31,571.88	16,771.86	17,239.78 \$	17,773.66 \$	18,198.59 \$	15,358.37 \$	•• ••	15,006.41 \$	25,975.85 \$	233,	233,808.63 262.063.39
	931 932	\$ 20,8 32,3	20,855.33 \$ 32,303.51 \$ 3	19,319.23 \$ 29,924.18 \$	29,777.09 \$ 46,122.71 \$	35,387.20 \$ 54,812.40 \$	18,798.67 \$ 29,117.88 \$	29,930.20	30,857.11	28,122,61	•	26,914.20 \$	28,052.86 \$	45,097.06	405,	405,918,61
Constitution		\$ 26,9	26,974.76 \$	24,987.93 \$	38,514.36 \$	45,770.61	24,314.63 \$	24,992.95 \$	25,766.96 \$	23,483.54 \$	22,265.45 \$	22,474.48 \$	21,755.21 \$	37,657.90	338	338,958.75
Taxes Other than Income Tax		\$ 13,4	•	12,492.44 \$	19,254.83 \$	22,882.52 \$	12,155.63 \$	12,494,95 \$	12,881.91 \$	11,740.34 \$	11,131.37 \$	11,235.86 \$	10,876.28 \$	18,826.66	169,	169,458.71
		\$ 535,7		\$ 496,330.22 \$	\$ 765,003.11 \$	909,132.59 \$	482,958.62 \$	496,429.93 \$	511,804.01 \$	466,448.83 \$ 4	442,254.13 \$ 4	446,405.84 \$ 4:	432,119.39 \$ 7	747,991.49	6,732,	6,732,670.43

Cost of Capital allocated directly assigned to FERC account# 427 427

\$ 103,302.57

\$ 6,835,973.00

Total AGSC Charges - Test Period

Description	FERC Acct	#
	403 Total	263,240.89
	408.1 Total	131,604.40
	840 Total	4,970.79
	841 Total	40,171.14
	843.2 Total	62.16
	843.3 Total	49.01
	843.4 Total	1,616.35
	843.5 Total	914.16
	843.6 Total	3,382.41
	843.7 Total	2,054.21
	843.9 Total	8,410.35
	870 Total	578.11
	874 Total	11,767.13
	877 Total	13,927.11
	878 Total	86.28
	879 Total	30.33
	880 Total	8,933.63
	887 Total	2,705.46
	888 Total	404.96
	889 Total	1,535.73
	892 Total	907.83
	893 Total	2,971.97
Marie Control of the	894 Total	1,653.07
	902 Total	18.99
	903 Total	2,075.62
	905 Total 908 Total	2,437.54
		91,406.24
	912 Total 913 Total	1.40 108,819.78
	916 Total	348.25
	920 Total	1,467,367.46
	921 Total	404,702.67
	922 Total	(188,343.36)
	923 Total	1,046,274.51
	924 Total	134,296.39
	925 Total	58,706.43
	926 Total	898,122.83
	928 Total	16.58
	930.1 Total	125.88
	930.2 Total	181,579.59
	931 Total	203,522.70
	932 Total	315,243.01
	Grand Total	5,228,700.00

Note - The attrition period forecast was not calculated on a monthly basis.

Chattanooga Gas Company TRA FG Item No 57 7/13/2006 1 of 1

FG-57

Provide the amount of each lobbying expense, charitable contribution, social club membership and athletic event paid by its Parent, Multi-State Utility, or Affiliated Utility Service Company and allocated to the LDC for each month of the test period and included in costs to be recovered in regulated rates. Provide the same information and breakdown for any amounts paid directly by the LDC and included in costs to be recovered in regulated rates. Identify the accounts charged for each amount.

Response

The Company does not include costs associated with lobbying expense, charitable contributions, social club memberships and athletic events in its costs to be recovered in regulated rates.

This response was prepared by or under the supervision of Michael J. Morley, Director, Regulatory Accounting & Reporting, AGL Services Company.

Chattanooga Gas Company Docket No. 06-000175 TRA FG- Item No.59 Date 6/01/2006 Page 1 of 1

FG-59

Please identify any changes since the last Tennessee rate case in the Long-Term Incentive Plan ("LTIP") criteria for compensation. Further, identify the amount and account charged for the LTIP in the test period and the attrition year.

Response

Please refer to the response to TRA FG Item No. 51, which includes a copy of AGL Resources Inc.'s Long-Term Incentive Plan (1999) ("LTIP"), explains the accounting for the LTIP and provides the amounts for the test period and attrition.

This response was prepared by or under the supervision of Michael J. Morley, Director, Regulatory Accounting and Reporting, AGL Services Company.

FG-61

Provide the following Federal Income Tax data for the Tennessee Operations for the test year and the attrition year:

- a. The calculation of the LDC's federal income tax expense. The calculated amount should reconcile to the amount reported on the Tennessee PSC 3.03 surveillance reports
- b. A detailed calculation of the permanent book and tax differences
- c. A detailed calculation of the temporary book and tax differences
- d. Operating federal income taxes deferred accelerated depreciation
- e. Federal income taxes operating
- f. Income credits resulting from prior deferrals of federal income taxes

Response

Test Period

Please refer to attached schedule CGC 61-1 in response to the following:

- a. The calculation of the LDC's federal income tax expense.
- b. A detailed calculation of the permanent book and tax differences
- c. A detailed calculation of the temporary book and tax differences
- d. Operating federal income taxes deferred accelerated depreciation
- e. Federal income taxes operating
- f. There are no income tax credits resulting from prior deferrals of federal income taxes.

Attrition Period

- a. Refer to Exhibit MJM-1, Exhibit 4, which was provided in the direct testimony and exhibits of Michael J. Morley
- b. Refer to schedule CGC 69-1(i), which was previously filed in response to TRA FG Item No. 69
- c. Refer to schedule CGC 69-1(i), which was previously filed in response to TRA FG Item No. 69
- d. Refer to schedule CGC 69-1(i), which was previously filed in response to TRA FG Item No. 69

Chattanooga Gas Company TRA FG Item No 61 7/13/2006 1 of 1

- e. Refer to schedule CGC 69-1(i), which was previously filed in response to TRA FG Item No. 69
- f. There are no income tax credits resulting from prior deferrals of federal income taxes.

This response was prepared by or under the supervision of Michael J. Morley, Director, Regulatory Accounting & Reporting, AGL Services Company.

Description	GL8 2005 CHAT
CURRENT TAX PROVISION (CONSOLIDATED)	
Federal Current Tax Provision	
Net Income per Books	6,422,952
Permanent Book/Tax Diff. (Include Book FIT):	
Deferred Taxes Dividends Received Deduction	148,671
Club Dues	5,596
Excessive Compensation	-
Fines and Penalties	-
Lobbying Expense	90
Minority Interest Income Taxes	3,010,643
Non-deductible Apartment Lease	-
Club Seats	-
Meals & Entertainment	7,125
Flexible Dividend Deduction	•
Fuel Tax credit Adjustment	-
Stock Options Total Permanent Book/Tax Diff. (Include Book FIT)	3,172,125
Temporary Differences - Current:	
Accrued Relocation	-
BPU Focus Audit Adjustment Deferred Directors Compensation	-
Deferred Appliances	-
FIN 44 Accrual	-
Amortization of Issuance Costs	-
LNG Maintenance Reserve	-
Miscellaneous Accrued Liabilities Miscellaneous Accrued Taxes	732,825
Moving costs	-
Purchase Gas Adjustment	(5,093,011)
Accrued Post Retirement Benefit	(375,879)
Sick Pay	-
Stranded Cost Transportation Initiation Cost	-
Unicap	3,047,118
Unrecovered Post Retirement Benefit	-
VNG Regulatory Amortization	-
Mark to Market	-
Book/Tax Difference Prturship Income Accrued Early Retirement	-
Accured Severance	-
Antitrust Settlement	-
Bad Debt From Bankruptcy	(017.400
Bad Debt Reserve Accrued Bonus	(215,489
Charitable Contributions - Book/Tax Differences	-
Consumer Education	-
Corrosion Cost Control	-
Debt Retiremeth Costs	-
Deferred CBT Derivative	-
Energy Conservation Const	-

Description	GL8 2005 CHAT
Energy Taxes	-
Environmental Response Cost	-
FIFO Inventory Adjustment	-
Goodwill Amortization	-
Insurance Reserve	-
Louiville Payment	-
Loss Reserve	-
Marta Bus Incentive	-
Meter Lease NSP	-
Over/Under - Collections - ERC	-
Over/Under - Collections - Franchise	_
Over/Under - Collections - Other	(80,309)
Other Deferred Debits	(00,507)
Orgazinational Costs	_
Other Work in Process	_
Pension	(344,822)
Prepaid Insurance	(011,022)
One Peachtree Center Lease	_
Qualified Pension Plan	-
Rate Case	100,611
Restricted Stock	-
Service on Customer Premises	-
Strike Cost	_
Unrecovered Gas Cost	_
Variable Compensation	-
Partnership Interest	-
VNG Partnership Interest	-
Total Temporary Differences - Current	(2,228,956)
Temporary Differences - Noncurrent:	
Asset Impairment	-
Tax/Book Gain/Loss Difference	(76,265)
Plant Acquisition Adjustment	•
Interest & Taxes Charged to Construction	(408,633)
Engineering Cost	-
Leasehold Improvments	-
Section 179A - NGV Property	-
Removal Cost	(110,675)
Repairs - Non-reimbursable Relocations	-
Software Amortization	-
Software Labor	-
Storm Damage	-
Y2k Expenses	-
CIAC & Customer Advences	102,733
Pre 82 - Depreciaton-Services on Customer Premises	-
Book/Tax Depreciation Differences	(2,046,651)
Total Temporary Differences - Noncurrent	(2,339,491)
Equity Adjustments Effecting Income	-
Taxable Income Before Tax Attributes	4,826,630
SIT Expense per Books (Federal Addback)	504,887
Other Additions/(Subtractions) (Include SIT Temp. Differences)	-
Less: Calculated Current SIT Provision	(110,241)
Less: Deductions Utilized (NOL, etc.)	-
Less: Other Deductions	-
Taxable Income	5,441,758

Description	GL8 2005 CHAT	
Current Tax Rate	35.00%	
Current Income Tax Provision Before Credits & Other Tax Modifica Modifications to Current Income Tax Provision:		
Other Taxes and Adjustments	-	
Less: Credits Utilized	-	
Less: Taxes from Other Items Tax Provision	(EEO E 40)	
Prior Year Tax Return To Provision True-Up Adjustment Adjustment to Current Tax Provision	(572,543) (1,799,806)	
Current Tax Provision - Federal	(467,734)	(A)
•	(2017/027	()
State Income Tax		
Net Income per Books	6,422,952	
Permanent Differences	3,172,125	
Total Temporary Differences - Current	(2,228,956)	
Total Temporary Differences - Noncurrent SIT per books	(2,539,491)	
State Depreciation Difference	504,887 (450,762)	
Out of period state tax deduction	2,265	
State Taxable Income	4,883,020	
Tax Rate	6.50%	
State Tax	317,396	
Remediation Adjust	(334,250)	
True-up Adjustment	(93,387)	
Current Tax Provision - State	(110,241)	(A)
Federal Deferred Tax Provision Cumulative Taxable Temp Differences Before Ded.'s & Adj.'s		
BKEXP / ACC RELO	-	
BKEXP / G/L ON ASSET	692,496	
BKEXP / MISC ACC BKEXP / MOVING COSTS	2,961	
BKEXP / PGA	5,093,011	
BKEXP / PLANT ACQ AD	-	
BKEXP / TRANSP COST	-	
BKEXP / UNREC BEN	-	
BKEXP / VNG REG	-	
BKINC / MARK 2 MARK	-	
TAXEXP	-	
TAXEXP / AFUDC TAXEXP / BAD DEBT	561,460	
TAXEXY / BAD DEBT	-	
TAXEXP / CORROSION CO		
TAXEXP / ECC	-	
TAXEXP / ENG	-	
TAXEXP / ERC	-	
TAXEXP / GOOD AMORT	-	
TAXEXP / INS RESV	-	
TAXEXP / LEASE IMPROV TAXEXP / NGV	-	
TAXEXP / NSP	5,135	
TAXEXP / O/U ERC	-	
TAXEXP / O/U OTHER	-	
TAXEXP / ORG COSTS	-	

Description	GL8 2005 CHAT
TAXEXP / OWIP	
TAXEXP / PENSION	5,607,621
TAXEXP / PREPAID TAXEXP / RATE CASE	- 176,120
TAXEXP / REMOVE	221,611
TAXEXP / RESSTOCK	221,011
TAXEXP / SERV CUST PR	-
TAXEXP / SOFT AMORT	-
TAXEXP / SOFTWARE LBR	-
TAXEXP / UNREC GAS CO	-
TAXINC / PHIP	
XSTXDEPR	38,855,887
Total Cumulative Taxable Temporary Differences	51,216,302
Average Enacted Tax Rate - Taxable	1/ 0/0 0/0
Deferred Tax Liability	16,840,818
Cumulative Deductible Temp Differences Before Ded.'s & Adj.'s BKEXP / ACC RELO	_
BKEXP / ASSET IMPAIR	_
BKEXP / BPU FOCUS AU	-
BKEXP / DEF DIR COMP	-
BKEXP / DEFERRED APP	-
BKEXP / FIN 44	-
BKEXP / G/L ON ASSET	-
BKEXP / ISSUE COSTS	-
BKEXP / LNG MAINT	-
BKEXP / MISC ACC	1 (70 00)
BKEXP / MISC TAX	1,678,896
BKEXP / PGA BKEXP / PLANT ACQ AD	_
BKEXP / POST RETIRE	799,017
BKEXP / SICK PAY	-
BKEXP / STRAN COSTS	-
BKEXP / UNICAP	3,749,020
BKEXP / UNREC BEN	-
BKEXP / VNG REG	-
BKINC / MARK 2 MARK	-
BKINC / PSHIP	-
TAXEXP	-
TAXEXP / ACC RETIRE TAXEXP / ACC SEV	-
TAXEXP / ACCSEV TAXEXP / AFUDC	-
TAXEXI / ANTITRUST SE	-
TAXEXP / BAD DBT BANK	_
TAXEXP / BAD DEBT	150,338
TAXEXP / BONUS	-
TAXEXP / CHAR BASIS	7,685
TAXEXP / CONS EDUC	-
TAXEXP / DEBT RET COS	-
TAXEXP / DEFERRED CBT	-
TAXEXP / DERIVATIVES	-
TAXEXP / ENC	-
TAXEXP / ENG TAXEXP / ERC	-
TAXEXP / FIFO	_
TAXEXI / FITO TAXEXP / GOOD AMORT	_
TAXEXY / INS RESV	-
TAXEXP / L-VILLE PYMT	-
•	

Description	GL8 2005 CHAT	
TAXEXP / LEASE IMPROV		
TAXEXP / LOSS RES	_	
TAXEXP / MARTA	_	
TAXEXP / METER LEASE		
TAXEXP / NGV	_	
TAXEXP / NSP	_	
TAXEXP / O/U ERC	-	
TAXEXP / O/U FRAN	_	
TAXEXP / O/U OTHER	_	
TAXEXP / ODD	-	
TAXEXP / ORG COSTS	-	
TAXEXP / OWIP	-	
TAXEXP / PENSION	-	
TAXEXP / PREPAID	-	
TAXEXP / PTREE LEASE	-	
TAXEXP / QUAL PENSION	-	
TAXEXP / RATE CASE	-	
TAXEXP / REMOVE	-	
TAXEXP / REPAIRS	-	
TAXEXP / RESSTOCK	16,106	
TAXEXP / SOFT AMORT	-	
TAXEXP / SOFTWARE LBR	-	
TAXEXP / STORM DAMAGE	-	
TAXEXP / STRIKE COSTS	-	
TAXEXP / UNREC GAS CO	-	
TAXEXP / VAR COMP	4,067	
TAXEXP / Y2K	-	
TAXINC	-	
TAXINC / CIAC	2,989,656	
TAXINC / PHIP TAXINC / PSHIP	•	
TAXINC / VNG PSHIP	•	
XSBKDEPR	-	
XSTXDEPR	-	
Total Cumulative Deductible Temp Differences Before Ded.'s & Ac	9,394,785	
Deductions Recorded But Not Utilized	4,865	
Total Deductible Temp Differences Before Ded.'s & Adj.'s	9,399,650	
Average Enacted Tax Rate - Deductible	35.00000%	
Deferred Tax Asset Before Adustments	2,442,332	
Net Credits Recorded But Not Utilized	-	
Less: Net End of Period Valuation Allowance	-	
Deferred Tax Asset	2,442,332	
Net Deferred Tax (Asset)/Liability *	14,398,486	
Less: Beginning of Period Deferred Tax (Asset)/Liability *	13,835,251	
Deferred Tax Provision Expense/(Benefit) Before Adjustment	563,235	
Adjustment to Deferred Tax Provision	-	
AGL Current/Deferred Reconcilliation - Regulatory Liability	30,861	
Property Remediation - Regulatory Liability	3,179,923	
Amortization of regulatory liability	(238,099)	
Deferred Tax Provision - Federal	3,535,921 (A	.)
* Before Mark-to-Market Adjustments		
State Deferred Tax Provision		
Cumulative Taxable Temporary Differences	47,687,376	
Average Enacted Tax Rate - Taxable	6.50%	
Deferred Tax Liability	3,099,679	
•		

	GL8	
	2005	
Description	CHAT	
Cumulative Deductible Temp Differences Before Ded.'s & Adj.'s	9,394,785	
Deductions Recorded But Not Utilized	27,859,981	
Total Deductible Temp Differences Before Ded.'s & Adj.'s	37,254,766	
Average Enacted Tax Rate - Deductible	6.50%	
Deferred Tax Asset Before Adjustments	2,421,560	
Net Credits Recorded But Not Utilized	-	
Less: Net End of Period Valuation Allowance	-	
Deferred Tax Asset	2,421,560	
Net Deferred Tax (Asset)/Liability *	678,120	
Beginning of Period Deferred Tax (Asset)/Liability *	551,844	
Deferred Tax Provision Expense/(Benefit) Before Adjustment	126,276	
Adjustment to Deferred Tax Provision		
AGL Current/Deferred Reconcilliation - Regulatory Liability	5,792	
Property Remediation - Regulatory Liability	631,612	
Amortization of regulatory liability	1,446	
Deferred Tax Provision - State		
* Before Mark-to-Market Adjustments	765,125	(A)
Sum of (A)	3,723,072	
PUHCA and AGSC Allocated Tax	33,614	
Total Income Tax Expense	3,756,686	
Total filtonie Tax Expense	3,730,000	

Note - the above schedule represents the GAAP basis calculation of deferred income taxes and does not include the regulatory adjustment to exclude the temporary differences associated with pension expense. For regulatory purposes, pension expense is recovered based on actual cash payments, which is the same treatment for income tax purposes. Therefore, there are no impacts to deferred income taxes for regulatory purposes related to pension expense.

Chattanooga Gas Company TRA FG Item No 62 7/13/2006 1 of 1

FG-62

Provide a reconciliation of book to taxable income and a calculation of the federal income tax expense on a total Company, total LDC, and Tennessee only basis for the test period and for the attrition period.

Response

Refer to the company's response to TRA FG Item No 61 for the above requested information.

This response was prepared by or under the supervision of Michael J. Morley, Director, Regulatory Accounting & Reporting, AGL Services Company.

Chattanooga Gas Company TRA FG Item No 65 7/13/2006 1 of 1

FG-65

Break down budgeted plant additions between <u>normal and special projects</u>, using the criteria defined above, for the months between the end of the last fiscal year and the end of the attrition period. Provide sufficient detail of each individual project as to the date of inception and completion, and the proposed methods of financing. Identify those budgeted plant additions that are in process or have already been completed. Basic assumptions underlying budgets should also be submitted including the assumptions for sales volumes.

Response: The following schedules provide budgeted and forecasted capital expenditures as described in more detail below. The information does not provide plant additions. Plant additions, as discussed in TRA FG Item No. 64, represent plant placed in service following the completion of a capital project. This transaction moves the associated costs from the construction work in progress account to the utility plant in service account. The budgeted and forecasted data provided in this response were used to calculate the average rate base for the attrition period, which is detailed in TRA FG Item No. 69.

- Schedule CGC 65-1 provides budgeted capital expenditures broken down between special and normal for Jan. 2006 Dec. 2006.
- Schedule CGC 65-2 provides forecasted capital expenditures broken down between special and normal for Jan. 2007 Dec. 2007.

The Company does not budget or forecast at a project level, but rather at a project type/activity level. Due to the manner in which the Company budgets and forecasts capital expenditures, inception and completion dates of projects are not available. Capital projects are financed from funds consistent with CGC's proposed capital structure. The 2006 & 2007 budget and forecast is based on historic spending and anticipated additional capital projects such as:

- 1. Pipeline replacement program.
- 2. Improvements at the LNG plant.

This response was prepared by or under the supervision of Michael J. Morley, Director, Regulatory Accounting & Reporting, AGL Services Company.

Chattanooga Gas Company TRA FG item No. 65 CGC Schedule 65-1 2006 CGC Capital Budget

TOTAL YEAR 2006 66,186 66,181 145,626,101 141,220 46,874 64,778 63,417 138,881	2,010,074 TOTAL YEAR 2006 68,000	TOTAL YEAR 2006 800,000 100,000 150,000 75,000 92,000 95,000 85,000	1,453,000 TOTAL YEAR 2006 928,000 928,000	TOTAL YEAR 2006 100,000 100,000	TOTAL YEAR 2006 22,019 1,055,850 901,487 1,979,438	TOTAL YEAR 2006 65,000 85,000 6,623,530
DEC 2006 6,481 21,592 12,219 10,101 57,062 48,148 6,285 11,667	172,545 DEC 2006 T	DEC 2006 T	DEC 2008 T	DEC 2006 TO 8,334 8,334	DEC 2006 TO 1,332 158,314 54,542 214,188	DEC 2008 TO 12,744 12,744 546,841
NOV 2	158,726 NOV 2006	NOV 2886 50,000	\$0,000 NOV 2006 139,131 139,131	NOV 2006 8,334 8,334	NOV 2006 1,448 158,314 58,271 219,032	12,744 12,744 12,744 588,966
000	OCT 2006	OCT 2006 50,000 25,000	75,000 OCT 2006 139,131 139,131	OCT 2006 8,334 8,334	OCT 2006 2,043 158,314 83,631 243,987	OCT 2006 12,744 12,744 651,388
SEP	SEP 2006	SEP 2006 200,000 50,000	SEP 2006 1 139,131 1 139,131	SEP 2006	SEP 2006 1,958 158,314 80,151 240,422	SEP 2006 12,744 12,744 823,413
AUG:	AUG 2006	AUG 2006 200,000	200,000 AUG 2006 3 58,804 58,804	AUG 2006 8,333 8,333	AUG 2006 2,981 66,912 121,215	AUG 2006 5,386 5,386 6,386
Jar.	JUL 2006	JUL 2006	JUL 2008 5 30,589 5 30,589	JUL 2006 3 8,333 3 8,333	JUL 2006 4 2,604 2 34,807 9 106,599 4 144,009	JUL 2008 1 2,802 1 2,802 2 356,420
אַר אַר אַר אַר אַר אַר אַר אַר אַר אַר	JUN 2006 34,000 34,000	JUN 2006 00 25,000 00 25,000	00 25,000 JUN 2006 21 63,226 21 63,225	JUN 2006 33 8,333 83 8,333	JUN 2006 55 2,804 22 71,942 30 108,599 17 181,144	JUN 2006 39 5,791 18 5,791 5 488,802
MAY 200	MAY 2006	MAY 2006 200,000 50,000 17,000 30,000	10 358,000 MAY 2006 12 34,821	MAY 2006 3 8,333	MAY 2006 6 2,535 8 39,622 2 103,780 5 145,937	MAY 2008 1 3,189 1 3,189 7 709,015
A PR 2	APR 2006	APR 2006 10 25,000 25,000 25,000	0 75,000 APR 2008 6 28,832 6 28,832	APR 2006 3 B,333 3 8,333	APR 2006 4,536 3 32,808 185,702 3 223,045	APR 2006 9 2,641 9 2,641 2 509,037
MAR 2	MAR 2006 34,000 34,000	MAR 2006 75,000 26,000	MAR 2006 1 37,766	MAR 2006 3 8,333 3 8,333	MAR 2006 42,973 42,973	MAR 2006 3,459 3,459
9	FEB 2006	FEB 2006 75,000 25,000	7115,000 FEB 2006 71,724	FEB 2006 8,333	FEB 2006 81,614 81,614	FEB 2006 6,570 6,570 442,158
JAN 2006 5,953 21,591 12,218 10,102 57,002 57,002 57,003 11,657	JAN 2008	JAN 2006 200,000	200,000 JAN 2006 45,715 45,715	JAN 2006 8,333 8,333	JAN 2008 52,019 52,019	JAN 2006 4,187 4,187 4,187
Project Description New Bus Meter Blanket Commercial New Business Meters Commercial New Business Mains Cormercial New Business Mains CAG Residential New Business Services Residential New Business Services Residential New Business Services Residential New Business Regulators Residential New Business Regulators Residential New Business Regulators	Project Description Vehide Replacements CHAT	Special / Non Construction Related Activity ID Project Description 16 Rebisco Emergency Generator 16 Redesign Redoctualision Line 116 Redesign Redoctualision Line 116 Change Boti-off High Pressure Discharge 116 Add Additional Security 118 Safety Project 119 Glocale Panel on C-301 Boldoff 119 Glocale Panel on C-301 Boldoff 119 Glocale Emergency Power Switch 119 Replace Emergency Power Switch	Project Description DOT - Mains	Special / Non Construction Related Activity ID Project Description 04 Pressure Improvements	Project Description Renewal - Services Renewal - Regulators Renewal - Mains	Project Description REMOV - Mains Grand Total
Normal Activity ID 03 03 04 15 05 06 07 09 09 09	Special Activity ID 08	Special / No Activity ID 16 16 16 16 16 16 16	Special Activity ID 04	Special / Nor Activity ID 04	Special Activity ID 02 03 04	Special Activity ID 04
NEW BUSINESS Project-Activity NEWBU-MONRS NEWBU-NONRS NEWBU-NONRS NEWBU-OTHER NEWBU-RESID NEWBU-RESID NEWBU-RESID NEWBU-RESID NEWBU-RESID NEWBU-RESID NEWBU-RESID NEWBU-RESID	FLEET Project-Activity FLEET-OTHER	Other Project-Activity SUPPO-OTHER SUPPO-OTHER SUPPO-OTHER SUPPO-OTHER SUPPO-OTHER SUPPO-OTHER SUPPO-OTHER SUPPO-OTHER SUPPO-OTHER SUPPO-OTHER	DOT Project-Activity SUPPO-PCWRK	Other Project-Activity SUPPO-PRIM	RENEWALS Project-Activity SUPPO-RENEW SUPPO-RENEW SUPPO-RENEW	REMOVALS Project-Activity REMOV-REMOV

Chattanooga Gas Company TRA FG Item No. 65 CGC Schedule 65-2 2007 CGC Capital Forecast

. YEAR 2007 100,000 100,000 75,000	000	AR 2007	50.911	39.667	26,196	90.914	-76.500	107,569	562,857	47.583	329.183	260 682	75 981	10,50	340,374 -15 988			AR 2007	938,000	938,000	1000	100,000	100,000		AR 2007	806	22,019	3 34		940	7002 01	109,226	226	881	
TOTAL YEAR 2007 800,000 1,200,000 75,000	2,075,000	TOTAL YEAR 2007					•	·	-		•		2 2	2.5	. t	1 839 809		TOTAL YEAR 2007	938	938,	T000 0450 1410T	100,	100,		TOTAL YEAR 2007	٠,		371,734	106	1,040,040	TOTAL VEAD 2007	109,	109,226	6,904,881	
DEC 2007		DEC 2007	6.481	7.556	4.618	10.101	-8.500	20.217	84.107	5.285	51.688					181 552		DEC 2007	11,000	11,000	6	DEC 2007			DEC 2007		1,332	22,491	200,07	2020	DEC 2007	_	9,070	279,987	
NOV 2007 50,000	50,000	NOV 2007	5.881	8.411	5,080	10,101	-8.500	22,462	84.326	5.285	53 399					186 443		NOV 2007	8	11,000	2002 2004				NOV 2007		1,448	24,441	33,27	60,109	7002 AON	Σ	9,071	341,673	
	25,000	OCT 2007	2	7.760	4.727	10,101	-8.500	20,753	88.877	5,285	53.604					188 736	•	OCT 2007	4	174,624	2002 2000				OCT 2007		2,043	34,486	00,00	661,021	A 2002 13	-	9,071	517,590	
	200,000	SEP 2007	6	4.486	2,953	10,101	-8,500	12,157	66,368	5,285	38.658					138 227		SEP 2007 (N	175,572	, 2000	0	25,000		SEP 2007 (1,958	33,051	445 450	601,011	SED 2007	-	9,071	663,028	
	200,000	AUG 2007	5,819	1.746	1,469	10,101	-8.500	4,965	46.732	5.285	25.109					92.726		AUG 2007	2	175,572	2 2005 2014	8	25,000		AUG 2007		2,961	49,984	474 450	1/4,139	9 Z002 SITA	Ξ	9,071	676,527	
	400,000	JUL 2007	4,622	1,932	1,570	10,102	-8,500	5,453	45,090	5,285	24.311	1				89.864		JUL 2007 A	72	175,572	A 7005 III	8	25,000		JUL 2007 A		2,604	43,957	100,033	193,193	A 7007 A III	7	9,071	852,665	
	400,000	JUN 2007	5,245	1,548	1,361	10,102	-8,500	4,445	44,111	5,285	23.434					87.031		JUN 2007	Ņ	175,572	7002	0	25,000		JUN 2007		2,604	43,957	100,033	133,138	1 7000 NIII	_	9,071	849,832	
	200,000	MAY 2007	4,889	2,185	1,706	10,102	-8,500	6,119	44,583	5,285	24.867					91 236		MAY 2007	56	19,556	2005 241				MAY 2007		2,535	42,794	103,700	149,109	MAY 2007	7	9,071	468,972	
	400,000	APR 2007 N	5,123	4,044	2,714	10,102	-8,500	11,000	58,663	5,285	34.113					122.544		APR 2007 N	8	11,000	7000 004				APR 2007 M		4,536	76,575	103,702	200,013	M 7000 00A	Ξ	9,071	809,427	
	200,000	MAR 2007										89.996	18.377	112 861	-6.786	214.448		MAR 2007 A	22	3,392	V 2000 GVN				MAR 2007 A	197,125			207 207	621,181	MAD 2007	စ္တ	696'9	621,933	
FEB 2007		FEB 2007										111,839	35.379	130 755	218	278 190		FEB 2007 8	9	4,216					FEB 2007 N	242,198			007	242,138	EED 2007	20.077	20,077	544,681	
JAN 2007		JAN 2007										58.847	22,225	96 96	-9.420	168.812	•	JAN 2007	26	926		79IN 2001			JAN 2007	108,483			407	108,463	7000 701	5	543	278,564	
Activity in Voil Constitution in season 46 Replace Cooling Tower with Chiller 16 Add Pump Vent Line 16 Safety Related Projects		Normal Activity ID Project Description	New Bus - Meter Blanket	Commercial New Business Meters	Commercial New Business Regulators	Commercial New Business Mains	CIAC	Residential New Business Meters	Residential New Business Services	Residential New Business Regulators	Residential New Business Mains	Residential - all canital	Non-Residential - all capital	Blacket Designate All	CIAC	OCC	-	ID Project Description			lated	Activity to Project Description 04 Pressure Improvements			Activity ID Project Description	Renewal - All	Renewal - Services	Renewal - Regulators	Kenewai - Mains		The state of the s			Grand Total	
Activit 16 16 15			03	5	03	04	15	5	05	03	2	2	8	3 2	3 4	2	Special	Activity	4		Specia	Activity 04		Special	Activity	05	05	ខខ	45		Special	96			
Project-Activity SUPPO-OTHER SUPPO-OTHER SUPPO-OTHER		NEW BUSINESS Project-Activity	NEWBU-BLKMR	NEWBIJ-NONRS	NEWBU-NONRS	NEWBU-NONRS	NEWBU-OTHER	NEWBU-RESID	NEWBIJ-RESID	NEWRIT-RESID	NEWRIL-RESID	NEWBILBESID	NEWBIL-NONES	ALCIANDI DI MADI	NEWBU-DINER	NEWSO-CITED	DOT	Project-Activity	SUPPO-PCWRK		Other	SUPPO-PRIM		RENEWALS	Project-Activity	SUPPO-RENEW	SUPPO-RENEW	SUPPO-RENEW	SUPPO-KENEW		REMOVALS	REMOV-REMOV			

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Identify all special projects from the end of the test period through the attrition period, using the criteria defined in Item 64 above, by work order number and include the estimated cost. Provide a signed authorization for each special project and identify the planned starting and completion dates.

Response: Please see attached schedules, which provide the following:

- CGC Schedule 66-1 budgeted special plant additions for Jan. 2006 Dec. 2006.
- CGC Schedule 66-2 forecasted special plant additions for Jan. 2007 Dec. 2007.

Budgets are not prepared at a work order level of detail, and authorizations for all projects are not provided until a project is started. Due to the manner in which the Company budgets and forecasts capital expenditures, inception and completion dates of projects are not available. However, the capital budget for 2006 was approved by the Board of Directors at an AGL Resources Inc. aggregate level.

This response was prepared by or under the supervision of Michael J. Morley, Director, Regulatory Accounting & Reporting, AGL Services Company.

Chattanooga Gas Company TRA FG Item No. 66 CGC Schedule 66-1 2006 CGC Capital Budget

TOTAL 2006 68,000	68,000	TOTAL 2006 800,000	150,000	75,000	55,000 86,000	1,453,000	TOTAL 2006 928,000	928,000	TOTAL 2006	100,000	TOTAL 2006	22,019 1.055,950	901,487	1,979,456	TOTAL 2006 85,000	85,000	4,613,456
DEC 2006		DEC 2006					DEC 2006 139,131		DEC 2006	8,334	0,535 DEC 2006	1,332	54,542	214,188	DEC 2006 12,744	12,744	374,396
NOV 2006		NOV 2006	20000			50,000	NOV 2006 139,131	139,131	NOV 2006	8,334	NOV 2006	1,448	59,271	219,032	NOV 2006 12,744	12,744	429,240
OCT 2006		OCT 2(25,000			75,000	OCT 2006 139,131	139,131	OCT 2006	8,334	CCT 2006	2,043	83,631	243,987	OCT 2006 12,744	12,744	479,195
SEP 2006		SEP 2	non'ne			250,000	SEP 2006 139,131	l	SEP 2006	8,334	SEP 2006	1,958		240,422	SEP 2006 12,744	12,744	650,630
AUG 2006		AUG 2006 200,000				200,000	AUG 2006 58,804		AUG 20	8,333	AUG 2006	2,961	121,215	191,087	AUG 2006 5,386	5,386	463,611
JUL 2006	_	JUL 2006		_			JUL 2006 30,589	l	JUL 2006	8,333	JUL 2006	2,604		144,009	JUL 2006 2,802	2,802	185,733
JUN 2006 34,000	%	JUN 2006		25,000	0.0	25,000	JUN 2006 63,225		JUN 20	8,333	7GN 20	2,604		181,144	JUN 2006 5,791	5,781	317,493
MAY 2006		MAY 2006 200,000		50,000		358,000	MAY 2006 34,821		MAY 20	8,333	MAY 200	2,535	-	145,937	MAY 2006 3,189	3,189	550,280
APR 2006		APR 2006		25,000	25,000	75,000	APR 2006 28,832	28,832	APR 2006	8,333	9,333 APR 2006	4,536	185,702	223,045	APR 2006 2,641	2,641	337,851
MAR 2006 34,000	34,000	MAR 2006	75,000	25,000	•	5,000 105,000	MAR 2006 37,766	37,766	MAR 2006	8,333		42.973		42,973	MAR 2006 3,459	3,459	231,531
FEB 2006		FEB 2006	75,000	25,000		15,000 115,000	FEB 2006 1	71,724		8,333	6,333 FEB 2006	81.614		81,614	FEB 2006 P	6,570	283,241
JAN 2006		JAN 2006 200,000				200,000	JAN 2006 45,715	45,715	JAN 2006	8,333		52 019	2 2 2	52,019	JAN 2006 4,187	4,187	310,254
Project Description Vehicle Replacements CHAT		Special / Non Construction Related Activity ID Project Description 16 Replace Emergency Generator	Redesign Redirculation Line Install Stank Level Guage Chance Roil off High Pressure Discharge	Add Additional Security Safety Project	Relocate Panel on C-301 Bol-Joff Glycol Storage Tank for Rupture Disk	Replace EmergencyPower Switch	Project Description DOT - Mains		Special / Non Construction Related Activity ID Project Description	Pressure Improvements	Project Description	Renewal - Services	Renewal - Mains		Project Description REMOV - Mains		Grand Total
Special Activity ID 08		Special / Non Activity ID 16	5 5 5 4	5 6 6	5 9 9	16	Special Activity ID 04		Special / Non Activity ID	40	Special Activity ID	20 20	3 2		Special Activity ID 04		
FLEET Project-Activity FLEET-OTHER		Other Project-Activity SUPPO-OTHER	SUPPO-OTHER	SUPPO-OTHER	SUPPO-OTHER SUPPO-OTHER	SUPPO-OTHER	DOT Project-Activity SHPPO-PCWRK		Other Project-Activity	SUPPO-PRIM	RENEWALS Project-Activity	SUPPO-RENEW	SUPPO-RENEW		REMOVALS Project-Activity REMOV-REMOV		

Chattanooga Gas Company TRA FG Item No. 66 CGC Schedule 66-2 2007 CGC Capital Forecast

JAN 2007
. ZuD, DUD JAN 2007 FEB 2007 MAR 2007 926 4,216 3,392
926 4,216 3,392 JAN 2007 FEB 2007 MAR 2007
JAN 2007 FEB 2007 MAR 2007 108,483 242,198 197,125
108,483 242,188 197,125 JAN 2007 FEB 2007 MAR 2007 543 20,077 6,969
543 20,077 6,969 109,952 266,491 407,485

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Describe the LDC's budgeting process including, but not limited to the following:

a. How far in advance are operating and construction budgets prepared? On what basis is the total operation and construction budget determined? Explain the "approval process" in budget development.

Response

The budget approval process for AGL Resources Inc. and Subsidiaries ("AGLR") starts approximately 4-5 months prior to the beginning of the budget year. The budget year is the same as AGLR's fiscal year, the twelve months ending December 31.

For the twelve month budget, AGLR uses a bottoms-up, zero based budgeting method for those items for which it is reasonable to do so. This method budgets expenses with an identifiable basis beginning at zero. Examples of items budgeted using the bottoms-up, zero based budgeting method include payroll and lease expenses. Head count, salary and wage data and expected merit increases are the identifiable basis for payroll expense. Likewise, lease agreements are the identifiable basis for lease expenses.

For those expenses for which it is not reasonable to use a bottoms-up, zero based budgeting method, growth factors are applied to the most recent financial data, which normally includes actual financial data plus a year to go forecast. A year to go forecast includes actual financial data as of the most recent date plus a forecast for the remainder of the year. Business unit analysts, who are responsible for preparing the budgets, take this most recent financial data and adjust accordingly for known changes items. Growth factors are then applied to the adjusted financial data to arrive at the budget. Growth factors are normally based on current economic conditions, primarily inflation, as well as business plans for the upcoming budget period which may result in a higher or lower growth factor than the current inflation rate. An analyst in the corporate budget department works closely with both the business unit manager and analyst to validate the budget data and ensure it is consistent with company goals and objectives.

The business unit analysts compile the budget data, which is consolidated and submitted to and reviewed by the applicable managers and/or executives. Revisions are made, if necessary, and a revised budget is presented to the Policy

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Committee of AGLR. The Policy Committee consists of the CEO, CFO, General Counsel and Chief Ethics and Compliance Officer, Executive VP, External Affairs, Executive Vice President, Utility Operations and Senior VP, Human Resources. Once the budget is approved by the Policy Committee, it is submitted to the Board of Directors of AGLR for final approval.

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b. How many views or updates of the same budget year are made before a final view is adopted?

Response

Due to the multi-level approval process, the budget has approximately 3-4 iterations before final approval by the Board of Directors.

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c. Are budgets prepared on a monthly, quarterly, or annual basis?

Response

Budgets are prepared on an annual basis using a month-by-month format for a twenty-four month period. The budget is reforecasted on a quarterly basis to account for changes in economic conditions, assumptions and/or the overall business environment. The reforecast is used for strategic and financial planning for the remainder of the year, but the budget continues to serve as the primary measure of financial performance for the year.

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d. Which individual or department has overall responsibility for budgets/reconciliations?

Response

The budget manager and budget analyst for each business unit are responsible for reviewing budget to actual comparisons and analyses. An analyst in the corporate budget department works closely with both the business unit manager and analyst to validate the budget data and ensure it is consistent with company goals and objectives.

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e. Once a final budget has been adopted, are budget to actual (reconciliation) comparisons routinely made? How frequently are reconciliations prepared and by whom?

Response

Budget to actual comparisons and analyses are performed monthly by the business unit analysts and reviewed by the budget manager and executive management.

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f. For the last two (2) completed fiscal years, provide copies of all budgets, budget to actual and indicate reasons for the variances.

Response

Please see attached CGC Schedules 68f-1 and 2, which provide actual to budget variances for fiscal years 2005 and 2004, respectively.

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g. Comparisons on a total Company, total LDC, and Tennessee only basis.

Response

Actual to budget comparison for Chattanooga Gas Company (CGC) for 2005 and 2004 are provided in TRA FG Item No. 68f. CGC is a Tennessee only company.

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h. Provide total LDC and Tennessee Operations budgets and all supporting work papers for the current fiscal year and next fiscal year.

Response

Please see attached CGC Schedules 68h - 1, which provides the budget for CGC for 2006. Work papers are not maintained centrally. As discussed previously, budgets are created by each business unit or department analyst with budget responsibility.

CGC has not yet prepared a formal budget for 2007. However, TRA FG Item No. 25 provides the detail work papers used in developing the Company's cost of service for 2007 (attrition period). Note that TRA FG Item No. 25 cost of service budget is not an approved budget like the budget provided in CGC Schedule 68h - 1.

This response was prepared by or under the supervision of Michael J. Morley, Director, Regulatory Accounting & Reporting, AGL Services Company.

Chattanooga Gas Company TRA FG Item No. 68f CGC Schedule 68f - 1 2004 Actual to Budget Schedule 1 of 2

Variance Explanation	Headcount less than planned due tounfilled meter. Feading positions, Outside contractors were used.	CGC's charge off for uncollectible accounts were	Increase due to more use of outside contractors. Drimarily meter readers: This offset positive variance in payroll	The actual payroll from service company that is
Favorable/ (Unfavorable) Variance (442:972)	287.784 (4,448) 49,306 63,602	43,621 788,158 (8,821) 3,466 125,309 (9,303)	(8,389) (108,941) (18,451) (23,421) 5,664 (29,027) 1,156,109 (23,521) 201,226 1,944 179,649 1,335,759 (20,834)	13,470 5,234 557 (1,574)
Budget 30 228 593	2,954,922 317,172 449,323 109,000	33,550 74,020,009 130,458 68,536 335,069 276,060	9,861 727,977 36,489 46,500 15,752 177,213 6,757,892 136,900 522,166 42,622 701,688 7,459,580 (20,834)	(52,109) (57,188) (370,956) (501,088)
Total Year 2004 Actuals	21,620 321,620 400,017 45,398	(10,071) (281,851, 139,279 65,070 209,760	18,250 (836,918 54,940 69,921 10,088 206,240 5,601,782 160,421 320,940 40,678 522,039	(65,579) (62,422) (371,513) (499,514)
Description	Payroll Expenses Fleet Services Facilities LNG Storage	Distribution Expenses Customer Account Expenses Customer Service Expenses Marketing Benefits and Incentives Office Administration and Supply	Development and Training Outside Services Outside Services Dues and Subscriptions Travel and Entertainment Equipment Leases Miscellaneous Operation Exp Operation Expenses LNG Storage Maintenance Distribution Expense Maint Other Maintenance Expense Maintenance Expenses Operations and Maintenance Expense Stores Distributed	Benefits Capitalized Admin & Gen Exp Capitalized Fleet Exp Cap & Distributed Capitalized and Distributed Exp

Chattanooga Gas Company TRA FG Item No. 68f CGC Schedule 68f - 1 2004 Actual to Budget Schedule 2 of 2

	Variance Explanation														
Favorable/ (Unfavorable)	Variance	(21,886)	243,797	1,753,070	1,310,098	59,844	1,369,942	(42,128)	37,031	(5,098)	1,364,844	2,990,011	4,354,856	4,354,856	(4)
	Budget	5,182,110	3,736,354	22,679,108	7,549,486	82,052	7,631,538	•	(72,065)	(72,065)	7,703,603	3,022,236	4,681,367	4,681,367	56
Total Year 2004	Actuals	5,203,997	3,492,557	20,926,038	8,859,584	141,896	9,001,480	42,128	(109,096)	(66,967)	9,068,447	32,224	9,036,223	9,036,223	52
	Description	Depreciation and Amortization	Taxes Other Than Income	Operating Expenses	Operating Income	Other Income - Net	Earnings before Interest and Taxes	Other Interest Expense	Allowance for Funds - Debt	Interest and Stock	Earnings before Income Taxes	Income Taxes	Income before Extraordinary Items	Net Income	Total Employees

Chattanooga Gas Company TRA FG Item No. 68f CGC Schedule 68f - 2 2005 Actual to Budget Schedule 1 of 2

Variance Explanation	Headcount less than planned due to initiative to outsource meter reading activities	Actual charge-offs for bad debts lower than anticipated	Lower than budgeted pension and OPEB costs due to federal legislation and change in actuarial assumptions	functions:	Increase due primarily to reapirs to LNG facility
Favorable/ (Unfavorable) Variance	743,568 27,823 (1,212) (88,385)	158/977 158/977 15,076 (14,161)	(9,200) (9,200) (17,121) (17,121)	(334733) 6,861 11,326 5,003 (26,094)	(156,404) 1,258 (33,529) (188,675) 476,091 24,164 (16,081) (32,747)
5 Budget 31,459,074	2,602,191 345,673 398,002 119,100	2001,600 147,124 89,460	284.217. 281,710 15,025	787,296 43,740 68,600 15,952 219,159	148,560 313,749 43,052 505,361 6,124,210 (37,414) (49,891) (404,328) (491,634)
Total Year 2005 Actuals 80747/535	317,851 317,851 399,214 207,485	132,048 103,621	0,200 (15 <u>9515)</u> 264,589 8,044	36,879 36,879 57,274 10,949 245,253	4,934,063 304,964 312,491 76,581 694,036 5,648,119 (61,579) (33,811) (371,581)
Description Operating Margins	Payroll Expenses Fleet Services Facilities LNG Storage	Customer Account Expenses Customer Service Expenses Marketing	Legal Benefits and Incentives Office Administration and Supply Development and Training	Outside Services, Dues and Subscriptions Travel and Entertainment Equipment Leases Miscellaneous Operation Exp	Operation Expenses LNG Storage Maintenance Distribution Expense Maint Other Maintenance Expense Maintenance Expenses Operations and Maintenance Expense Benefits Capitalized Admin & Gen Exp Capitalized Fleet Exp Cap & Distributed Capitalized and Distributed Exp

Chattanooga Gas Company TRA FG Item No. 68f CGC Schedule 68f - 2 2005 Actual to Budget Schedule 2 of 2

Variance Explanation		The actual paycol (from service company) that is	assigned to CGC was \$1.124K less than budgeted in	2005. This favorable amountwas offset by increased	allocations from various service providers:	AND THE RESIDENCE OF THE PARTY															
Favorable/ (Unfavorable) Variance	Variance				700,528	85,891	(353,100)	59,055	(294,045)	943,801	232,262	122,062	354,324	(95,168)	162,743	67,575	421,899	40,719	462,618	462,618	(17)
Budget					7,536,501	5,382,733	3,233,134	222,273	3,455,407	22,007,218	9,451,857	125,565	9,577,422		(87,835)	(87,835)	9,665,257	3,797,402	5,867,855	5,867,855	51
Total Year 2005 Actuals	ACUAIS		のでは、10mmのでは、		6,835,973	5,296,843	3,586,234	163,218	3,749,452	21,063,417	9,684,118	247,628	9,931,746	95,168	(250,577)	(155,410)	10,087,156	3,756,683	6,330,473	6,330,473	34
Doscrintion	Description				Allocaled Costs: The second se	Per diametric tentral production and Amortization	Other Taxes	Payroll Taxes	Taxes Other Than Income	Operating Expenses	Operating Income	Other Income - Net	Earnings before Interest and Taxes	Other Interest Expense	Allowance for Funds - Debt	Interest and Stock	Earnings before Income Taxes	Income Taxes	Income before Extraordinary Items	Net Income	Total Employees

Chattal as Company Docker, v. 08-00175 TRA FG Hern No. 68h CGC Schedule 68h - 1 2006 Budget by Month

Account Number and Description	Jan-06 Budget	Feb-06 Budget	Mar-06 Budget	Apr-06 Budget	May-06 Budget	Jun-06 Budget	Jul-06 Budget	Aug-06 Budget	Sep-06 Budget	Oct-06 Budget	Nov-06 Budget	Dec-06 Budget	Total Year 2006 Budget
400100 Residential Sales	13,255,076	11,089,214	8,467,991	4,810,594	2,392,167	1,446,577	1,387,654	1,377,748	1,524,264	3,747,937	7,517,745	11,142,655	88,159,622
400600 Revenues-Housing Project	43,137	36,498	26,696	15,405	9,263	7,192	7,065	7,023	6,981	15,025	26,459	38,344	239,088
400350 Commercial Cae Sales	9 303 006	10.456.120	8.809,825	6,461,335	4,129,549	2,594,741	2,115,735	2,117,820	2,115,908	2,431,471	4,271,467	~	62,105,187
400E10 Indicated Con Color	2 429 757	3 303 233	1 556.517	1.413.396	1.048.453	849,382	651,649	994,362	874,304	857,494	976,985		15,769,843
400602 Back tabilled December	395 266	(609,829)	(667,197)	(1,100,353)	(226,928)	(133.197)	(11,123)	(7,743)	76,090	657,282	738,322		
40000 pase original revenue	21 867	21.667	21.667	21.667	21,667	21,667	21,667	21,667	21,667	21,667	21,667		260,000
407307 Other Car Boar Cat	9 333	9,333	9.333	9,333	9,333	9,333	9,333	9,333	9,333	9,333	9,333		112,000
407007 Outer Gas Net-33	72,825	85.637	78.840	55,642	28,854	26,158	9,882	13,505	11,951	16,325	19,704		457,947
407000 Cate regiment rees	1.340	1.940	2.020	1.707	1,713	1,367	1,180	927	830	730	710		15,603
407090 Returned Check-Markete	4 834	5.530	7.525	9.473	6.711	5,597	3,997	3,890	4,253	17,178	11,831		85,537
40/100 Reconnect Chalge - Filli	74 827	14 097	11 739	11.077	10.867	11,153	11.374	11,852	13,079	23,880	22,517		184,414
407102 Turn-on Charge- Firm	729,12	60,4	601		1 200	200	1 200	1 200	1 200	200	200		9.500
407104 Establish Service SONP	200	8	000	000	87.	2,4	1,200	16 750	000	36.670	800	10,020	133 702
450100 Damage Billing - Mains	5,858	6,546	10,393	4,642	4,192	17,21	4,320	00,101	006'6	870,00	240,0	670'51	201,551
Operating Revenues	25,564,426	24,420,487	18,335,850	11,714,418	7,437,041	4,853,447	4,213,942	4,557,340	4,665,679	000,000,0	3,020,202	20,082,02	147,332,443
81050 Cost of Sales	20,576,251	20,154,519	14,717,704	9,535,476	5,444,661	3,242,349	2,834,219	2,865,835	3,198,248	5,533,960	10,294,322	18,118,5/6	114,516,120
Occurring Marain	4 988 175	4.265.967	3,618,146	2,178,942	1,992,380	1,611,098	1,379,723	1,701,505	1,467,631	2,301,540	3,330,961	4,180,255	33,016,323
Operating Margin	165 469	153 249	170.060	146.568	164.899	158,997	152,557	165,130	154,112	166,710	168,944	161,516	1,926,211
600100 Payroll Expense	1 130	100	7 036	200,00	B 441	8 693	8 946	9 199	9 452	9.704	6 957	10.210	105,838
670140 Fleet Fuel Expense	000	200,		200	950 7	4 806	AFR A	4 772	4 710	4 648	4 587	4 525	58 384
670147 Lease Fleet Equipment	5,206	5,144	290'6	0,020	0.5.4	000,4	100.1	1000	2 6	200,	1,1	200	45 861
670148 Operate and Maintain Fleet Eq	2,902	490	7,26/	3,795	ton's	3,620	4,510	6,029	4,430	0,230	5	80.0	ָרָ בּילי
670149 Fleet Services				,					. !	. !	. :	. :	
670050 Facilities Expense (utilities)	22,100	22,100	22,100	21,400	20,400	22,400	21,400	22,000	22,450	22,450	22,450	22,432	263,682
Control Appende Common	32,605	32,605	33,105	31,905	32,655	33,655	32,155	32,755	33,705	32,955	32,955	33,437	394,482
racinues	3 550	5,550	6 150	42.550	8.550	4.150	23,550	8,550	6,150	9,600	8,050	3,650	127,050
620500 LNG Storage	200	200	000	1000	16,800	18 800	16 800	16,800	16,800	16 800	16,800	16.800	201,600
650950 Customer Accounts Expense	008,91	000'01	10,000	0,000	000	0,00	0,00	0.675	9675	9 675	10.675	18 675	154 044
655950 Customer Service Expense	19,662	20,900	10,530	0/0'11	0000	0,200	0 0		5 6	200	200	200	900 00
660450 Selling Expense	5,633	5,833	5,833	5,833	5,833	5,833	5,833	5,833	20,0	20,0	2000	2,0,0	086'80
670530 Retirement Savinos Plus Plan	6,774	6,774	6,774	6,774	6,774	6,774	6,774	6,774	6,774	6,774	6,774	6,774	81,288
RZOS34 A01K - Distributed	6.983	6,467	7,177	6,185	8,959	6,710	6,438	6,968	6,504	7,035	7,045	6,816	81,286
	(8 774)	(6,774)	(6.774)	(6.774)	(6.774)	(6,774)	(6,774)	(6,774)	(6,774)	(6,774)	(6,774)	(6,774)	(81,288)
6/0535 401K Benefit Oilset	76 132	26 132	28 132	26 132	26,132	26.132	26.132	26.132	26,132	26,132	26,132	26,132	313,584
670500 Group Insurance	701.02	10000	10000	(48 800)	(18 800)	(18 600)	(18 600)	(18,600)	(18,600)	(18.800)	(18,600)	(18.600)	(223,200)
670501 Health Benefits Offset	(000'01)	(10,000)	(10,000)	(7,532)	(7.532)	(7.532)	(7.53.2)	(7.532)	(7.532)	(7.532)	(7.532)	(7.532)	(90,384)
670502 Flex Benefits Deductions	(7567)	(255.7)	(700.0)	(700')	(200')	100.50	4000	1000	18 600	18,600	18 600	18 600	223 200
670509 Health - Distributed	18,600	18,600	18,600	000,000	10,000	000'0	00000	00000	(00000)	10,000	(20,02)	(06,030)	(348 469)
670450 Pensions	(29,039)	(29,039)	(29,039)	(29,039)	(29,039)	(29,039)	(23,039)	(28,038)	(23,039)	(23,039)	(25,039)	37 334	(AAB 008
670490 Pension Benefits Offset	37,334	37,334	37,334	37,334	37,334	37,334	37,334	97,334	455,50	45,50	400,00	1,53	440,000
670459 Pension - Distributed	(38,486)	(35,644)	(39,554)	(34,090)	(38,354)	(36,981)	(35,483)	(38,408)	(35,845)	(38,775)	(38,830)	(190')()	(440,017)
670503 Other Post Retirement Benefits	(8,295)	(8,295)	(8,295)	(8,295)	(8,295)	(8,295)	(8,295)	(8,295)	(8,295)	(8,295)	(8,295)	(8,295)	(98,940)
670505 Benefits and Incentives	100	9	200	9	9	200	100	100	200	9	001	200	0,00
670400 Office and Administrative	200	200	700	200	700	200	200	200	700	200	200	200	8,400
670100 Office and Admin and Supplies	22.469	22.469	22,469	22,489	22,469	22,469	22,469	22,469	22,469	22,469	22,469	22,469	269,828
670100 Office Admin and Opposes	943	943	943	943	943	943	1,193	2,303	1,138	943	9	943	13,121
670109 Development and main (670109 Const.)	106.891	101,401	95,541	85,261	84,661	79,231	83,401	82,736	92,161	107,881	85,951	86,196	1,091,312
6702 10 Outside Certifical (open communication)	10.400	10,400	10,400	10,400	10,400	10,400	10,400	10,400	10,400	10,400	10,400	10,400	124,800
67 0402 Outside Legal Services	9.346	1.478	966	9,643	827	827	7,995	1,322	937	2,006	1,210	1,277	42,864
6/0810 Dues	4 487	4 969	4.969	4.969	4,969	4,969	4,969	5,669	690'9	4,969	4,969	4,969	60,926
570850 Iraver and Entertainment	1 746	1.517	1.517	1.746	1,517	1,517	1,746	1,517	1,517	1,746	1,517	1,517	19,120
670915 Equipment Leases	200	000	005.6	8,000	8.000	6.000	000'9	000'9	6,000	6,000	6,000	8,000	79,500
670130 Bank Service Charges	10,000	14 252	10.552	16.052	11 552	12.052	10.052	10.552	22,011	12,052	10,052	10,052	146,283
670890 Miscellaneous Operain Expense	4 720	10 080	16.470	35,920	10,720	18,970	17.220	8,420	13,470	5,720	5,220	6,970	163,800
625950 LNG Storage-Maintenance	21,420	21.483	21 483	21.483	21.483	19,983	19,983	19,983	21,483	22,983	22,983	70,703	305,516
645950 Distribution Exp-maintenance	4 770	779	3 279	2 379	6.579	1.579	5.279	3,279	7,179	1,779	1,779	2,579	39,248
6/5150 Other Maintenance Expense	1001	(2016)	(3.336)	(2.897)	(3,321)	(3,180)	(3,038)	(3,321)	(3,042)	(3,203)	(3,203)	(3,064)	(37,721)
670510 EmployeeBenefitsCapilized	(5,155)	(581)	(865)	(578)	(995)	(634)	(909)	(662)	(209)	(639)	(629)	(611)	(7,521)
670511 Other Post Regression of the Property o	(939)	(365)	(1.562)	(1.356)	(1,555)	(1,489)	(1,422)	(1,555)	(1,424)	(1,499)	(1,500)	(1,434)	(17,659)
670513 A Pri Capitalized	(2.495)	(2,311)	(2.564)	(2.210)	(2,486)	(2,397)	(2,300)	(2,490)	(2,324)	(2,513)	(2,517)	(2,435)	(29,041)
670150 Administrational Salaries Capacitation	(339)	(339)	(339)	(339)	(339)	(339)	(338)	(338)	(339)	(333)	(338)	(339)	(4,065)
670100 Aando Expenses-Capitaises	(1.506)	(1,279)	(1,471)	(1,638)	(1,867)	(1,668)	(1,732)	(1,917)	(1,757)	(1,671)	(1,875)	(1,920)	(20,101)
67 1021 Freet Capatitation 67 1008 Allocated Corn Compliance	3.068	8,887	5,211	5,785	23,954	6,114	2,276	5,972	4,231	2,247	4,255	10,556	82,555
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Chartan.
Docket 1vx. 06-00175
TRA FG ttem No. 88h
CGC Schedule 88h - 1
2006 Budget by Month

Account Number and Description	Jan-06 Budget	Feb-06 Budget	Mar-06 Budget	Apr-06 Budget	May-06 Budget	Jun-06 Budget	Jul-06 Budget	Aug-06 Budget	Sep-06 Budget	Oct-06 Budget	Nov-06 Budget	Dec-06 Budget	Į
671412 Allocated Bire Sint Facilities	26.720	26,530	27,273	26,683	26,749	27,563	26,545	26,577	30,553	30,504	30,627	31,051	337,374
67 1412 Allocated Dus Cupi Terminal	12	12	12	12	12	12	12	12	12	12	12	12	
of 1414 Auction Day only Onia	1 703	1716	2 791	1.759	1.867	2.251	1.665	1.761	2.109	1,775	1,694	2,547	
6/1415 Allocated Supply Chall Mgill	14 780	16.362	25.105	14.832	18,380	19.531	15.302	16.241	20,748	14,549	11,842	18,238	
6/141/ Allocated Employee Services	4 726	7 261	6 916	5.586	5.863	6.218	5.685	5,872	6,128	5,780	5,783	6,771	
671419 Allocated Executive - Corp	25,432	28.681	36.731	24.919	27.472	34.761	25,768	27,356	30,771	26,962	29,597	40,733	
671422 Allocated Financial Services	20,402	833	833	833	833	833	833	833	833	833	833	833	
671424 Allocated IS& I Base Serv - Corp	28 8	2 303	3 292	1.776	1.956	2.898	1.870	1,956	5,065	1,913	1,887	3,129	
671425 Allocated Internal Auditing	96,	1,160	2088	887	1.759	1.551	783	1.244	1,525	1,056	2,756	1,901	
671426 Allocated Investor Relations	30,459	30,510	36.945	30.081	30,882	32,314	30,414	30,879	31,981	30,618	30,620	33,926	
671427 Allocated Legal	4 4 4 3	1313	1313	1.313	1.313	1.313	1.313	1,313	1,313	1,313	1,313	1,313	
671429 Allocated Other Corporate	11.178	774 8	14.824	12.594	8,728	8,249	9,846	8,883	12,108	10,459	10,059	11,042	
671434 Allocated Corporate Contributionis	123 178	134 535	163,334	127,060	149,769	143,609	122,312	128,919	147,377	128,020	131,277	162,050	
Allocated Corporate	6.547	7.607	16,857	7,196	7,241	15,406	7,089	7,893	15,078	7,144	7,119	19,026	
6/1003 AGLK Alloc Executive - Dist	1 640	1.583	3,187	1,745	1,523	7,245	1,422	1,488	2,059	1,588	1,940	2,795	
6/1004 Allocated Ext Relations-Us Op	15,282	14.356	21,602	13,408	14,887	12,818	(7,789)	(7,310)	(8,720)	(8,795)	(9,537)	(3,980)	
6/1005 Allocated Call Celliel My	9.590	9.059	18,511	9,059	9,601	13,937	690'6	9,469	13,574	9,219	9,283	16,411	
6/1103 Allocated Credit Coll Cust Log	8 691	6.543	10,438	8,002	6,650	7,549	7,308	6,790	7,577	8,284	7,409	9,621	
STEED ALL COST COST MIGHT A CIT	48.858	46,948	80,274	44,968	49,192	40,490	31,444	35,592	43,870	41,653	45,837	60,110	
57 14 15 Allocated Call Califel	10.841	10,636	19,822	11,870	10,629	14,396	9,794	10,215	14,852	11,273	10,150	17,057	
671410 Alocated Engineering	9.229	7.430	17,136	8,293	7,815	11,279	7,796	8,089	11,281	7,836	7,919	18,521	
67 1423 Allocated Gas Octyly	2.372	2,300	4,829	2,284	2,374	9,610	2,294	2,373	9,633	2,349	2,374	11,622	
671420 Allocated Pales & Regulation	3,945	5,655	8,447	4,327	4,657	7,341	4,473	4,900	7,370	5,046	5,181	9,123	
67 1400 Alocaled March Charachack	76,030	89,712	80,179	88,965	79,027	75,621	72,242	79,242	72,417	75,494	75,662	72,992	
671400 DRECE Assigned Charges Com	58,271	57,478	71,262	50,866	52,536	59,369	54,399	48,976	53,956	53,869	52,439	49,129	
671400 1081 Designed - COD	3,400	3,398	8,714	3,404	3,404	3,400	3,408	3,411	3,411	317	317	317	
672520 IS&T Base Services - Dis Oos	25,893	23,828	21,930	19,080	17,768	21,750	20,501	19,925	31,936	23,137	19,947	21,974	
67.25.0 JOKT Dase Common Programmer Programmer Discovers	52,491	34,257	39,013	25,141	18,254	31,505	23,554	15,748	23,758	13,701	11,981	21,302	
671406 Segment Chamehack-CHAT	15,610	15,610	15,810	15,610	15,610	15,610	15,610	15,610	15,610	15,610	15,610	15,610	
671004 Other Benefits Stock Awards		•	14,303			14,312	4,782	4,785	4,785	4,785	4,788	4,788	
671024 Outel Denema Stock America 67101a AGOC CC Fleet Services	2,367	2,320	2,813	2,109	2,264	2,483	2,124	2,402	2,318	2,076	2,133	2,548	
425350 Denreciation and Amortization	447,198	447,198	447,198	447,198	447,198	447,198	447,198	447,198	447,198	447.198	447,198	447,198	
427101 Gen Tax Expense- Property Tax	207,230	207,230	207,230	207,230	207,230	207,230	207,230	207,230	207,230	207,230	207,230	207,230	
427102 Gross Receipts Tax	26,900	26,900	26,900	26,900	56,900	56,900	56,900	25,900	25,900	20,900	20,800	20,900	
427105 Gen Tax Expense-Franchise Fee	27,800	27,800	27,800	27,800	27,800	27,800	27,800	2000	27,900	26,900	25,000	25,000	
427130 Net Worth Tax	25,000	25,000	25,000	25,000	25,000	23,000	72,000	13.758	12,000	13,830	13,848	13 383	
427100 General Tax Expense-Payroll	13,735	12,702	14,135	12,191	13,740	13,240	12,030	2,50	1000	14.358)	(1 350)	/1 200/	
427111 GeneralTaxExpensePayroll-Capit	(1,357)	(1,237)	(1,415)	(1,229)	(1,408)	(946,1)	(1,288)	(1,409)	(1,230)	6,553	6.653	6.653	
446300 Allowance for Funds-Equity	6,653	8,653	6,653	6,653	6,653	200,0	0,000	0,000	(222 553)	688.656	1 745 616	2 401 671	
Eamings before Interest and Taxes	3,304,492	2,607,713	1,775,761	510,428	350,676	(00'30)	(414,907)	5,021	5,500	A 699	909	2,690	
672511 AGSC Alloc Cost of Capital	5,699	5,699	5,699	5,699	2,088	2,033	0,033	6,030	(6.924)	(8 924)	(6.924)	(6.924)	
470110 Allowance for Funds-Debt	(6,924)	(6,924)	(8,924)	(0,924)	254 002	(85 120)	(213,681)	121 802	(221.327)	689.882	1.746.842	2.402.896	
Eamings before Income Taxes	3,305,717	2,606,939	1,76,907	501.00	130 250	(33,447)	(83.954)	47.855	(86.958)	271.049	686.320	944,079	
427540 Income Тахеs	1,298,790	1,025,031	600,104	201025	138 259	(33.447)	(83.954)	47,855	(86,958)	271,049	686,320	944,079	
Income Taxes	1,298,790	1,020,031	1 020 000	240,020	213 642	(51,683)	(129 728)	73 947	(134.369)	418.833	1.060,522	1,458,818	
Income before Extraordinary Items	2,006,927	1,583,908	1,078,923	310,629	213.642	(51,683)	(129,728)	73,947	(134,369)	418,833	1,060,522	1,458,818	
Net Income	2,000,321	200,500,1	יימי מימקה	2000	1	1-1-1-1					•		