BEFORE THE

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 130140-EI

GULF POWER

A SOUTHERN COMPANY

MINIMUM FILING REQUIREMENTS

SECTION F – MISCELLANEOUS SCHEDULES
VOLUME TWO

GULF POWER COMPANY

Docket No. 130140-EI
Minimum Filing Requirements

Index

F. Miscellaneous Schedules
Volume Two

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: Provide a copy of the "Business Contracts with Officers, Directors, and Affiliates" schedule included in the company's most recently filed Annual Report as required by Rule 25-6.135, Florida Administrative Code. Provide any subsequent changes affecting the test year.

Type of Data Shown:
___Projected Test Year Ended 12/31/14
___Prior Year Ended 12/31/13
_X_Historical Year Ended 12/31/12
Witness: R. S. Teel

(1) Line No.	(2) Name of Officer or Director	(3) Name and Address of Affiliated Entity	(4) Relationship With Affiliated Entity	(5) Amount of Contract or Transaction	(6) Description of Product or Service
1	See attached schedule. Note the following change for subsequent years:				
2	William A. Pullum retired, effective May 14, 2012.				
3	Mark A. Crosswhite resigned, effective June 30, 2012.				
4	Stanley W. Connally, Jr. elected, effective July 1, 2012.				

Business Contracts with Officers, Directors and Affiliates

Company: Gulf Power Company

For the Year Ended December 31, 2012

List all contracts, agreements, or other business arrangements* entered into during the calendar year (other than compensation-related to position with respondent) between the respondent and each officer and director listed in Part 1 of the Executive Summary. In addition, provide the same information with respect to professional services for each firm, partnership, or organization with which the officer or director is affiliated.

Note * Business agreement, for this schedule, shall mean any oral or written business deal which binds the concerned parties for products or services during the reporting year or future years.

Name of Officer or Director	Name and Address of Affiliated Entity	Amount	Identification of Product or Service
J. Mort O'Sullivan, III	Warren Averett O'Sullivan Creel 316 S. Baylen St., Suite 300 Pensacola, FL 32502	1,000.00	Accounting Services
William Cramer	Bill Cramer Chevrolet Cadillac Buick GMC, Inc. 2251 West 23rd Street Panama City, Florida 32405	203.90	Car Leasing
William Cramer	Bill Cramer Chevrolet Cadillac Buick GMC, Inc. 2251 West 23rd Street Panama City, Florida 32405	2,058.74	Car Leasing

FLORIDA PUBLIC SERVICE COMMISSION

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EXPLANATION: Supply a copy of all NRC safety citations issued against the company within the last two years, a listing of corrective actions and a listing of any outstanding deficiencies. For each citation provide the dollar amount of any fines or penalties assessed against the company and account(s) each are recorded.

Type of Data Shown:
____ Projected Test Year Ended 12/31/14
____ Prior Year Ended 12/31/13
_X_ Historical Year Ended 12/31/11-12/31/12
Witness: M. L. Burroughs

Line No.	
1	Not applicable. Gulf has no nuclear facilities.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: If a projected test year is used, provide a brief description of each method or model used in the forecasting process. Provide a flow chart which shows the position of each model in the forecasting process.

Type of Data Shown:
X Projected Test Year Ended 12/31/14
_ Prior Year Ended 12/31/13
_ Historical Year Ended 12/31/12
Witness: S. D. Ritenour, R. J. Alexander, M. L. Burroughs, R. W. Grove

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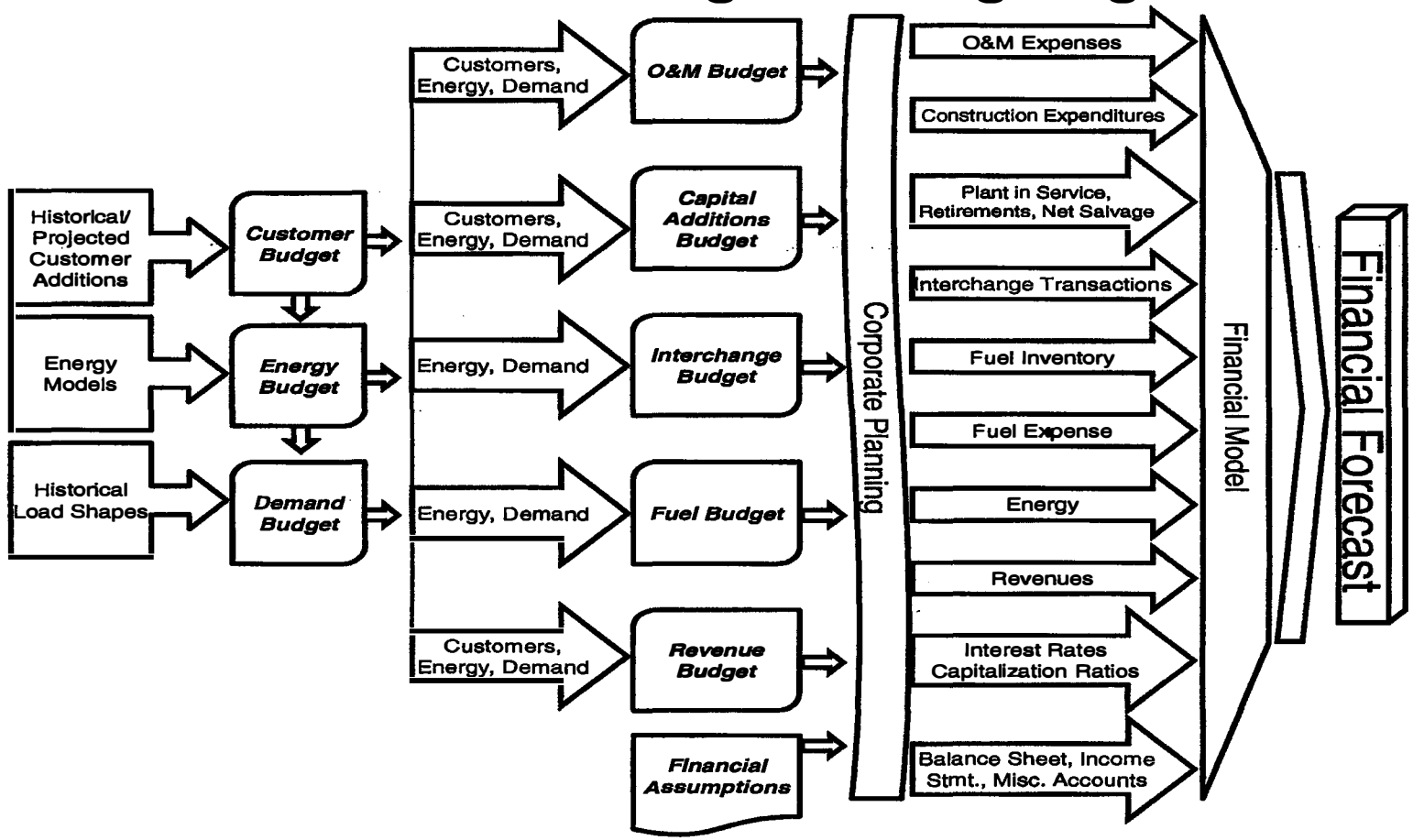
X Projected Test Year Ended 12/31/14
_ Prior Year Ended 12/31/13
_ Historical Year Ended 12/31/12
Witness: S. D. Ritenour, R. J. Alexander, M. L. Burroughs, R. W. Grove

Gulf Power Planning and Budgeting Process



Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

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X Projected Test Year Ended 12/31/14
_ Prior Year Ended 12/31/13
_ Historical Year Ended 12/31/12
Witness: S. D. Ritenour, R. J. Alexander, M. L. Burroughs, R. W. Grove

I. OVERVIEW

This schedule describes the process Gulf Power uses in developing its annual financial forecast. The financial forecast is comprised of eight component budgets which are used by management to assess departmental performance and to control the Company's operations and activities. Gulf's financial forecast is a logically developed and detailed tool that management uses in making decisions affecting the future direction of the Company.

Gulf's forecasting process is outlined on the flow chart on page 2 of this schedule. The chart shows the process beginning with information obtained by the Forecasting Department which leads to the development of the customer, energy, and demand budgets. These budgets in turn provide the basis for developing the revenue, fuel, interchange, capital additions, and operations and maintenance budgets. Although not reflected on the chart, there are numerous management reviews of each budget, along with approval of the capital additions budget by the Board of Directors.

A list of assumptions that are incorporated in the eight component budgets of Gulf's financial forecast are shown on MFR Schedule F-8. The information and budgets included in the eight component budgets along with other financial assumptions and data are input to Gulf's Financial Model which generates the accounting statements that comprise the Company's financial forecast. The 2013 financial forecast of 2014 is the basis of the test year data in this proceeding.

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_ Prior Year Ended 12/31/13
_ Historical Year Ended 12/31/12
Witness: S. D. Ritenour, R. J. Alexander, M. L. Burroughs, R. W. Grove

II. CUSTOMER, ENERGY, PEAK DEMAND, & REVENUE FORECASTS

Methodology Overview

Gulf annually produces a new forecast of customers, energy, peak demand and retail base rate revenue. Gulf begins by projecting the number of new non-lighting customers it expects to add in each customer class – residential, commercial and industrial. Next, Gulf estimates how much energy these customers will use under normal weather conditions. For customers on demand rates, Gulf then estimates monthly billing demands. Finally, the base charges, energy charges, and demand charges from the appropriate rate schedules are applied to the number of customers, monthly energy and aggregate monthly billing demands to estimate retail base rate revenues. Outdoor lighting customers, energy and base rate revenue are projected by rate and class. Gulf also forecasts total Company peak demand using total energy projections and historical relationships between energy and demand. Additional detail is supplied in Gulf Witness Alexander's testimony.

Fuel, Purchased Power Capacity, Conservation and Environmental Clause revenues are calculated by the Financial Model based on energy and recoverable fuel, purchased power, environmental, and conservation costs. These factors are then multiplied times the billed energy by rate class to arrive at the respective clause revenues.

Other Operating Revenues include miscellaneous service revenues (including franchise fees), rent from electric property, and other miscellaneous revenue. Franchise fee revenues (net of revenue taxes) are projected to equal the franchise fee expense which is calculated by the Financial Model. The remaining revenue items are projected by the Corporate Planning Department.

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Witness: S. D. Ritenour, R. J. Alexander, M. L. Burroughs, R. W. Grove

III. OVERVIEW OF THE FUEL/INTERCHANGE PROCESS

Description

The Fuel and Interchange Budgets are an integral part of Gulf's operating budget and the budgets of each of the other Operating Companies within the Southern electric system. Data provided by the fuel and interchange forecast includes unit capacity factors, unit performance, pool interchange, off-system sales, and fuel expenses.

The Interchange Budget is produced using PROSYM, a computer model used to simulate the economic dispatch of the Southern electric system. Inputs to the model are provided by the Operating Companies and include unit data, loads and sales information. In addition, marginal fuel prices and fuel cost data are provided by FUELPRO, a fuel optimization model that determines a least cost fuel purchase plan based on fuel burn, inventory, quality, transportation and emission constraints. The development of fuel costs for the Energy Budget is based on an iterative process. FUELPRO determines marginal prices for every fossil unit on the Southern electric system, then PROSYM determines the burn by unit based on the marginal costs. The burns are then input to FUELPRO and optimized fuel costs are provided back to PROSYM. A Fuel & Interchange Budget process flowchart is shown on page 7 of this schedule.

Once the budgets are complete, the results are provided to Corporate Planning to be incorporated into the operating budget.

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The following is a brief description of the models utilized in the forecast:

Fuel Cost Model, FUELPRO

FUELPRO is a linear optimization model that determines a least fuel cost solution allowing for a variety of constraints related to each of the fossil power plants in the Southern electric system. This includes such things as contract obligations, fuel quality, transportation and emissions constraints. The program receives an input of the burn requirements in mmBtu's for each unit at a plant, as well as the desired inventory levels, and the availabilities of fuel supplies from each applicable source. The price of each fuel commodity and its associated transportation costs are also provided as inputs to the fuel model, including any applicable escalation of pricing over time. With this data, the program calculates marginal prices to be used in economically dispatching the system and formulates and solves for the mimimum cost fuel mix to each plant (Fuel Budget).

Production Costing Model, PROSYM

Gulf Power Company and the Southern electric system utilize PROSYM, a chronological modeling system, to project future fuel requirements and system production costs. PROSYM is a complete electric utility/regional pool analysis and accounting system. One of the principal purposes of PROSYM is to provide an economical dispatch of all the fossil fuel plants within the Southern electric system based on marginal prices provided by FUELPRO plus other variable operation costs. PROSYM is designed for performing planning and operational studies, and because of its chronological structure, the model accommodates detailed investigations of operations of electric utilities with power pools such as the Southern electric system pool.

The basic PROSYM inputs include data related to generating units, marginal prices, fuel costs, demand and energy, and system operating characteristics. The basic outputs are energy produced and Btu requirements for each generating unit and the cost of generation (Interchange Budget) to the financial models.

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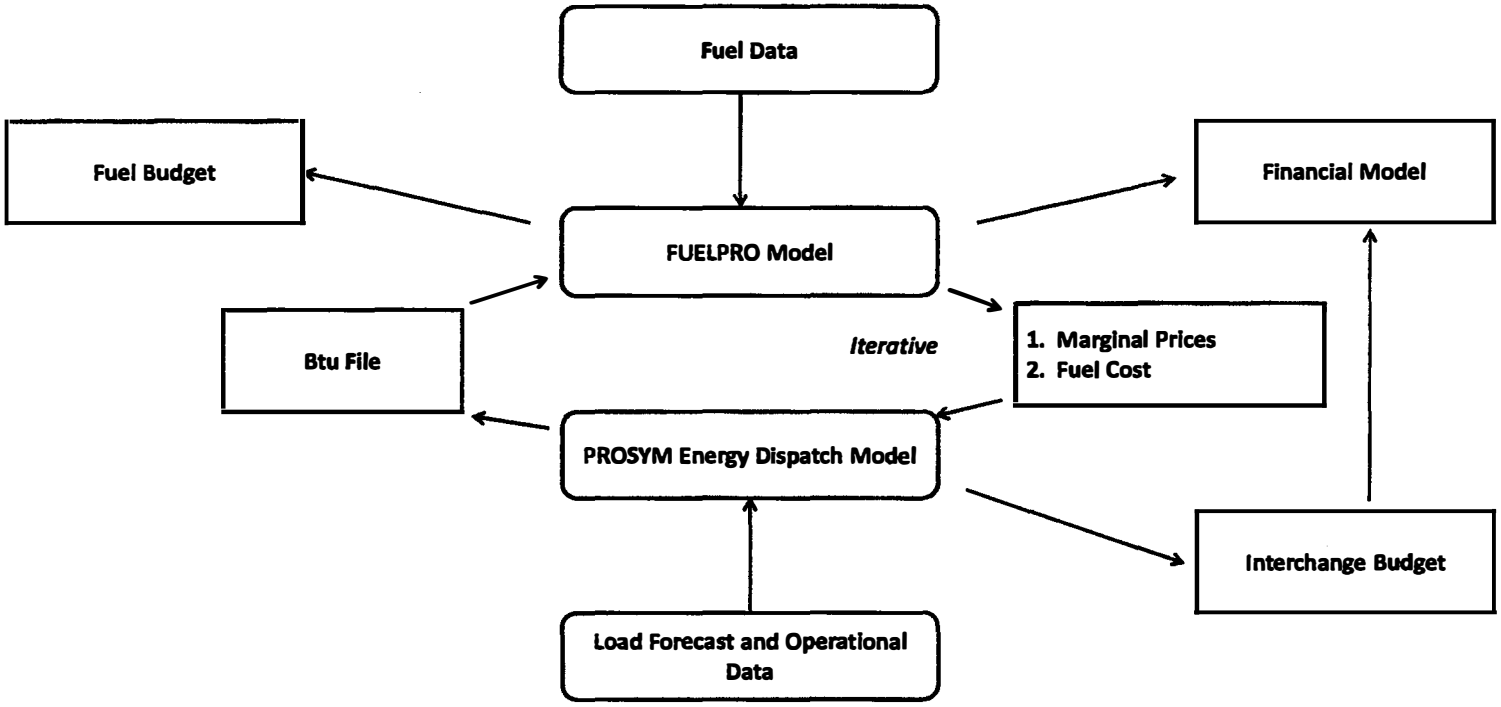
Witness: S. D. Ritenour, R. J. Alexander, M. L. Burroughs, R. W. Grove

FUEL & INTERCHANGE BUDGET PROCESS FLOWCHART



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Supporting Schedules:

Recap Schedules:

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IV. CAPITAL ADDITIONS BUDGET

A. Construction Expenditures

Gulf's construction requirements are determined through a detailed analysis of existing facilities and projections of customer growth, energy, demand, and patterns of energy usage. The construction budget is driven off of inputs obtained from the Customer, Energy, and Demand Budgets and is comprised of the following components:

(1) Major Generation and Production Plant Analysis. Utilizing inputs from the budgets mentioned above, the need for and timing of major generation additions necessary to maintain reliable service is projected. The resulting Generation Expansion Plan is coordinated with associated operating companies such that projected customer requirements are met, total system construction dollars are effectively utilized and economies of scale are realized. Other production plant additions are based on deterioration of existing facilities, operating experience, environmental requirements, and necessary expansions.

(2) Distribution Analysis. The results of monitoring circuit loads on the Gulf system and the inputs from the Customer, Energy, and Demand Budgets are utilized in studies which project the need for and timing of additions to Gulf's distribution system.

(3) Transmission Analysis. Combines the results of the major generation and distribution analysis and the inputs from the three budgets mentioned above to determine future transmission facility requirements.

(4) General Facilities Analysis. Involves combining periodic reviews of existing facilities, equipment, and their related costs and projections of future general facility requirements.

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These analyses are reviewed by the appropriate members of management and a construction plan for each function is established. The details of the construction plan are communicated to the affected departments and become the foundation for scheduling projects and budgeting the related expenditures. Each project, its justification, and related costs are summarized as Plant Expenditure items (PEs). The PEs are reviewed by the appropriate managers and officers. The PEs are then summarized by Corporate Planning and presented to executive management for their review and approval. Once approved by executive management, the Capital Additions Budget is presented to the Board of Directors for approval.

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B. Plant - In - Service, Retirements, Cost of Removal and Salvage

Each PE contains pertinent information such as the project's functional classification, starting date and completion date, expenditures, clearings to service, retirements, and cost of removal and salvage by month and year. The PE may contain one or more projects with varying completion dates. The monthly breakdown of expenditures, clearings to service, retirements, cost of removal and salvage for the budget year and the forecast years are input to the Financial Model which calculates the various plant balances on a monthly basis.

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V. OPERATIONS AND MAINTENANCE EXPENSES EXCLUDING FUEL AND PURCHASED POWER

The development of Gulf's Operations and Maintenance Budget (O&M), excluding direct fuel and purchased power, begins with the development of appropriate budget guidelines. The Budget Message that communicates the O&M guidelines to support Company goals is reviewed and approved by the Chief Financial Officer and is distributed to the planning units to aid them in developing and submitting their budget and forecast requests. Once the planning units have submitted their budget, Corporate Planning and Budgeting compile the data for review and approval by executive managment. Once the final budget has been approved by executive management, the Chief Financial Officer sends the final approved budget and forecast to executive management and all Planning Units.

Each Planning Unit monitors their budget to actual comparison using the accounting and reporting system. Explanations are required for quarterly variances of 10 percent or more that equal or exceed $25,000; or any variance that exceeds $500,000. The Planning Units also submit any year-end projections with their quarterly reports.

The Budgeting department is responsible for coordinating the O&M Budget process, providing the necessary information to the Chief Financial Officer and executive management for their review and approval to ensure business plans and goals are met. The O&M Budget reflects the Company's best expectations of the cost of providing service.

Supporting Schedules:

Recap Schedules:

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_ Historical Year Ended 12/31/12
Witness: S. D. Ritenour, R. J. Alexander, M. L. Burroughs, R. W. Grove

VI. FINANCIAL MODEL

Gulf's Financial Model is a complex and detailed computer based model that closely simulates Gulf's actual financial/accounting practices.

Information contained in the approved budgets developed by Gulf's planning process (see page 2 of this schedule) is input to the model as follows:

(1) Energy Budget. The Energy Budget is interfaced with the Financial Model and is used in conjunction with the Fuel and Interchange Budgets in developing fuel revenues on the income statement. The Energy Budget is described in Section II of this schedule.

(2) Fuel Budget. The Fuel Budget is produced by the FUELPRO and PROSYM models as described in Section III of this schedule, which interface with the Financial Model. The Fuel Budget contains the projected fuel expense that is included on the Financial Model's income statement and the projected fuel stockpile amounts that are included on the balance sheet. The Fuel Budget also operates in conjunction with the Energy and Interchange Budgets in projecting the fuel revenues included on the income statement. Additionally, the Fuel Budget is used in deriving a portion of the Other Accounts Payable account contained on the balance sheet.

(3) Interchange Budget. The Interchange Budget is produced by the FUELPRO and PROSYM models as described in Section III of this schedule, which interface with the Financial Model. The Interchange Budget provides the non-territorial sales and purchased power transactions that appear on the model's income statement. In conjunction with the Energy and Fuel Budgets, the Interchange Budget is used to project the Fuel and Capacity Revenues on the income statement. The Interchange Budget is also used in calculating a portion of the Associated Companies Accounts Receivable, Associated Companies Accounts Payable and a portion of the Other Accounts Payable account contained on the balance sheet.

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_ Historical Year Ended 12/31/12
Witness: S. D. Ritenour, R. J. Alexander, M. L. Burroughs, R. W. Grove

(4) Revenue Budget. The Revenue Budget as described in Section II of this schedule, is contained on the income statement of the model and is used in calculating numerous other items on the income statement and balance sheet.

(5) Capital Additions Budget. The Capital Additions Budget is utilized in projecting the Plant-In-Service, Plant Held for Future Use, CWIP, Accumulated Depreciation, and Construction Related Accounts Payable accounts. The Capital Additions Budget is described in Section IV of this schedule.

(6) Operations and Maintenance Budget (excluding Direct Fuel and Purchased Power). The O&M Budget is directly input to the financial model's income statement and is utilized in deriving a portion of the Other Accounts Payable account on the balance sheet. The O&M Budget is described in Section V of this schedule.

Other inputs to the Financial Model such as miscellaneous balance sheet accounts and miscellaneous revenue and expense items are developed by the Corporate Planning Department using trend-line methodologies and expertise from other departments. Corporate Planning is the administrator of the model and is responsible for coordinating and implementing any necessary changes to the model's logic.

The Financial Model is constantly undergoing modifications and enhancements in response to the changing conditions in the utility industry. These adjustments enable the model to continue as an effective tool for use by management in planning and decision-making as well as providing information that is used for rate making purposes.

Schedule F-6 FORECASTING MODELS - SENSITIVITY OF OUTPUT TO CHANGES IN INPUT DATA Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: If a projected test year is used, for each sales forecasting model, give a quantified explanation of the impact of changes in the inputs to changes in outputs.

Type of Data Shown:
_X_ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
___ Historical Year Ended 12/31/12
Witness: R. J. Alexander

(1) Line No.	(2) Input Variable	(3) Percent Change (Input)	(4) Output Variable Affected	(5) Percent Change (Output)
1	RESIDENTIAL			
2				
3	Residential Customer Gains	+10%	Annual Residential kWh	0.1%
4	12-Month Average Real Residential Cents per kWh Increase Index	+10%	Annual Residential kWh	-6.1%
5	12-Month Average Real Residential Cents per kWh Decline Index	-10%	Annual Residential kWh	0.9%
6	Real Disposable Personal Income per Household	+10%	Annual Residential kWh	5.4%
7	Heating Degree Hours	+10%	Annual Residential kWh	1.2%
8	Cooling Degree Hours	+10%	Annual Residential kWh	3.2%
9	SMALL COMMERCIAL			
10				
11	Small Commercial Customer Gains	+10%	Annual Small Commercial kWh	0.1%
12	12-Month Average Real Commercial Cents per kWh	+10%	Annual Small Commercial kWh	-2.2%
13	Non-Manufacturing Employment	+10%	Annual Small Commercial kWh	4.5%
14	Heating Degree Hours	+10%	Annual Small Commercial kWh	0.5%
15	Cooling Degree Hours	+10%	Annual Small Commercial kWh	2.0%
16	LARGE COMMERCIAL			
17				
18	Large Commercial Customer Gains	+10%	Annual Large Commercial kWh	0.1%
19	12-Month Average Real Commercial Cents per kWh	+10%	Annual Large Commercial kWh	-1.7%
20	Non-Manufacturing Employment	+10%	Annual Large Commercial kWh	3.3%
21	Heating Degree Hours	+10%	Annual Large Commercial kWh	0.1%
22	Cooling Degree Hours	+10%	Annual Large Commercial kWh	1.7%

Supporting Schedules: Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

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EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1992 Through 1993
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) ResSales (OUTPUT)	(5) ResSales (INPUT)	(6) RealDisplnc (INPUT)	(7) ResPriceDec (INPUT)	(8) ResPriceInc (INPUT)	(9) Ivan (INPUT)	(10) Isaac (INPUT)	(11) JunJulAug08 (INPUT)
1	1992	NOV		27.623	55.639	8.556	9.154	0	0	0
2	1992	DEC	31.504	32.512	55.443	8.556	9.169	0	0	0
3	1993	JAN	29.295	31.730	54.993	8.556	9.172	0	0	0
4	1993	FEB	34.511	34.534	54.704	8.556	9.213	0	0	0
5	1993	MAR	33.015	34.353	54.797	8.556	9.244	0	0	0
6	1993	APR	29.016	28.261	55.110	8.556	9.257	0	0	0
7	1993	MAY	27.988	26.390	55.338	8.554	9.257	0	0	0
8	1993	JUN	40.270	38.857	55.280	8.554	9.262	0	0	0
9	1993	JUL	49.252	50.708	55.069	8.551	9.262	0	0	0
10	1993	AUG	53.432	53.958	54.948	8.549	9.262	0	0	0
11	1993	SEP	48.971	47.911	55.061	8.540	9.262	0	0	0
12	1993	OCT	38.745	38.282	55.267	8.529	9.262	0	0	0
13	1993	NOV	30.008	30.617	55.334	8.476	9.262	0	0	0
14	1993	DEC	31.966	32.458	55.131	8.422	9.262	0	0	0

VARIABLE	DESCRIPTION
ResSales	Billing Cycle Residential kWh per Customer per Billing Day
RealDisplnc	Real Disposable Personal Income Per Household ($000's)
ResPriceDec	12-Month Average of Real Residential Price Decline Index (cents per kWh)
ResPriceInc	12-Month Average of Real Residential Price Increase Index (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Isaac	Binary Variable for Hurricane Isaac August-September 2012
JunJulAug08	Binary Variable for June-August 2008

Supporting Schedules:

Recap Schedules:

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Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1994 Through 1995
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) ResSales (OUTPUT)	(5) ResSales (INPUT)	(6) RealDisplnc (INPUT)	(7) ResPriceDec (INPUT)	(8) ResPriceInc (INPUT)	(9) Ivan (INPUT)	(10) Isaac (INPUT)	(11) JunJulAug08 (INPUT)
1	1994	JAN	43.366	44.400	54.816	8.380	9.262	0	0	0
2	1994	FEB	38.794	39.011	54.657	8.302	9.262	0	0	0
3	1994	MAR	29.831	29.801	54.791	8.256	9.262	0	0	0
4	1994	APR	28.484	27.815	55.100	8.232	9.262	0	0	0
5	1994	MAY	32.228	31.856	55.367	8.228	9.262	0	0	0
6	1994	JUN	41.378	40.919	55.441	8.203	9.262	0	0	0
7	1994	JUL	46.884	46.852	55.392	8.194	9.262	0	0	0
8	1994	AUG	46.210	46.915	55.360	8.193	9.262	0	0	0
9	1994	SEP	45.091	45.360	55.450	8.193	9.265	0	0	0
10	1994	OCT	36.826	36.479	55.645	8.193	9.265	0	0	0
11	1994	NOV	27.196	27.511	55.894	8.193	9.307	0	0	0
12	1994	DEC	29.070	29.298	56.147	8.193	9.356	0	0	0
13	1995	JAN	35.001	35.737	56.348	8.193	9.403	0	0	0
14	1995	FEB	36.778	37.582	56.435	8.193	9.468	0	0	0
15	1995	MAR	30.133	30.923	56.394	8.193	9.503	0	0	0
16	1995	APR	27.893	27.494	56.299	8.193	9.532	0	0	0
17	1995	MAY	32.075	30.501	56.263	8.193	9.548	0	0	0
18	1995	JUN	43.967	45.354	56.356	8.193	9.568	0	0	0
19	1995	JUL	50.387	48.664	56.526	8.193	9.576	0	0	0
20	1995	AUG	51.870	52.465	56.678	8.193	9.588	0	0	0
21	1995	SEP	51.587	51.348	56.745	8.193	9.596	0	0	0
22	1995	OCT	40.416	39.622	56.773	8.193	9.605	0	0	0
23	1995	NOV	28.882	28.726	56.830	8.185	9.605	0	0	0
24	1995	DEC	32.313	32.429	56.964	8.178	9.605	0	0	0

VARIABLE	DESCRIPTION
ResSales	Billing Cycle Residential kWh per Customer per Billing Day
RealDisplnc	Real Disposable Personal Income Per Household ($000's)
ResPriceDec	12-Month Average of Real Residential Price Decline Index (cents per kWh)
ResPriceInc	12-Month Average of Real Residential Price Increase Index (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Isaac	Binary Variable for Hurricane Isaac August-September 2012
JunJulAug08	Binary Variable for June-August 2008

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1996 Through 1997
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) ResSales (OUTPUT)	(5) ResSales (INPUT)	(6) RealDispInc (INPUT)	(7) ResPriceDec (INPUT)	(8) ResPriceInc (INPUT)	(9) Ivan (INPUT)	(10) Isaac (INPUT)	(11) JunJulAug08 (INPUT)
1	1996	JAN	43.518	44.219	57.147	8.169	9.605	0	0	0
2	1996	FEB	41.785	43.051	57.324	8.142	9.605	0	0	0
3	1996	MAR	35.083	34.883	57.464	8.120	9.605	0	0	0
4	1996	APR	29.446	30.326	57.578	8.097	9.605	0	0	0
5	1996	MAY	32.146	30.237	57.690	8.074	9.605	0	0	0
6	1996	JUN	45.613	44.167	57.812	8.061	9.605	0	0	0
7	1996	JUL	52.815	51.565	57.943	8.051	9.605	0	0	0
8	1996	AUG	52.248	51.386	58.077	8.038	9.605	0	0	0
9	1996	SEP	46.851	47.313	58.200	8.028	9.605	0	0	0
10	1996	OCT	37.561	37.314	58.293	8.019	9.605	0	0	0
11	1996	NOV	29.986	29.370	58.345	8.019	9.607	0	0	0
12	1996	DEC	31.437	31.664	58.344	8.015	9.607	0	0	0
13	1997	JAN	36.457	37.657	58.306	8.013	9.607	0	0	0
14	1997	FEB	36.752	34.022	58.258	8.011	9.607	0	0	0
15	1997	MAR	28.246	29.742	58.227	8.008	9.607	0	0	0
16	1997	APR	28.062	27.509	58.254	8.008	9.609	0	0	0
17	1997	MAY	29.601	27.802	58.391	7.991	9.609	0	0	0
18	1997	JUN	39.512	38.266	58.646	7.975	9.609	0	0	0
19	1997	JUL	49.904	49.588	58.921	7.961	9.609	0	0	0
20	1997	AUG	50.636	50.906	59.078	7.939	9.609	0	0	0
21	1997	SEP	49.324	50.851	59.047	7.914	9.609	0	0	0
22	1997	OCT	41.849	43.935	58.986	7.886	9.609	0	0	0
23	1997	NOV	31.119	31.844	59.110	7.835	9.609	0	0	0
24	1997	DEC	34.241	34.375	59.548	7.789	9.609	0	0	0

VARIABLE	DESCRIPTION
ResSales	Billing Cycle Residential kWh per Customer per Billing Day
RealDispInc	Real Disposable Personal Income Per Household ($000's)
ResPriceDec	12-Month Average of Real Residential Price Decline Index (cents per kWh)
ResPriceInc	12-Month Average of Real Residential Price Increase Index (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Isaac	Binary Variable for Hurricane Isaac August-September 2012
JunJulAug08	Binary Variable for June-August 2008

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1998 Through 1999
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) ResSales (OUTPUT)	(5) ResSales (INPUT)	(6) RealDisplnc (INPUT)	(7) ResPriceDec (INPUT)	(8) ResPriceInc (INPUT)	(9) Ivan (INPUT)	(10) Isaac (INPUT)	(11) JunJulAug08 (INPUT)
1	1998	JAN	37.599	37.600	60.162	7.742	9.609	0	0	0
2	1998	FEB	36.973	36.952	60.688	7.714	9.609	0	0	0
3	1998	MAR	33.263	32.712	61.000	7.687	9.609	0	0	0
4	1998	APR	29.450	29.236	61.136	7.648	9.609	0	0	0
5	1998	MAY	33.588	32.367	61.174	7.579	9.609	0	0	0
6	1998	JUN	50.344	51.327	61.196	7.500	9.609	0	0	0
7	1998	JUL	57.156	56.794	61.215	7.417	9.609	0	0	0
8	1998	AUG	53.399	53.227	61.224	7.346	9.609	0	0	0
9	1998	SEP	49.627	47.541	61.226	7.281	9.609	0	0	0
10	1998	OCT	41.207	45.538	61.243	7.183	9.609	0	0	0
11	1998	NOV	31.893	30.329	61.305	7.183	9.612	0	0	0
12	1998	DEC	29.620	29.384	61.420	7.101	9.612	0	0	0
13	1999	JAN	40.010	38.169	61.568	7.055	9.612	0	0	0
14	1999	FEB	29.965	30.910	61.695	7.000	9.612	0	0	0
15	1999	MAR	32.154	30.588	61.784	6.959	9.612	0	0	0
16	1999	APR	29.930	29.849	61.864	6.911	9.612	0	0	0
17	1999	MAY	33.991	33.905	61.984	6.902	9.612	0	0	0
18	1999	JUN	43.292	43.661	62.159	6.895	9.612	0	0	0
19	1999	JUL	51.124	52.044	62.336	6.895	9.618	0	0	0
20	1999	AUG	56.461	56.174	62.433	6.895	9.621	0	0	0
21	1999	SEP	50.771	51.103	62.419	6.889	9.621	0	0	0
22	1999	OCT	39.277	38.350	62.431	6.889	9.655	0	0	0
23	1999	NOV	30.689	29.979	62.654	6.831	9.655	0	0	0
24	1999	DEC	32.109	32.014	63.181	6.831	9.668	0	0	0

VARIABLE	DESCRIPTION
ResSales	Billing Cycle Residential kWh per Customer per Billing Day
RealDisplnc	Real Disposable Personal Income Per Household ($000's)
ResPriceDec	12-Month Average of Real Residential Price Decline Index (cents per kWh)
ResPriceInc	12-Month Average of Real Residential Price Increase Index (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Isaac	Binary Variable for Hurricane Isaac August-September 2012
JunJulAug08	Binary Variable for June-August 2008

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2000 Through 2001
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) ResSales (OUTPUT)	(5) ResSales (INPUT)	(6) RealDisplnc (INPUT)	(7) ResPriceDec (INPUT)	(8) ResPriceInc (INPUT)	(9) Ivan (INPUT)	(10) Isaac (INPUT)	(11) JunJulAug08 (INPUT)
1	2000	JAN	37.768	36.370	63.821	6.810	9.668	0	0	0
2	2000	FEB	39.984	40.064	64.268	6.810	9.687	0	0	0
3	2000	MAR	30.049	28.426	64.365	6.804	9.687	0	0	0
4	2000	APR	29.151	28.620	64.227	6.804	9.708	0	0	0
5	2000	MAY	33.317	33.351	64.059	6.804	9.732	0	0	0
6	2000	JUN	47.895	48.775	64.013	6.804	9.745	0	0	0
7	2000	JUL	56.655	56.383	64.046	6.804	9.755	0	0	0
8	2000	AUG	56.632	55.441	64.060	6.804	9.766	0	0	0
9	2000	SEP	50.263	51.217	63.993	6.804	9.779	0	0	0
10	2000	OCT	37.865	37.315	63.911	6.804	9.790	0	0	0
11	2000	NOV	32.529	31.983	63.919	6.804	9.805	0	0	0
12	2000	DEC	38.229	38.046	64.062	6.804	9.818	0	0	0
13	2001	JAN	51.521	51.173	64.207	6.804	9.825	0	0	0
14	2001	FEB	38.412	38.376	64.174	6.762	9.825	0	0	0
15	2001	MAR	30.918	30.104	63.902	6.742	9.825	0	0	0
16	2001	APR	30.752	31.879	63.634	6.711	9.825	0	0	0
17	2001	MAY	33.595	33.642	63.752	6.675	9.825	0	0	0
18	2001	JUN	45.906	44.889	64.425	6.651	9.825	0	0	0
19	2001	JUL	50.308	51.065	65.237	6.630	9.825	0	0	0
20	2001	AUG	52.558	53.917	65.582	6.609	9.825	0	0	0
21	2001	SEP	48.640	47.344	65.121	6.590	9.825	0	0	0
22	2001	OCT	36.274	35.210	64.375	6.573	9.825	0	0	0
23	2001	NOV	30.341	29.700	64.108	6.554	9.825	0	0	0
24	2001	DEC	30.923	30.020	64.790	6.536	9.825	0	0	0

VARIABLE	DESCRIPTION
ResSales	Billing Cycle Residential kWh per Customer per Billing Day
RealDisplnc	Real Disposable Personal Income Per Household ($000's)
ResPriceDec	12-Month Average of Real Residential Price Decline Index (cents per kWh)
ResPriceInc	12-Month Average of Real Residential Price Increase Index (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Isaac	Binary Variable for Hurricane Isaac August-September 2012
JunJulAug08	Binary Variable for June-August 2008

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2002 Through 2003
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) ResSales (OUTPUT)	(5) ResSales (INPUT)	(6) RealDispInc (INPUT)	(7) ResPriceDec (INPUT)	(8) ResPriceInc (INPUT)	(9) Ivan (INPUT)	(10) Isaac (INPUT)	(11) JunJulAug08 (INPUT)
1	2002	JAN	43.830	43.992	66.014	6.534	9.825	0	0	0
2	2002	FEB	37.036	36.450	67.011	6.534	9.844	0	0	0
3	2002	MAR	38.213	37.134	67.375	6.534	9.860	0	0	0
4	2002	APR	30.625	31.561	67.259	6.531	9.860	0	0	0
5	2002	MAY	39.409	41.099	66.999	6.531	9.875	0	0	0
6	2002	JUN	46.079	44.625	66.881	6.530	9.875	0	0	0
7	2002	JUL	50.892	53.372	66.944	6.530	9.948	0	0	0
8	2002	AUG	54.090	54.182	67.138	6.530	10.025	0	0	0
9	2002	SEP	51.035	50.576	67.408	6.530	10.102	0	0	0
10	2002	OCT	44.240	45.755	67.680	6.530	10.175	0	0	0
11	2002	NOV	32.299	32.410	67.884	6.530	10.238	0	0	0
12	2002	DEC	37.545	36.868	67.971	6.530	10.319	0	0	0
13	2003	JAN	44.370	44.780	68.011	6.530	10.382	0	0	0
14	2003	FEB	42.822	42.104	68.093	6.530	10.456	0	0	0
15	2003	MAR	30.490	31.421	68.290	6.530	10.521	0	0	0
16	2003	APR	30.790	30.128	68.624	6.530	10.617	0	0	0
17	2003	MAY	36.787	38.759	69.096	6.530	10.701	0	0	0
18	2003	JUN	46.456	48.036	69.669	6.530	10.782	0	0	0
19	2003	JUL	49.875	50.224	70.227	6.530	10.796	0	0	0
20	2003	AUG	50.785	51.870	70.636	6.530	10.805	0	0	0
21	2003	SEP	49.288	50.019	70.805	6.530	10.815	0	0	0
22	2003	OCT	37.864	37.365	70.831	6.530	10.823	0	0	0
23	2003	NOV	31.228	31.601	70.853	6.530	10.845	0	0	0
24	2003	DEC	37.248	37.389	70.979	6.530	10.857	0	0	0

VARIABLE	DESCRIPTION
ResSales	Billing Cycle Residential kWh per Customer per Billing Day
RealDispInc	Real Disposable Personal Income Per Household ($000's)
ResPriceDec	12-Month Average of Real Residential Price Decline Index (cents per kWh)
ResPriceInc	12-Month Average of Real Residential Price Increase Index (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Isaac	Binary Variable for Hurricane Isaac August-September 2012
JunJulAug08	Binary Variable for June-August 2008

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

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Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2004 Through 2005
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) ResSales (OUTPUT)	(5) ResSales (INPUT)	(6) RealDisplnc (INPUT)	(7) ResPriceDec (INPUT)	(8) ResPriceInc (INPUT)	(9) Ivan (INPUT)	(10) Isaac (INPUT)	(11) JunJulAug08 (INPUT)
1	2004	JAN	43.357	42.902	71.196	6.530	10.866	0	0	0
2	2004	FEB	41.894	42.709	71.453	6.530	10.877	0	0	0
3	2004	MAR	34.345	34.450	71.708	6.530	10.885	0	0	0
4	2004	APR	31.276	29.688	71.908	6.527	10.885	0	0	0
5	2004	MAY	32.819	33.871	71.994	6.527	10.891	0	0	0
6	2004	JUN	46.828	48.182	71.949	6.527	10.908	0	0	0
7	2004	JUL	52.503	54.305	71.889	6.527	10.911	0	0	0
8	2004	AUG	53.794	54.119	71.978	6.527	10.912	0	0	0
9	2004	SEP	38.935	39.475	72.289	6.526	10.912	1	0	0
10	2004	OCT	44.040	45.283	72.647	6.526	10.917	0	0	0
11	2004	NOV	33.808	34.811	72.807	6.526	10.917	0	0	0
12	2004	DEC	34.729	34.784	72.622	6.509	10.917	0	0	0
13	2005	JAN	39.806	40.003	72.257	6.509	10.923	0	0	0
14	2005	FEB	37.958	38.168	71.989	6.509	10.947	0	0	0
15	2005	MAR	33.336	33.389	71.968	6.509	10.976	0	0	0
16	2005	APR	29.349	29.429	72.142	6.509	11.001	0	0	0
17	2005	MAY	31.641	32.014	72.375	6.509	11.046	0	0	0
18	2005	JUN	45.832	46.631	72.553	6.509	11.101	0	0	0
19	2005	JUL	53.520	53.169	72.649	6.509	11.146	0	0	0
20	2005	AUG	53.527	54.324	72.656	6.509	11.187	0	0	0
21	2005	SEP	53.305	55.466	72.612	6.509	11.226	0	0	0
22	2005	OCT	47.469	45.885	72.639	6.509	11.258	0	0	0
23	2005	NOV	31.491	32.640	72.888	6.509	11.283	0	0	0
24	2005	DEC	35.403	36.472	73.433	6.509	11.338	0	0	0

VARIABLE	DESCRIPTION
ResSales	Billing Cycle Residential kWh per Customer per Billing Day
RealDisplnc	Real Disposable Personal Income Per Household ($000's)
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Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

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Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2006 Through 2007
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) ResSales (OUTPUT)	(5) ResSales (INPUT)	(6) RealDisplnc (INPUT)	(7) ResPriceDec (INPUT)	(8) ResPriceInc (INPUT)	(9) Ivan (INPUT)	(10) Isaac (INPUT)	(11) JunJulAug08 (INPUT)
1	2006	JAN	37.237	38.032	74.127	6.509	11.379	0	0	0
2	2006	FEB	35.499	35.046	74.706	6.509	11.422	0	0	0
3	2006	MAR	32.430	31.661	75.056	6.509	11.466	0	0	0
4	2006	APR	32.112	31.504	75.216	6.509	11.509	0	0	0
5	2006	MAY	36.241	37.187	75.273	6.509	11.519	0	0	0
6	2006	JUN	49.484	49.195	75.311	6.501	11.519	0	0	0
7	2006	JUL	56.910	57.219	75.363	6.501	11.530	0	0	0
8	2006	AUG	54.990	56.483	75.443	6.501	11.537	0	0	0
9	2006	SEP	51.307	51.987	75.544	6.501	11.550	0	0	0
10	2006	OCT	41.716	40.035	75.639	6.501	11.569	0	0	0
11	2006	NOV	31.197	31.581	75.675	6.501	11.600	0	0	0
12	2006	DEC	35.930	35.638	75.630	6.501	11.619	0	0	0
13	2007	JAN	34.880	35.934	75.542	6.501	11.636	0	0	0
14	2007	FEB	42.940	40.272	75.471	6.501	11.695	0	0	0
15	2007	MAR	32.488	32.641	75.463	6.501	11.731	0	0	0
16	2007	APR	30.752	30.418	75.526	6.501	11.777	0	0	0
17	2007	MAY	34.776	35.143	75.674	6.501	11.832	0	0	0
18	2007	JUN	44.614	44.168	75.900	6.501	11.894	0	0	0
19	2007	JUL	52.924	53.254	76.166	6.501	11.957	0	0	0
20	2007	AUG	56.543	56.427	76.428	6.501	12.018	0	0	0
21	2007	SEP	52.683	51.987	76.633	6.501	12.076	0	0	0
22	2007	OCT	43.667	43.437	76.781	6.501	12.132	0	0	0
23	2007	NOV	30.703	30.120	76.862	6.501	12.182	0	0	0
24	2007	DEC	31.272	31.051	76.918	6.501	12.242	0	0	0

VARIABLE	DESCRIPTION
ResSales	Billing Cycle Residential kWh per Customer per Billing Day
RealDisplnc	Real Disposable Personal Income Per Household ($000's)
ResPriceDec	12-Month Average of Real Residential Price Decline Index (cents per kWh)
ResPriceInc	12-Month Average of Real Residential Price Increase index (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
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Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2008 Through 2009
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) ResSales (OUTPUT)	(5) ResSales (INPUT)	(6) RealDispInc (INPUT)	(7) ResPriceDec (INPUT)	(8) ResPriceInc (INPUT)	(9) Ivan (INPUT)	(10) Isaac (INPUT)	(11) JunJulAug08 (INPUT)
1	2008	JAN	38.666	37.890	77.123	6.501	12.314	0	0	0
2	2008	FEB	38.067	37.708	77.658	6.480	12.314	0	0	0
3	2008	MAR	33.028	31.496	78.590	6.480	12.314	0	0	0
4	2008	APR	29.608	29.572	79.550	6.476	12.314	0	0	0
5	2008	MAY	34.146	32.241	79.986	6.468	12.314	0	0	0
6	2008	JUN	45.759	46.338	79.576	6.463	12.314	0	0	1
7	2008	JUL	51.254	50.886	78.600	6.444	12.314	0	0	1
8	2008	AUG	52.922	50.844	77.517	6.431	12.314	0	0	1
9	2008	SEP	50.300	48.451	76.711	6.420	12.314	0	0	0
10	2008	OCT	37.373	36.989	76.120	6.420	12.386	0	0	0
11	2008	NOV	29.737	30.011	75.587	6.420	12.467	0	0	0
12	2008	DEC	33.987	33.761	75.020	6.420	12.548	0	0	0
13	2009	JAN	33.994	33.509	74.538	6.420	12.614	0	0	0
14	2009	FEB	38.827	38.010	74.335	6.420	12.775	0	0	0
15	2009	MAR	31.136	31.838	74.480	6.420	12.922	0	0	0
16	2009	APR	26.717	27.629	74.802	6.420	13.091	0	0	0
17	2009	MAY	32.866	33.057	75.017	6.420	13.258	0	0	0
18	2009	JUN	44.100	44.859	74.947	6.420	13.412	0	0	0
19	2009	JUL	53.882	54.282	74.723	6.420	13.579	0	0	0
20	2009	AUG	49.216	50.304	74.586	6.420	13.718	0	0	0
21	2009	SEP	43.555	43.172	74.705	6.420	13.865	0	0	0
22	2009	OCT	40.362	41.353	75.032	6.420	13.937	0	0	0
23	2009	NOV	28.389	28.665	75.448	6.420	13.991	0	0	0
24	2009	DEC	31.743	32.552	75.860	6.420	14.049	0	0	0

VARIABLE	DESCRIPTION
ResSales	Billing Cycle Residential kWh per Customer per Billing Day
RealDispInc	Real Disposable Personal Income Per Household ($000's)
ResPriceDec	12-Month Average of Real Residential Price Decline Index (cents per kWh)
ResPriceInc	12-Month Average of Real Residential Price Increase Index (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Isaac	Binary Variable for Hurricane Isaac August-September 2012
JunJulAug08	Binary Variable for June-August 2008

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2010 Through 2011
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) ResSales (OUTPUT)	(5) ResSales (INPUT)	(6) RealDisplnc (INPUT)	(7) ResPriceDec (INPUT)	(8) ResPriceInc (INPUT)	(9) Ivan (INPUT)	(10) Isaac (INPUT)	(11) JunJulAug08 (INPUT)
1	2010	JAN	46.684	45.956	76.232	6.420	14.109	0	0	0
2	2010	FEB	41.917	42.724	76.520	6.405	14.109	0	0	0
3	2010	MAR	38.224	39.436	76.736	6.403	14.109	0	0	0
4	2010	APR	27.687	27.424	76.887	6.376	14.109	0	0	0
5	2010	MAY	31.208	32.534	76.988	6.376	14.114	0	0	0
6	2010	JUN	45.967	46.194	77.048	6.376	14.126	0	0	0
7	2010	JUL	52.556	51.585	77.077	6.375	14.126	0	0	0
8	2010	AUG	55.970	54.331	77.079	6.375	14.154	0	0	0
9	2010	SEP	47.846	48.968	77.063	6.375	14.168	0	0	0
10	2010	OCT	38.740	36.959	77.047	6.375	14.179	0	0	0
11	2010	NOV	28.234	29.098	77.057	6.375	14.209	0	0	0
12	2010	DEC	35.162	35.039	77.104	6.375	14.222	0	0	0
13	2011	JAN	43.382	43.539	77.195	6.375	14.231	0	0	0
14	2011	FEB	40.845	42.618	77.312	6.338	14.231	0	0	0
15	2011	MAR	29.839	29.156	77.447	6.297	14.231	0	0	0
16	2011	APR	28.542	28.812	77.552	6.281	14.231	0	0	0
17	2011	MAY	32.923	33.697	77.556	6.235	14.231	0	0	0
18	2011	JUN	47.150	46.795	77.431	6.178	14.231	0	0	0
19	2011	JUL	53.984	52.293	77.270	6.132	14.231	0	0	0
20	2011	AUG	53.523	52.582	77.193	6.086	14.231	0	0	0
21	2011	SEP	47.183	46.080	77.276	6.044	14.231	0	0	0
22	2011	OCT	33.949	34.380	77.425	6.011	14.231	0	0	0
23	2011	NOV	27.860	26.981	77.496	5.992	14.231	0	0	0
24	2011	DEC	30.071	30.291	77.393	5.987	14.231	0	0	0

VARIABLE	DESCRIPTION
ResSales	Billing Cycle Residential kWh per Customer per Billing Day
RealDisplnc	Real Disposable Personal Income Per Household ($000's)
ResPriceDec	12-Month Average of Real Residential Price Decline Index (cents per kWh)
ResPriceInc	12-Month Average of Real Residential Price Increase Index (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Isaac	Binary Variable for Hurricane Isaac August-September 2012
JunJulAug08	Binary Variable for June-August 2008

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
_X_ Prior Year Ended 12/31/13
_X_ Historical Year 2012
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) ResSales (OUTPUT)	(5) ResSales (INPUT)	(6) RealDispInc (INPUT)	(7) ResPriceDec (INPUT)	(8) ResPriceInc (INPUT)	(9) Ivan (INPUT)	(10) Isaac (INPUT)	(11) JunJulAug08 (INPUT)
1	2012	JAN	30.866	30.927	77.135	5.987	14.233	0	0	0
2	2012	FEB	28.683	30.417	76.810	5.987	14.254	0	0	0
3	2012	MAR	27.478	28.353	76.479	5.987	14.311	0	0	0
4	2012	APR	28.473	29.840	76.197	5.969	14.311	0	0	0
5	2012	MAY	33.982	33.207	76.039	5.963	14.311	0	0	0
6	2012	JUN	45.328	43.811	76.045	5.963	14.326	0	0	0
7	2012	JUL	49.045	48.549	76.174	5.963	14.332	0	0	0
8	2012	AUG	48.353	48.125	76.362	5.899	14.332	0	1	0
9	2012	SEP	44.043	43.806	76.537	5.838	14.332	0	1	0
10	2012	OCT	36.779	35.945	76.619	5.765	14.332	0	0	0
11	2012	NOV	28.062		76.527	5.667	14.332	0	0	0
12	2012	DEC	31.237		76.228	5.571	14.332	0	0	0
13	2013	JAN	37.600		75.848	5.473	14.332	0	0	0
14	2013	FEB	36.053		75.573	5.395	14.332	0	0	0
15	2013	MAR	30.293		75.501	5.278	14.332	0	0	0
16	2013	APR	27.654		75.568	5.218	14.332	0	0	0
17	2013	MAY	31.628		75.667	5.151	14.332	0	0	0
18	2013	JUN	43.640		75.713	5.072	14.332	0	0	0
19	2013	JUL	50.897		75.732	5.001	14.332	0	0	0
20	2013	AUG	51.561		75.780	4.993	14.332	0	0	0
21	2013	SEP	47.574		75.892	4.985	14.332	0	0	0
22	2013	OCT	38.279		76.045	4.985	14.339	0	0	0
23	2013	NOV	28.888		76.193	4.985	14.351	0	0	0
24	2013	DEC	31.841		76.306	4.985	14.351	0	0	0

VARIABLE	DESCRIPTION
ResSales	Billing Cycle Residential kWh per Customer per Billing Day
RealDispInc	Real Disposable Personal Income Per Household ($000's)
ResPriceDec	12-Month Average of Real Residential Price Decline Index (cents per kWh)
ResPriceInc	12-Month Average of Real Residential Price Increase Index (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Isaac	Binary Variable for Hurricane Isaac August-September 2012
JunJulAug08	Binary Variable for June-August 2008

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
_X_ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
___ Historical Year 2012
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) ResSales (OUTPUT)	(5) ResSales (INPUT)	(6) RealDisplnc (INPUT)	(7) ResPriceDec (INPUT)	(8) ResPriceInc (INPUT)	(9) Ivan (INPUT)	(10) Isaac (INPUT)	(11) JunJulAug08 (INPUT)
1	2014	JAN	38.140		76.396	4.985	14.355	0	0	0
2	2014	FEB	36.472		76.480	4.985	14.427	0	0	0
3	2014	MAR	30.543		76.585	4.985	14.500	0	0	0
4	2014	APR	27.755		76.716	4.985	14.575	0	0	0
5	2014	MAY	31.576		76.869	4.985	14.651	0	0	0
6	2014	JUN	43.450		77.041	4.985	14.725	0	0	0
7	2014	JUL	50.587		77.217	4.985	14.797	0	0	0
8	2014	AUG	51.167		77.382	4.985	14.868	0	0	0
9	2014	SEP	47.073		77.521	4.985	14.939	0	0	0
10	2014	OCT	37.674		77.658	4.985	15.012	0	0	0
11	2014	NOV	28.188		77.806	4.985	15.086	0	0	0
12	2014	DEC	31.041		77.985	4.985	15.162	0	0	0

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VARIABLE	DESCRIPTION
ResSales	Billing Cycle Residential kWh per Customer per Billing Day
RealDisplnc	Real Disposable Personal Income Per Household ($000's)
ResPriceDec	12-Month Average of Real Residential Price Decline Index (cents per kWh)
ResPriceInc	12-Month Average of Real Residential Price Increase Index (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Isaac	Binary Variable for Hurricane Isaac August-September 2012
JunJulAug08	Binary Variable for June-August 2008

Supporting Schedules: Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1992 Through 1993
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_03 (INPUT)	(5) CDHBD_04 (INPUT)	(6) CDHBD_05 (INPUT)	(7) CDHBD_06 (INPUT)	(8) CDHBD_07 (INPUT)	(9) CDHBD_08 (INPUT)	(10) CDHBD_09 (INPUT)	(11) CDHBD_10 (INPUT)	(12) CDHBD_11 (INPUT)	(13) CDHBD_12 (INPUT)
1	1992	NOV	0	0	0	0	0	0	0	0	69	0
2	1992	DEC	0	0	0	0	0	0	0	0	0	15
3	1993	JAN	0	0	0	0	0	0	0	0	0	0
4	1993	FEB	0	0	0	0	0	0	0	0	0	0
5	1993	MAR	8	0	0	0	0	0	0	0	0	0
6	1993	APR	0	31	0	0	0	0	0	0	0	0
7	1993	MAY	0	0	86	0	0	0	0	0	0	0
8	1993	JUN	0	0	0	238	0	0	0	0	0	0
9	1993	JUL	0	0	0	0	343	0	0	0	0	0
10	1993	AUG	0	0	0	0	0	375	0	0	0	0
11	1993	SEP	0	0	0	0	0	0	337	0	0	0
12	1993	OCT	0	0	0	0	0	0	0	215	0	0
13	1993	NOV	0	0	0	0	0	0	0	0	78	0
14	1993	DEC	0	0	0	0	0	0	0	0	0	21

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Residential Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

Supporting Schedules: Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1994 Through 1995
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_03 (INPUT)	(5) CDHBD_04 (INPUT)	(6) CDHBD_05 (INPUT)	(7) CDHBD_06 (INPUT)	(8) CDHBD_07 (INPUT)	(9) CDHBD_08 (INPUT)	(10) CDHBD_09 (INPUT)	(11) CDHBD_10 (INPUT)	(12) CDHBD_11 (INPUT)	(13) CDHBD_12 (INPUT)
1	1994	JAN	0	0	0	0	0	0	0	0	0	0
2	1994	FEB	0	0	0	0	0	0	0	0	0	0
3	1994	MAR	21	0	0	0	0	0	0	0	0	0
4	1994	APR	0	54	0	0	0	0	0	0	0	0
5	1994	MAY	0	0	147	0	0	0	0	0	0	0
6	1994	JUN	0	0	0	243	0	0	0	0	0	0
7	1994	JUL	0	0	0	0	303	0	0	0	0	0
8	1994	AUG	0	0	0	0	0	289	0	0	0	0
9	1994	SEP	0	0	0	0	0	0	285	0	0	0
10	1994	OCT	0	0	0	0	0	0	0	180	0	0
11	1994	NOV	0	0	0	0	0	0	0	0	77	0
12	1994	DEC	0	0	0	0	0	0	0	0	0	35
13	1995	JAN	0	0	0	0	0	0	0	0	0	0
14	1995	FEB	0	0	0	0	0	0	0	0	0	0
15	1995	MAR	14	0	0	0	0	0	0	0	0	0
16	1995	APR	0	52	0	0	0	0	0	0	0	0
17	1995	MAY	0	0	143	0	0	0	0	0	0	0
18	1995	JUN	0	0	0	283	0	0	0	0	0	0
19	1995	JUL	0	0	0	0	340	0	0	0	0	0
20	1995	AUG	0	0	0	0	0	364	0	0	0	0
21	1995	SEP	0	0	0	0	0	0	372	0	0	0
22	1995	OCT	0	0	0	0	0	0	0	232	0	0
23	1995	NOV	0	0	0	0	0	0	0	0	79	0
24	1995	DEC	0	0	0	0	0	0	0	0	0	21

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Residential Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1996 Through 1997
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_03 (INPUT)	(5) CDHBD_04 (INPUT)	(6) CDHBD_05 (INPUT)	(7) CDHBD_06 (INPUT)	(8) CDHBD_07 (INPUT)	(9) CDHBD_08 (INPUT)	(10) CDHBD_09 (INPUT)	(11) CDHBD_10 (INPUT)	(12) CDHBD_11 (INPUT)	(13) CDHBD_12 (INPUT)
1	1996	JAN	0	0	0	0	0	0	0	0	0	0
2	1996	FEB	0	0	0	0	0	0	0	0	0	0
3	1996	MAR	21	0	0	0	0	0	0	0	0	0
4	1996	APR	0	22	0	0	0	0	0	0	0	0
5	1996	MAY	0	0	133	0	0	0	0	0	0	0
6	1996	JUN	0	0	0	298	0	0	0	0	0	0
7	1996	JUL	0	0	0	0	379	0	0	0	0	0
8	1996	AUG	0	0	0	0	0	367	0	0	0	0
9	1996	SEP	0	0	0	0	0	0	316	0	0	0
10	1996	OCT	0	0	0	0	0	0	0	190	0	0
11	1996	NOV	0	0	0	0	0	0	0	0	94	0
12	1996	DEC	0	0	0	0	0	0	0	0	0	31
13	1997	JAN	0	0	0	0	0	0	0	0	0	0
14	1997	FEB	0	0	0	0	0	0	0	0	0	0
15	1997	MAR	46	0	0	0	0	0	0	0	0	0
16	1997	APR	0	65	0	0	0	0	0	0	0	0
17	1997	MAY	0	0	102	0	0	0	0	0	0	0
18	1997	JUN	0	0	0	221	0	0	0	0	0	0
19	1997	JUL	0	0	0	0	340	0	0	0	0	0
20	1997	AUG	0	0	0	0	0	339	0	0	0	0
21	1997	SEP	0	0	0	0	0	0	335	0	0	0
22	1997	OCT	0	0	0	0	0	0	0	231	0	0
23	1997	NOV	0	0	0	0	0	0	0	0	50	0
24	1997	DEC	0	0	0	0	0	0	0	0	0	8

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Residential Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

Supporting Schedules: Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1998 Through 1999
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_03 (INPUT)	(5) CDHBD_04 (INPUT)	(6) CDHBD_05 (INPUT)	(7) CDHBD_06 (INPUT)	(8) CDHBD_07 (INPUT)	(9) CDHBD_08 (INPUT)	(10) CDHBD_09 (INPUT)	(11) CDHBD_10 (INPUT)	(12) CDHBD_11 (INPUT)	(13) CDHBD_12 (INPUT)
1	1998	JAN	0	0	0	0	0	0	0	0	0	0
2	1998	FEB	0	0	0	0	0	0	0	0	0	0
3	1998	MAR	7	0	0	0	0	0	0	0	0	0
4	1998	APR	0	44	0	0	0	0	0	0	0	0
5	1998	MAY	0	0	145	0	0	0	0	0	0	0
6	1998	JUN	0	0	0	341	0	0	0	0	0	0
7	1998	JUL	0	0	0	0	403	0	0	0	0	0
8	1998	AUG	0	0	0	0	0	355	0	0	0	0
9	1998	SEP	0	0	0	0	0	0	326	0	0	0
10	1998	OCT	0	0	0	0	0	0	0	229	0	0
11	1998	NOV	0	0	0	0	0	0	0	0	93	0
12	1998	DEC	0	0	0	0	0	0	0	0	0	45
13	1999	JAN	0	0	0	0	0	0	0	0	0	0
14	1999	FEB	0	0	0	0	0	0	0	0	0	0
15	1999	MAR	13	0	0	0	0	0	0	0	0	0
16	1999	APR	0	65	0	0	0	0	0	0	0	0
17	1999	MAY	0	0	143	0	0	0	0	0	0	0
18	1999	JUN	0	0	0	239	0	0	0	0	0	0
19	1999	JUL	0	0	0	0	323	0	0	0	0	0
20	1999	AUG	0	0	0	0	0	378	0	0	0	0
21	1999	SEP	0	0	0	0	0	0	331	0	0	0
22	1999	OCT	0	0	0	0	0	0	0	185	0	0
23	1999	NOV	0	0	0	0	0	0	0	0	67	0
24	1999	DEC	0	0	0	0	0	0	0	0	0	17

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Residential Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2000 Through 2001
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_03 (INPUT)	(5) CDHBD_04 (INPUT)	(6) CDHBD_05 (INPUT)	(7) CDHBD_06 (INPUT)	(8) CDHBD_07 (INPUT)	(9) CDHBD_08 (INPUT)	(10) CDHBD_09 (INPUT)	(11) CDHBD_10 (INPUT)	(12) CDHBD_11 (INPUT)	(13) CDHBD_12 (INPUT)
1	2000	JAN	0	0	0	0	0	0	0	0	0	0
2	2000	FEB	0	0	0	0	0	0	0	0	0	0
3	2000	MAR	29	0	0	0	0	0	0	0	0	0
4	2000	APR	0	52	0	0	0	0	0	0	0	0
5	2000	MAY	0	0	131	0	0	0	0	0	0	0
6	2000	JUN	0	0	0	293	0	0	0	0	0	0
7	2000	JUL	0	0	0	0	384	0	0	0	0	0
8	2000	AUG	0	0	0	0	0	382	0	0	0	0
9	2000	SEP	0	0	0	0	0	0	329	0	0	0
10	2000	OCT	0	0	0	0	0	0	0	164	0	0
11	2000	NOV	0	0	0	0	0	0	0	0	93	0
12	2000	DEC	0	0	0	0	0	0	0	0	0	11
13	2001	JAN	0	0	0	0	0	0	0	0	0	0
14	2001	FEB	0	0	0	0	0	0	0	0	0	0
15	2001	MAR	20	0	0	0	0	0	0	0	0	0
16	2001	APR	0	53	0	0	0	0	0	0	0	0
17	2001	MAY	0	0	124	0	0	0	0	0	0	0
18	2001	JUN	0	0	0	262	0	0	0	0	0	0
19	2001	JUL	0	0	0	0	311	0	0	0	0	0
20	2001	AUG	0	0	0	0	0	326	0	0	0	0
21	2001	SEP	0	0	0	0	0	0	289	0	0	0
22	2001	OCT	0	0	0	0	0	0	0	147	0	0
23	2001	NOV	0	0	0	0	0	0	0	0	71	0
24	2001	DEC	0	0	0	0	0	0	0	0	0	43

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Residential Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2002 Through 2003
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_03 (INPUT)	(5) CDHBD_04 (INPUT)	(6) CDHBD_05 (INPUT)	(7) CDHBD_06 (INPUT)	(8) CDHBD_07 (INPUT)	(9) CDHBD_08 (INPUT)	(10) CDHBD_09 (INPUT)	(11) CDHBD_10 (INPUT)	(12) CDHBD_11 (INPUT)	(13) CDHBD_12 (INPUT)
1	2002	JAN	0	0	0	0	0	0	0	0	0	0
2	2002	FEB	0	0	0	0	0	0	0	0	0	0
3	2002	MAR	11	0	0	0	0	0	0	0	0	0
4	2002	APR	0	56	0	0	0	0	0	0	0	0
5	2002	MAY	0	0	197	0	0	0	0	0	0	0
6	2002	JUN	0	0	0	248	0	0	0	0	0	0
7	2002	JUL	0	0	0	0	313	0	0	0	0	0
8	2002	AUG	0	0	0	0	0	333	0	0	0	0
9	2002	SEP	0	0	0	0	0	0	319	0	0	0
10	2002	OCT	0	0	0	0	0	0	0	239	0	0
11	2002	NOV	0	0	0	0	0	0	0	0	73	0
12	2002	DEC	0	0	0	0	0	0	0	0	0	8
13	2003	JAN	0	0	0	0	0	0	0	0	0	0
14	2003	FEB	0	0	0	0	0	0	0	0	0	0
15	2003	MAR	18	0	0	0	0	0	0	0	0	0
16	2003	APR	0	57	0	0	0	0	0	0	0	0
17	2003	MAY	0	0	174	0	0	0	0	0	0	0
18	2003	JUN	0	0	0	261	0	0	0	0	0	0
19	2003	JUL	0	0	0	0	290	0	0	0	0	0
20	2003	AUG	0	0	0	0	0	301	0	0	0	0
21	2003	SEP	0	0	0	0	0	0	296	0	0	0
22	2003	OCT	0	0	0	0	0	0	0	153	0	0
23	2003	NOV	0	0	0	0	0	0	0	0	91	0
24	2003	DEC	0	0	0	0	0	0	0	0	0	24

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Residential Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2004 Through 2005
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_03 (INPUT)	(5) CDHBD_04 (INPUT)	(6) CDHBD_05 (INPUT)	(7) CDHBD_06 (INPUT)	(8) CDHBD_07 (INPUT)	(9) CDHBD_08 (INPUT)	(10) CDHBD_09 (INPUT)	(11) CDHBD_10 (INPUT)	(12) CDHBD_11 (INPUT)	(13) CDHBD_12 (INPUT)
1	2004	JAN	0	0	0	0	0	0	0	0	0	0
2	2004	FEB	0	0	0	0	0	0	0	0	0	0
3	2004	MAR	17	0	0	0	0	0	0	0	0	0
4	2004	APR	0	45	0	0	0	0	0	0	0	0
5	2004	MAY	0	0	117	0	0	0	0	0	0	0
6	2004	JUN	0	0	0	268	0	0	0	0	0	0
7	2004	JUL	0	0	0	0	323	0	0	0	0	0
8	2004	AUG	0	0	0	0	0	329	0	0	0	0
9	2004	SEP	0	0	0	0	0	0	290	0	0	0
10	2004	OCT	0	0	0	0	0	0	0	228	0	0
11	2004	NOV	0	0	0	0	0	0	0	0	124	0
12	2004	DEC	0	0	0	0	0	0	0	0	0	26
13	2005	JAN	0	0	0	0	0	0	0	0	0	0
14	2005	FEB	0	0	0	0	0	0	0	0	0	0
15	2005	MAR	11	0	0	0	0	0	0	0	0	0
16	2005	APR	0	29	0	0	0	0	0	0	0	0
17	2005	MAY	0	0	92	0	0	0	0	0	0	0
18	2005	JUN	0	0	0	257	0	0	0	0	0	0
19	2005	JUL	0	0	0	0	340	0	0	0	0	0
20	2005	AUG	0	0	0	0	0	341	0	0	0	0
21	2005	SEP	0	0	0	0	0	0	353	0	0	0
22	2005	OCT	0	0	0	0	0	0	0	270	0	0
23	2005	NOV	0	0	0	0	0	0	0	0	79	0
24	2005	DEC	0	0	0	0	0	0	0	0	0	27

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Residential Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2006 Through 2007
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_03 (INPUT)	(5) CDHBD_04 (INPUT)	(6) CDHBD_05 (INPUT)	(7) CDHBD_06 (INPUT)	(8) CDHBD_07 (INPUT)	(9) CDHBD_08 (INPUT)	(10) CDHBD_09 (INPUT)	(11) CDHBD_10 (INPUT)	(12) CDHBD_11 (INPUT)	(13) CDHBD_12 (INPUT)
1	2006	JAN	0	0	0	0	0	0	0	0	0	0
2	2006	FEB	0	0	0	0	0	0	0	0	0	0
3	2006	MAR	31	0	0	0	0	0	0	0	0	0
4	2006	APR	0	86	0	0	0	0	0	0	0	0
5	2006	MAY	0	0	164	0	0	0	0	0	0	0
6	2006	JUN	0	0	0	301	0	0	0	0	0	0
7	2006	JUL	0	0	0	0	385	0	0	0	0	0
8	2006	AUG	0	0	0	0	0	355	0	0	0	0
9	2006	SEP	0	0	0	0	0	0	320	0	0	0
10	2006	OCT	0	0	0	0	0	0	0	200	0	0
11	2006	NOV	0	0	0	0	0	0	0	0	54	0
12	2006	DEC	0	0	0	0	0	0	0	0	0	12
13	2007	JAN	0	0	0	0	0	0	0	0	0	0
14	2007	FEB	0	0	0	0	0	0	0	0	0	0
15	2007	MAR	20	0	0	0	0	0	0	0	0	0
16	2007	APR	0	63	0	0	0	0	0	0	0	0
17	2007	MAY	0	0	147	0	0	0	0	0	0	0
18	2007	JUN	0	0	0	248	0	0	0	0	0	0
19	2007	JUL	0	0	0	0	344	0	0	0	0	0
20	2007	AUG	0	0	0	0	0	380	0	0	0	0
21	2007	SEP	0	0	0	0	0	0	353	0	0	0
22	2007	OCT	0	0	0	0	0	0	0	243	0	0
23	2007	NOV	0	0	0	0	0	0	0	0	70	0
24	2007	DEC	0	0	0	0	0	0	0	0	0	19

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Residential Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2008 Through 2009
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_03 (INPUT)	(5) CDHBD_04 (INPUT)	(6) CDHBD_05 (INPUT)	(7) CDHBD_06 (INPUT)	(8) CDHBD_07 (INPUT)	(9) CDHBD_08 (INPUT)	(10) CDHBD_09 (INPUT)	(11) CDHBD_10 (INPUT)	(12) CDHBD_11 (INPUT)	(13) CDHBD_12 (INPUT)
1	2008	JAN	0	0	0	0	0	0	0	0	0	0
2	2008	FEB	0	0	0	0	0	0	0	0	0	0
3	2008	MAR	10	0	0	0	0	0	0	0	0	0
4	2008	APR	0	43	0	0	0	0	0	0	0	0
5	2008	MAY	0	0	133	0	0	0	0	0	0	0
6	2008	JUN	0	0	0	318	0	0	0	0	0	0
7	2008	JUL	0	0	0	0	368	0	0	0	0	0
8	2008	AUG	0	0	0	0	0	387	0	0	0	0
9	2008	SEP	0	0	0	0	0	0	339	0	0	0
10	2008	OCT	0	0	0	0	0	0	0	182	0	0
11	2008	NOV	0	0	0	0	0	0	0	0	47	0
12	2008	DEC	0	0	0	0	0	0	0	0	0	15
13	2009	JAN	0	0	0	0	0	0	0	0	0	0
14	2009	FEB	0	0	0	0	0	0	0	0	0	0
15	2009	MAR	19	0	0	0	0	0	0	0	0	0
16	2009	APR	0	38	0	0	0	0	0	0	0	0
17	2009	MAY	0	0	142	0	0	0	0	0	0	0
18	2009	JUN	0	0	0	270	0	0	0	0	0	0
19	2009	JUL	0	0	0	0	382	0	0	0	0	0
20	2009	AUG	0	0	0	0	0	325	0	0	0	0
21	2009	SEP	0	0	0	0	0	0	270	0	0	0
22	2009	OCT	0	0	0	0	0	0	0	236	0	0
23	2009	NOV	0	0	0	0	0	0	0	0	69	0
24	2009	DEC	0	0	0	0	0	0	0	0	0	9

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Residential Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2010 Through 2011
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_03 (INPUT)	(5) CDHBD_04 (INPUT)	(6) CDHBD_05 (INPUT)	(7) CDHBD_06 (INPUT)	(8) CDHBD_07 (INPUT)	(9) CDHBD_08 (INPUT)	(10) CDHBD_09 (INPUT)	(11) CDHBD_10 (INPUT)	(12) CDHBD_11 (INPUT)	(13) CDHBD_12 (INPUT)
1	2010	JAN	0	0	0	0	0	0	0	0	0	0
2	2010	FEB	0	0	0	0	0	0	0	0	0	0
3	2010	MAR	1	0	0	0	0	0	0	0	0	0
4	2010	APR	0	33	0	0	0	0	0	0	0	0
5	2010	MAY	0	0	133	0	0	0	0	0	0	0
6	2010	JUN	0	0	0	295	0	0	0	0	0	0
7	2010	JUL	0	0	0	0	369	0	0	0	0	0
8	2010	AUG	0	0	0	0	0	413	0	0	0	0
9	2010	SEP	0	0	0	0	0	0	340	0	0	0
10	2010	OCT	0	0	0	0	0	0	0	213	0	0
11	2010	NOV	0	0	0	0	0	0	0	0	94	0
12	2010	DEC	0	0	0	0	0	0	0	0	0	22
13	2011	JAN	0	0	0	0	0	0	0	0	0	0
14	2011	FEB	0	0	0	0	0	0	0	0	0	0
15	2011	MAR	28	0	0	0	0	0	0	0	0	0
16	2011	APR	0	89	0	0	0	0	0	0	0	0
17	2011	MAY	0	0	157	0	0	0	0	0	0	0
18	2011	JUN	0	0	0	312	0	0	0	0	0	0
19	2011	JUL	0	0	0	0	390	0	0	0	0	0
20	2011	AUG	0	0	0	0	0	388	0	0	0	0
21	2011	SEP	0	0	0	0	0	0	328	0	0	0
22	2011	OCT	0	0	0	0	0	0	0	161	0	0
23	2011	NOV	0	0	0	0	0	0	0	0	52	0
24	2011	DEC	0	0	0	0	0	0	0	0	0	22

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Residential Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
_X_ Prior Year Ended 12/31/13
_X_ Historical Year 2012
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_03 (INPUT)	(5) CDHBD_04 (INPUT)	(6) CDHBD_05 (INPUT)	(7) CDHBD_06 (INPUT)	(8) CDHBD_07 (INPUT)	(9) CDHBD_08 (INPUT)	(10) CDHBD_09 (INPUT)	(11) CDHBD_10 (INPUT)	(12) CDHBD_11 (INPUT)	(13) CDHBD_12 (INPUT)
1	2012	JAN	0	0	0	0	0	0	0	0	0	0
2	2012	FEB	0	0	0	0	0	0	0	0	0	0
3	2012	MAR	37	0	0	0	0	0	0	0	0	0
4	2012	APR	0	104	0	0	0	0	0	0	0	0
5	2012	MAY	0	0	166	0	0	0	0	0	0	0
6	2012	JUN	0	0	0	298	0	0	0	0	0	0
7	2012	JUL	0	0	0	0	342	0	0	0	0	0
8	2012	AUG	0	0	0	0	0	353	0	0	0	0
9	2012	SEP	0	0	0	0	0	0	314	0	0	0
10	2012	OCT	0	0	0	0	0	0	0	192	0	0
11	2012	NOV	0	0	0	0	0	0	0	0	76	0
12	2012	DEC	0	0	0	0	0	0	0	0	0	21
13	2013	JAN	0	0	0	0	0	0	0	0	0	0
14	2013	FEB	0	0	0	0	0	0	0	0	0	0
15	2013	MAR	19	0	0	0	0	0	0	0	0	0
16	2013	APR	0	54	0	0	0	0	0	0	0	0
17	2013	MAY	0	0	139	0	0	0	0	0	0	0
18	2013	JUN	0	0	0	271	0	0	0	0	0	0
19	2013	JUL	0	0	0	0	350	0	0	0	0	0
20	2013	AUG	0	0	0	0	0	353	0	0	0	0
21	2013	SEP	0	0	0	0	0	0	321	0	0	0
22	2013	OCT	0	0	0	0	0	0	0	203	0	0
23	2013	NOV	0	0	0	0	0	0	0	0	76	0
24	2013	DEC	0	0	0	0	0	0	0	0	0	21

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Residential Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
_X_ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
___ Historical Year 2012
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_03 (INPUT)	(5) CDHBD_04 (INPUT)	(6) CDHBD_05 (INPUT)	(7) CDHBD_06 (INPUT)	(8) CDHBD_07 (INPUT)	(9) CDHBD_08 (INPUT)	(10) CDHBD_09 (INPUT)	(11) CDHBD_10 (INPUT)	(12) CDHBD_11 (INPUT)	(13) CDHBD_12 (INPUT)
1	2014	JAN	0	0	0	0	0	0	0	0	0	0
2	2014	FEB	0	0	0	0	0	0	0	0	0	0
3	2014	MAR	19	0	0	0	0	0	0	0	0	0
4	2014	APR	0	54	0	0	0	0	0	0	0	0
5	2014	MAY	0	0	139	0	0	0	0	0	0	0
6	2014	JUN	0	0	0	271	0	0	0	0	0	0
7	2014	JUL	0	0	0	0	350	0	0	0	0	0
8	2014	AUG	0	0	0	0	0	353	0	0	0	0
9	2014	SEP	0	0	0	0	0	0	321	0	0	0
10	2014	OCT	0	0	0	0	0	0	0	203	0	0
11	2014	NOV	0	0	0	0	0	0	0	0	76	0
12	2014	DEC	0	0	0	0	0	0	0	0	0	21

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Residential Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1992 Through 1993
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) HDHBD_01 (INPUT)	(5) HDHBD_02 (INPUT)	(6) HDHBD_03 (INPUT)	(7) HDHBD_04 (INPUT)	(8) HDHBD_11 (INPUT)	(9) HDHBD_12 (INPUT)
1	1992	NOV	0	0	0	0	41	0
2	1992	DEC	0	0	0	0	0	138
3	1993	JAN	90	0	0	0	0	0
4	1993	FEB	0	150	0	0	0	0
5	1993	MAR	0	0	144	0	0	0
6	1993	APR	0	0	0	65	0	0
7	1993	MAY	0	0	0	0	0	0
8	1993	JUN	0	0	0	0	0	0
9	1993	JUL	0	0	0	0	0	0
10	1993	AUG	0	0	0	0	0	0
11	1993	SEP	0	0	0	0	0	0
12	1993	OCT	0	0	0	0	0	0
13	1993	NOV	0	0	0	0	71	0
14	1993	DEC	0	0	0	0	0	135

VARIABLE	DESCRIPTION
HDHBD_XX	Billing Cycle Residential Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1994 Through 1995
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) HDHBD_01 (INPUT)	(5) HDHBD_02 (INPUT)	(6) HDHBD_03 (INPUT)	(7) HDHBD_04 (INPUT)	(8) HDHBD_11 (INPUT)	(9) HDHBD_12 (INPUT)
1	1994	JAN	272	0	0	0	0	0
2	1994	FEB	0	213	0	0	0	0
3	1994	MAR	0	0	91	0	0	0
4	1994	APR	0	0	0	45	0	0
5	1994	MAY	0	0	0	0	0	0
6	1994	JUN	0	0	0	0	0	0
7	1994	JUL	0	0	0	0	0	0
8	1994	AUG	0	0	0	0	0	0
9	1994	SEP	0	0	0	0	0	0
10	1994	OCT	0	0	0	0	0	0
11	1994	NOV	0	0	0	0	13	0
12	1994	DEC	0	0	0	0	0	72
13	1995	JAN	162	0	0	0	0	0
14	1995	FEB	0	186	0	0	0	0
15	1995	MAR	0	0	96	0	0	0
16	1995	APR	0	0	0	33	0	0
17	1995	MAY	0	0	0	0	0	0
18	1995	JUN	0	0	0	0	0	0
19	1995	JUL	0	0	0	0	0	0
20	1995	AUG	0	0	0	0	0	0
21	1995	SEP	0	0	0	0	0	0
22	1995	OCT	0	0	0	0	0	0
23	1995	NOV	0	0	0	0	50	0
24	1995	DEC	0	0	0	0	0	144

VARIABLE	DESCRIPTION
HDHBD_XX	Billing Cycle Residential Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1996 Through 1997
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) HDHBD_01 (INPUT)	(5) HDHBD_02 (INPUT)	(6) HDHBD_03 (INPUT)	(7) HDHBD_04 (INPUT)	(8) HDHBD_11 (INPUT)	(9) HDHBD_12 (INPUT)
1	1996	JAN	275	0	0	0	0	0
2	1996	FEB	0	252	0	0	0	0
3	1996	MAR	0	0	156	0	0	0
4	1996	APR	0	0	0	81	0	0
5	1996	MAY	0	0	0	0	0	0
6	1996	JUN	0	0	0	0	0	0
7	1996	JUL	0	0	0	0	0	0
8	1996	AUG	0	0	0	0	0	0
9	1996	SEP	0	0	0	0	0	0
10	1996	OCT	0	0	0	0	0	0
11	1996	NOV	0	0	0	0	42	0
12	1996	DEC	0	0	0	0	0	115
13	1997	JAN	179	0	0	0	0	0
14	1997	FEB	0	179	0	0	0	0
15	1997	MAR	0	0	63	0	0	0
16	1997	APR	0	0	0	22	0	0
17	1997	MAY	0	0	0	0	0	0
18	1997	JUN	0	0	0	0	0	0
19	1997	JUL	0	0	0	0	0	0
20	1997	AUG	0	0	0	0	0	0
21	1997	SEP	0	0	0	0	0	0
22	1997	OCT	0	0	0	0	0	0
23	1997	NOV	0	0	0	0	75	0
24	1997	DEC	0	0	0	0	0	155

VARIABLE	DESCRIPTION
HDHBD_XX	Billing Cycle Residential Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1998 Through 1999
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) HDHBD_01 (INPUT)	(5) HDHBD_02 (INPUT)	(6) HDHBD_03 (INPUT)	(7) HDHBD_04 (INPUT)	(8) HDHBD_11 (INPUT)	(9) HDHBD_12 (INPUT)
1	1998	JAN	179	0	0	0	0	0
2	1998	FEB	0	175	0	0	0	0
3	1998	MAR	0	0	131	0	0	0
4	1998	APR	0	0	0	51	0	0
5	1998	MAY	0	0	0	0	0	0
6	1998	JUN	0	0	0	0	0	0
7	1998	JUL	0	0	0	0	0	0
8	1998	AUG	0	0	0	0	0	0
9	1998	SEP	0	0	0	0	0	0
10	1998	OCT	0	0	0	0	0	0
11	1998	NOV	0	0	0	0	24	0
12	1998	DEC	0	0	0	0	0	46
13	1999	JAN	206	0	0	0	0	0
14	1999	FEB	0	87	0	0	0	0
15	1999	MAR	0	0	102	0	0	0
16	1999	APR	0	0	0	37	0	0
17	1999	MAY	0	0	0	0	0	0
18	1999	JUN	0	0	0	0	0	0
19	1999	JUL	0	0	0	0	0	0
20	1999	AUG	0	0	0	0	0	0
21	1999	SEP	0	0	0	0	0	0
22	1999	OCT	0	0	0	0	0	0
23	1999	NOV	0	0	0	0	50	0
24	1999	DEC	0	0	0	0	0	109

VARIABLE	DESCRIPTION
HDHBD_XX	Billing Cycle Residential Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2000 Through 2001
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) HDHBD_01 (INPUT)	(5) HDHBD_02 (INPUT)	(6) HDHBD_03 (INPUT)	(7) HDHBD_04 (INPUT)	(8) HDHBD_11 (INPUT)	(9) HDHBD_12 (INPUT)
1	2000	JAN	170	0	0	0	0	0
2	2000	FEB	0	207	0	0	0	0
3	2000	MAR	0	0	57	0	0	0
4	2000	APR	0	0	0	31	0	0
5	2000	MAY	0	0	0	0	0	0
6	2000	JUN	0	0	0	0	0	0
7	2000	JUL	0	0	0	0	0	0
8	2000	AUG	0	0	0	0	0	0
9	2000	SEP	0	0	0	0	0	0
10	2000	OCT	0	0	0	0	0	0
11	2000	NOV	0	0	0	0	52	0
12	2000	DEC	0	0	0	0	0	208
13	2001	JAN	348	0	0	0	0	0
14	2001	FEB	0	183	0	0	0	0
15	2001	MAR	0	0	77	0	0	0
16	2001	APR	0	0	0	51	0	0
17	2001	MAY	0	0	0	0	0	0
18	2001	JUN	0	0	0	0	0	0
19	2001	JUL	0	0	0	0	0	0
20	2001	AUG	0	0	0	0	0	0
21	2001	SEP	0	0	0	0	0	0
22	2001	OCT	0	0	0	0	0	0
23	2001	NOV	0	0	0	0	39	0
24	2001	DEC	0	0	0	0	0	61

VARIABLE	DESCRIPTION
HDHBD_XX	Billing Cycle Residential Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2002 Through 2003
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) HDHBD_01 (INPUT)	(5) HDHBD_02 (INPUT)	(6) HDHBD_03 (INPUT)	(7) HDHBD_04 (INPUT)	(8) HDHBD_11 (INPUT)	(9) HDHBD_12 (INPUT)
1	2002	JAN	246	0	0	0	0	0
2	2002	FEB	0	153	0	0	0	0
3	2002	MAR	0	0	174	0	0	0
4	2002	APR	0	0	0	35	0	0
5	2002	MAY	0	0	0	0	0	0
6	2002	JUN	0	0	0	0	0	0
7	2002	JUL	0	0	0	0	0	0
8	2002	AUG	0	0	0	0	0	0
9	2002	SEP	0	0	0	0	0	0
10	2002	OCT	0	0	0	0	0	0
11	2002	NOV	0	0	0	0	43	0
12	2002	DEC	0	0	0	0	0	183
13	2003	JAN	251	0	0	0	0	0
14	2003	FEB	0	233	0	0	0	0
15	2003	MAR	0	0	71	0	0	0
16	2003	APR	0	0	0	35	0	0
17	2003	MAY	0	0	0	0	0	0
18	2003	JUN	0	0	0	0	0	0
19	2003	JUL	0	0	0	0	0	0
20	2003	AUG	0	0	0	0	0	0
21	2003	SEP	0	0	0	0	0	0
22	2003	OCT	0	0	0	0	0	0
23	2003	NOV	0	0	0	0	20	0
24	2003	DEC	0	0	0	0	0	166

VARIABLE	DESCRIPTION
HDHBD_XX	Billing Cycle Residential Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2004 Through 2005
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) HDHBD_01 (INPUT)	(5) HDHBD_02 (INPUT)	(6) HDHBD_03 (INPUT)	(7) HDHBD_04 (INPUT)	(8) HDHBD_11 (INPUT)	(9) HDHBD_12 (INPUT)
1	2004	JAN	233	0	0	0	0	0
2	2004	FEB	0	221	0	0	0	0
3	2004	MAR	0	0	113	0	0	0
4	2004	APR	0	0	0	47	0	0
5	2004	MAY	0	0	0	0	0	0
6	2004	JUN	0	0	0	0	0	0
7	2004	JUL	0	0	0	0	0	0
8	2004	AUG	0	0	0	0	0	0
9	2004	SEP	0	0	0	0	0	0
10	2004	OCT	0	0	0	0	0	0
11	2004	NOV	0	0	0	0	14	0
12	2004	DEC	0	0	0	0	0	110
13	2005	JAN	182	0	0	0	0	0
14	2005	FEB	0	164	0	0	0	0
15	2005	MAR	0	0	105	0	0	0
16	2005	APR	0	0	0	35	0	0
17	2005	MAY	0	0	0	0	0	0
18	2005	JUN	0	0	0	0	0	0
19	2005	JUL	0	0	0	0	0	0
20	2005	AUG	0	0	0	0	0	0
21	2005	SEP	0	0	0	0	0	0
22	2005	OCT	0	0	0	0	0	0
23	2005	NOV	0	0	0	0	43	0
24	2005	DEC	0	0	0	0	0	132

VARIABLE	DESCRIPTION
HDHBD_XX	Billing Cycle Residential Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2006 Through 2007
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) HDHBD_01 (INPUT)	(5) HDHBD_02 (INPUT)	(6) HDHBD_03 (INPUT)	(7) HDHBD_04 (INPUT)	(8) HDHBD_11 (INPUT)	(9) HDHBD_12 (INPUT)
1	2006	JAN	148	0	0	0	0	0
2	2006	FEB	0	127	0	0	0	0
3	2006	MAR	0	0	80	0	0	0
4	2006	APR	0	0	0	33	0	0
5	2006	MAY	0	0	0	0	0	0
6	2006	JUN	0	0	0	0	0	0
7	2006	JUL	0	0	0	0	0	0
8	2006	AUG	0	0	0	0	0	0
9	2006	SEP	0	0	0	0	0	0
10	2006	OCT	0	0	0	0	0	0
11	2006	NOV	0	0	0	0	62	0
12	2006	DEC	0	0	0	0	0	159
13	2007	JAN	128	0	0	0	0	0
14	2007	FEB	0	230	0	0	0	0
15	2007	MAR	0	0	107	0	0	0
16	2007	APR	0	0	0	38	0	0
17	2007	MAY	0	0	0	0	0	0
18	2007	JUN	0	0	0	0	0	0
19	2007	JUL	0	0	0	0	0	0
20	2007	AUG	0	0	0	0	0	0
21	2007	SEP	0	0	0	0	0	0
22	2007	OCT	0	0	0	0	0	0
23	2007	NOV	0	0	0	0	44	0
24	2007	DEC	0	0	0	0	0	94

VARIABLE	DESCRIPTION
HDHBD_XX	Billing Cycle Residential Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2008 Through 2009
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) HDHBD_01 (INPUT)	(5) HDHBD_02 (INPUT)	(6) HDHBD_03 (INPUT)	(7) HDHBD_04 (INPUT)	(8) HDHBD_11 (INPUT)	(9) HDHBD_12 (INPUT)
1	2008	JAN	186	0	0	0	0	0
2	2008	FEB	0	182	0	0	0	0
3	2008	MAR	0	0	113	0	0	0
4	2008	APR	0	0	0	41	0	0
5	2008	MAY	0	0	0	0	0	0
6	2008	JUN	0	0	0	0	0	0
7	2008	JUL	0	0	0	0	0	0
8	2008	AUG	0	0	0	0	0	0
9	2008	SEP	0	0	0	0	0	0
10	2008	OCT	0	0	0	0	0	0
11	2008	NOV	0	0	0	0	70	0
12	2008	DEC	0	0	0	0	0	152
13	2009	JAN	139	0	0	0	0	0
14	2009	FEB	0	210	0	0	0	0
15	2009	MAR	0	0	110	0	0	0
16	2009	APR	0	0	0	25	0	0
17	2009	MAY	0	0	0	0	0	0
18	2009	JUN	0	0	0	0	0	0
19	2009	JUL	0	0	0	0	0	0
20	2009	AUG	0	0	0	0	0	0
21	2009	SEP	0	0	0	0	0	0
22	2009	OCT	0	0	0	0	0	0
23	2009	NOV	0	0	0	0	46	0
24	2009	DEC	0	0	0	0	0	147

VARIABLE	DESCRIPTION
HDHBD_XX	Billing Cycle Residential Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules: Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2010 Through 2011
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) HDHBD_01 (INPUT)	(5) HDHBD_02 (INPUT)	(6) HDHBD_03 (INPUT)	(7) HDHBD_04 (INPUT)	(8) HDHBD_11 (INPUT)	(9) HDHBD_12 (INPUT)
1	2010	JAN	317	0	0	0	0	0
2	2010	FEB	0	267	0	0	0	0
3	2010	MAR	0	0	227	0	0	0
4	2010	APR	0	0	0	49	0	0
5	2010	MAY	0	0	0	0	0	0
6	2010	JUN	0	0	0	0	0	0
7	2010	JUL	0	0	0	0	0	0
8	2010	AUG	0	0	0	0	0	0
9	2010	SEP	0	0	0	0	0	0
10	2010	OCT	0	0	0	0	0	0
11	2010	NOV	0	0	0	0	38	0
12	2010	DEC	0	0	0	0	0	191
13	2011	JAN	280	0	0	0	0	0
14	2011	FEB	0	250	0	0	0	0
15	2011	MAR	0	0	84	0	0	0
16	2011	APR	0	0	0	23	0	0
17	2011	MAY	0	0	0	0	0	0
18	2011	JUN	0	0	0	0	0	0
19	2011	JUL	0	0	0	0	0	0
20	2011	AUG	0	0	0	0	0	0
21	2011	SEP	0	0	0	0	0	0
22	2011	OCT	0	0	0	0	0	0
23	2011	NOV	0	0	0	0	56	0
24	2011	DEC	0	0	0	0	0	114

VARIABLE	DESCRIPTION
HDHBD_XX	Billing Cycle Residential Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
_X_ Prior Year Ended 12/31/13
_X_ Historical Year 2012
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) HDHBD_01 (INPUT)	(5) HDHBD_02 (INPUT)	(6) HDHBD_03 (INPUT)	(7) HDHBD_04 (INPUT)	(8) HDHBD_11 (INPUT)	(9) HDHBD_12 (INPUT)
1	2012	JAN	117	0	0	0	0	0
2	2012	FEB	0	91	0	0	0	0
3	2012	MAR	0	0	48	0	0	0
4	2012	APR	0	0	0	4	0	0
5	2012	MAY	0	0	0	0	0	0
6	2012	JUN	0	0	0	0	0	0
7	2012	JUL	0	0	0	0	0	0
8	2012	AUG	0	0	0	0	0	0
9	2012	SEP	0	0	0	0	0	0
10	2012	OCT	0	0	0	0	0	0
11	2012	NOV	0	0	0	0	45	0
12	2012	DEC	0	0	0	0	0	132
13	2013	JAN	205	0	0	0	0	0
14	2013	FEB	0	188	0	0	0	0
15	2013	MAR	0	0	107	0	0	0
16	2013	APR	0	0	0	39	0	0
17	2013	MAY	0	0	0	0	0	0
18	2013	JUN	0	0	0	0	0	0
19	2013	JUL	0	0	0	0	0	0
20	2013	AUG	0	0	0	0	0	0
21	2013	SEP	0	0	0	0	0	0
22	2013	OCT	0	0	0	0	0	0
23	2013	NOV	0	0	0	0	45	0
24	2013	DEC	0	0	0	0	0	132

VARIABLE	DESCRIPTION
HDHBD_XX	Billing Cycle Residential Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
X Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
___ Historical Year 2012
Witness: R. J. Alexander

FORECASTING MODEL: RESIDENTIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) HDHBD_01 (INPUT)	(5) HDHBD_02 (INPUT)	(6) HDHBD_03 (INPUT)	(7) HDHBD_04 (INPUT)	(8) HDHBD_11 (INPUT)	(9) HDHBD_12 (INPUT)
1	2014	JAN	205	0	0	0	0	0
2	2014	FEB	0	188	0	0	0	0
3	2014	MAR	0	0	107	0	0	0
4	2014	APR	0	0	0	39	0	0
5	2014	MAY	0	0	0	0	0	0
6	2014	JUN	0	0	0	0	0	0
7	2014	JUL	0	0	0	0	0	0
8	2014	AUG	0	0	0	0	0	0
9	2014	SEP	0	0	0	0	0	0
10	2014	OCT	0	0	0	0	0	0
11	2014	NOV	0	0	0	0	45	0
12	2014	DEC	0	0	0	0	0	132

VARIABLE	DESCRIPTION
HDHBD_XX	Billing Cycle Residential Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1992 Through 1993
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) SmComSales (OUTPUT)	(5) SmComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) Bin_0897 (INPUT)	(10) HDHBD_01 (INPUT)	(11) HDHBD_02 (INPUT)	(12) HDHBD_03 (INPUT)	(13) HDHBD_12 (INPUT)
1	1992	NOV		21.177	229.070	7.334	0	0	0	0	0	0
2	1992	DEC	21.185	20.474	229.700	7.344	0	0	0	0	0	138
3	1993	JAN	20.379	20.234	230.400	7.354	0	0	90	0	0	0
4	1993	FEB	22.175	22.007	231.210	7.378	0	0	0	150	0	0
5	1993	MAR	21.078	19.565	232.170	7.403	0	0	0	0	144	0
6	1993	APR	18.114	20.029	233.120	7.437	0	0	0	0	0	0
7	1993	MAY	21.560	20.215	233.750	7.432	0	0	0	0	0	0
8	1993	JUN	26.749	26.506	233.930	7.442	0	0	0	0	0	0
9	1993	JUL	30.994	32.235	233.970	7.452	0	0	0	0	0	0
10	1993	AUG	33.465	33.250	234.300	7.456	0	0	0	0	0	0
11	1993	SEP	31.353	30.995	235.190	7.428	0	0	0	0	0	0
12	1993	OCT	26.755	27.153	236.430	7.421	0	0	0	0	0	0
13	1993	NOV	21.167	21.093	237.640	7.373	0	0	0	0	0	0
14	1993	DEC	21.071	21.286	238.550	7.329	0	0	0	0	0	135

VARIABLE	DESCRIPTION
SmComSales	Billing Cycle Small Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Bin_0897	Binary Variable for August 1997
HDHBD_XX	Billing Cycle Small Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1994 Through 1995
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) SmComSales (OUTPUT)	(5) SmComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) Bin_0897 (INPUT)	(10) HDHBD_01 (INPUT)	(11) HDHBD_02 (INPUT)	(12) HDHBD_03 (INPUT)	(13) HDHBD_12 (INPUT)
1	1994	JAN	25.826	25.848	239.270	7.284	0	0	272	0	0	0
2	1994	FEB	24.659	24.891	239.960	7.232	0	0	0	213	0	0
3	1994	MAR	20.854	20.504	240.780	7.195	0	0	0	0	91	0
4	1994	APR	20.307	20.655	241.730	7.154	0	0	0	0	0	0
5	1994	MAY	23.719	23.451	242.680	7.145	0	0	0	0	0	0
6	1994	JUN	27.979	28.195	243.540	7.119	0	0	0	0	0	0
7	1994	JUL	30.647	30.331	244.280	7.110	0	0	0	0	0	0
8	1994	AUG	30.137	29.827	244.920	7.110	0	0	0	0	0	0
9	1994	SEP	29.572	29.981	245.420	7.099	0	0	0	0	0	0
10	1994	OCT	26.167	26.065	245.840	7.110	0	0	0	0	0	0
11	1994	NOV	21.455	21.156	246.210	7.145	0	0	0	0	0	0
12	1994	DEC	20.089	20.913	246.550	7.173	0	0	0	0	0	72
13	1995	JAN	23.544	22.558	246.810	7.196	0	0	162	0	0	0
14	1995	FEB	23.701	24.160	246.920	7.242	0	0	0	186	0	0
15	1995	MAR	21.000	21.779	246.870	7.264	0	0	0	0	96	0
16	1995	APR	20.955	20.932	246.880	7.279	0	0	0	0	0	0
17	1995	MAY	23.807	22.670	247.250	7.284	0	0	0	0	0	0
18	1995	JUN	29.094	30.583	248.090	7.301	0	0	0	0	0	0
19	1995	JUL	32.625	31.824	249.040	7.302	0	0	0	0	0	0
20	1995	AUG	33.135	32.523	249.580	7.309	0	0	0	0	0	0
21	1995	SEP	32.718	33.313	249.400	7.321	0	0	0	0	0	0
22	1995	OCT	28.205	27.870	248.960	7.318	0	0	0	0	0	0
23	1995	NOV	21.373	21.342	248.940	7.309	0	0	0	0	0	0
24	1995	DEC	21.529	21.468	249.770	7.309	0	0	0	0	0	144

VARIABLE	DESCRIPTION
SmComSales	Billing Cycle Small Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
ivan	Binary Variable for Hurricane Ivan September 2004
Bin_0897	Binary Variable for August 1997
HDHBD_XX	Billing Cycle Small Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1996 Through 1997
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) SmComSales (OUTPUT)	(5) SmComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) Bin_0897 (INPUT)	(10) HDHBD_01 (INPUT)	(11) HDHBD_02 (INPUT)	(12) HDHBD_03 (INPUT)	(13) HDHBD_12 (INPUT)
1	1996	JAN	26.086	27.021	251.130	7.310	0	0	275	0	0	0
2	1996	FEB	26.593	26.314	252.380	7.273	0	0	0	252	0	0
3	1996	MAR	22.607	23.303	253.160	7.267	0	0	0	0	156	0
4	1996	APR	20.326	21.232	253.590	7.266	0	0	0	0	0	0
5	1996	MAY	24.333	22.542	253.950	7.255	0	0	0	0	0	0
6	1996	JUN	29.902	30.096	254.470	7.239	0	0	0	0	0	0
7	1996	JUL	33.603	32.909	255.210	7.226	0	0	0	0	0	0
8	1996	AUG	33.157	32.280	256.190	7.203	0	0	0	0	0	0
9	1996	SEP	30.558	30.737	257.290	7.194	0	0	0	0	0	0
10	1996	OCT	26.506	26.567	258.270	7.172	0	0	0	0	0	0
11	1996	NOV	22.289	21.165	258.800	7.161	0	0	0	0	0	0
12	1996	DEC	20.747	21.044	258.690	7.159	0	0	0	0	0	115
13	1997	JAN	23.774	24.033	258.300	7.148	0	0	179	0	0	0
14	1997	FEB	24.346	21.713	258.160	7.152	0	0	0	179	0	0
15	1997	MAR	19.175	21.000	258.560	7.133	0	0	0	0	63	0
16	1997	APR	21.578	20.486	259.320	7.108	0	0	0	0	0	0
17	1997	MAY	22.261	20.467	260.060	7.070	0	0	0	0	0	0
18	1997	JUN	26.492	25.908	260.510	7.044	0	0	0	0	0	0
19	1997	JUL	31.457	34.174	260.770	7.028	0	0	0	0	0	0
20	1997	AUG	28.446	28.142	261.070	7.014	0	1	0	0	0	0
21	1997	SEP	32.833	32.332	261.570	6.990	0	0	0	0	0	0
22	1997	OCT	28.767	29.322	262.200	6.966	0	0	0	0	0	0
23	1997	NOV	21.682	21.764	262.820	6.929	0	0	0	0	0	0
24	1997	DEC	22.897	21.913	263.340	6.894	0	0	0	0	0	155

VARIABLE	DESCRIPTION
SmComSales	Billing Cycle Small Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Bin_0897	Binary Variable for August 1997
HDHBD_XX	Billing Cycle Small Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1998 Through 1999
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) SmComSales (OUTPUT)	(5) SmComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) Bin_0897 (INPUT)	(10) HDHBD_01 (INPUT)	(11) HDHBD_02 (INPUT)	(12) HDHBD_03 (INPUT)	(13) HDHBD_12 (INPUT)
1	1998	JAN	24.065	23.275	263.870	6.842	0	0	179	0	0	0
2	1998	FEB	23.994	25.273	264.490	6.822	0	0	0	175	0	0
3	1998	MAR	23.067	21.159	265.290	6.795	0	0	0	0	131	0
4	1998	APR	20.372	22.546	266.100	6.756	0	0	0	0	0	0
5	1998	MAY	25.493	25.479	266.620	6.697	0	0	0	0	0	0
6	1998	JUN	33.451	34.561	266.720	6.625	0	0	0	0	0	0
7	1998	JUL	36.623	39.446	266.650	6.552	0	0	0	0	0	0
8	1998	AUG	36.451	35.367	266.800	6.497	0	0	0	0	0	0
9	1998	SEP	33.478	33.337	267.410	6.438	0	0	0	0	0	0
10	1998	OCT	29.791	34.010	268.140	6.365	0	0	0	0	0	0
11	1998	NOV	26.219	25.986	268.500	6.344	0	0	0	0	0	0
12	1998	DEC	22.856	24.426	268.200	6.249	0	0	0	0	0	46
13	1999	JAN	27.726	27.466	267.540	6.196	0	0	206	0	0	0
14	1999	FEB	23.897	20.849	267.070	6.136	0	0	0	87	0	0
15	1999	MAR	21.468	24.260	267.070	6.072	0	0	0	0	102	0
16	1999	APR	23.478	25.246	267.430	6.028	0	0	0	0	0	0
17	1999	MAY	26.869	28.096	267.870	6.020	0	0	0	0	0	0
18	1999	JUN	31.394	32.626	268.180	6.017	0	0	0	0	0	0
19	1999	JUL	34.861	37.219	268.380	6.018	0	0	0	0	0	0
20	1999	AUG	38.016	38.619	268.600	6.010	0	0	0	0	0	0
21	1999	SEP	35.208	36.477	268.900	6.007	0	0	0	0	0	0
22	1999	OCT	29.900	29.889	269.220	6.029	0	0	0	0	0	0
23	1999	NOV	24.035	26.801	269.440	6.000	0	0	0	0	0	0
24	1999	DEC	25.082	24.373	269.540	6.011	0	0	0	0	0	109

VARIABLE	DESCRIPTION
SmComSales	Billing Cycle Small Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Bin_0897	Binary Variable for August 1997
HDHBD_XX	Billing Cycle Small Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2000 Through 2001
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) SmComSales (OUTPUT)	(5) SmComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) Bin_0897 (INPUT)	(10) HDHBD_01 (INPUT)	(11) HDHBD_02 (INPUT)	(12) HDHBD_03 (INPUT)	(13) HDHBD_12 (INPUT)
1	2000	JAN	26.132	25.542	269.660	6.009	0	0	170	0	0	0
2	2000	FEB	26.688	28.745	270.030	6.022	0	0	0	207	0	0
3	2000	MAR	23.337	23.688	270.780	6.036	0	0	0	0	57	0
4	2000	APR	23.376	20.336	271.730	6.044	0	0	0	0	0	0
5	2000	MAY	23.799	26.558	272.570	6.060	0	0	0	0	0	0
6	2000	JUN	32.795	33.373	273.100	6.072	0	0	0	0	0	0
7	2000	JUL	36.473	33.614	273.260	6.086	0	0	0	0	0	0
8	2000	AUG	34.587	35.515	273.100	6.097	0	0	0	0	0	0
9	2000	SEP	33.162	34.628	272.720	6.104	0	0	0	0	0	0
10	2000	OCT	28.016	26.447	272.440	6.106	0	0	0	0	0	0
11	2000	NOV	23.295	23.445	272.630	6.120	0	0	0	0	0	0
12	2000	DEC	24.399	24.704	273.480	6.138	0	0	0	0	0	208
13	2001	JAN	29.908	31.306	274.680	6.159	0	0	348	0	0	0
14	2001	FEB	26.796	24.978	275.630	6.135	0	0	0	183	0	0
15	2001	MAR	21.944	21.917	276.070	6.118	0	0	0	0	77	0
16	2001	APR	22.118	22.977	276.160	6.098	0	0	0	0	0	0
17	2001	MAY	25.209	24.865	276.230	6.076	0	0	0	0	0	0
18	2001	JUN	30.799	30.056	276.500	6.054	0	0	0	0	0	0
19	2001	JUL	32.453	29.700	276.870	6.033	0	0	0	0	0	0
20	2001	AUG	31.829	33.506	277.130	6.009	0	0	0	0	0	0
21	2001	SEP	31.871	30.327	277.130	5.988	0	0	0	0	0	0
22	2001	OCT	25.780	24.596	276.980	5.971	0	0	0	0	0	0
23	2001	NOV	21.983	21.161	276.860	5.948	0	0	0	0	0	0
24	2001	DEC	20.843	20.755	276.910	5.925	0	0	0	0	0	61

VARIABLE	DESCRIPTION
SmComSales	Billing Cycle Small Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Bin_0897	Binary Variable for August 1997
HDHBD_XX	Billing Cycle Small Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2002 Through 2003
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) SmComSales (OUTPUT)	(5) SmComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) Bin_0897 (INPUT)	(10) HDHBD_01 (INPUT)	(11) HDHBD_02 (INPUT)	(12) HDHBD_03 (INPUT)	(13) HDHBD_12 (INPUT)
1	2002	JAN	26.614	25.608	277.170	5.898	0	0	246	0	0	0
2	2002	FEB	24.180	23.551	277.610	5.913	0	0	0	153	0	0
3	2002	MAR	23.732	23.146	278.200	5.923	0	0	0	0	174	0
4	2002	APR	21.775	22.427	278.810	5.945	0	0	0	0	0	0
5	2002	MAY	27.248	27.228	279.230	5.960	0	0	0	0	0	0
6	2002	JUN	30.328	28.575	279.370	5.966	0	0	0	0	0	0
7	2002	JUL	31.956	32.512	279.410	6.018	0	0	0	0	0	0
8	2002	AUG	33.754	33.329	279.690	6.072	0	0	0	0	0	0
9	2002	SEP	32.740	31.337	280.370	6.124	0	0	0	0	0	0
10	2002	OCT	29.344	30.319	281.260	6.171	0	0	0	0	0	0
11	2002	NOV	23.314	22.153	282.020	6.212	0	0	0	0	0	0
12	2002	DEC	23.626	23.030	282.440	6.267	0	0	0	0	0	183
13	2003	JAN	26.680	25.904	282.640	6.330	0	0	251	0	0	0
14	2003	FEB	26.431	26.441	282.810	6.373	0	0	0	233	0	0
15	2003	MAR	21.858	21.908	283.150	6.422	0	0	0	0	71	0
16	2003	APR	22.316	21.397	283.830	6.461	0	0	0	0	0	0
17	2003	MAY	25.803	25.887	284.960	6.506	0	0	0	0	0	0
18	2003	JUN	30.418	30.292	286.560	6.558	0	0	0	0	0	0
19	2003	JUL	31.861	31.313	288.320	6.566	0	0	0	0	0	0
20	2003	AUG	32.369	32.165	289.810	6.579	0	0	0	0	0	0
21	2003	SEP	31.975	31.947	290.730	6.587	0	0	0	0	0	0
22	2003	OCT	26.895	26.783	291.400	6.597	0	0	0	0	0	0
23	2003	NOV	23.881	23.180	292.300	6.615	0	0	0	0	0	0
24	2003	DEC	23.697	23.494	293.700	6.624	0	0	0	0	0	166

VARIABLE	DESCRIPTION
SmComSales	Billing Cycle Small Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Bin_0897	Binary Variable for August 1997
HDHBD_XX	Billing Cycle Small Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2004 Through 2005
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) SmComSales (OUTPUT)	(5) SmComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) Bin_0897 (INPUT)	(10) HDHBD_01 (INPUT)	(11) HDHBD_02 (INPUT)	(12) HDHBD_03 (INPUT)	(13) HDHBD_12 (INPUT)
1	2004	JAN	26.862	25.511	295.430	6.628	0	0	233	0	0	0
2	2004	FEB	26.336	26.172	297.000	6.643	0	0	0	221	0	0
3	2004	MAR	23.004	22.927	298.210	6.647	0	0	0	0	113	0
4	2004	APR	22.232	21.037	299.140	6.657	0	0	0	0	0	0
5	2004	MAY	24.165	23.839	299.990	6.660	0	0	0	0	0	0
6	2004	JUN	30.744	30.679	300.840	6.673	0	0	0	0	0	0
7	2004	JUL	33.353	33.317	301.530	6.681	0	0	0	0	0	0
8	2004	AUG	34.047	33.977	301.790	6.683	0	0	0	0	0	0
9	2004	SEP	26.812	26.500	301.490	6.688	1	0	0	0	0	0
10	2004	OCT	30.116	29.602	301.110	6.701	0	0	0	0	0	0
11	2004	NOV	24.954	24.541	301.230	6.726	0	0	0	0	0	0
12	2004	DEC	22.942	22.771	302.260	6.715	0	0	0	0	0	110
13	2005	JAN	25.833	24.892	303.920	6.713	0	0	182	0	0	0
14	2005	FEB	25.295	25.200	305.570	6.733	0	0	0	164	0	0
15	2005	MAR	23.300	23.278	306.920	6.759	0	0	0	0	105	0
16	2005	APR	22.168	22.295	308.000	6.783	0	0	0	0	0	0
17	2005	MAY	24.491	23.603	308.900	6.824	0	0	0	0	0	0
18	2005	JUN	30.744	30.702	309.760	6.872	0	0	0	0	0	0
19	2005	JUL	34.343	33.331	310.790	6.918	0	0	0	0	0	0
20	2005	AUG	34.218	34.342	312.230	6.970	0	0	0	0	0	0
21	2005	SEP	34.770	34.604	314.110	7.018	0	0	0	0	0	0
22	2005	OCT	32.088	31.160	316.140	7.061	0	0	0	0	0	0
23	2005	NOV	23.627	23.933	317.860	7.075	0	0	0	0	0	0
24	2005	DEC	23.990	24.357	318.940	7.126	0	0	0	0	0	132

VARIABLE	DESCRIPTION
SmComSales	Billing Cycle Small Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Bin_0897	Binary Variable for August 1997
HDHBD_XX	Billing Cycle Small Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2006 Through 2007
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) SmComSales (OUTPUT)	(5) SmComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) Bin_0897 (INPUT)	(10) HDHBD_01 (INPUT)	(11) HDHBD_02 (INPUT)	(12) HDHBD_03 (INPUT)	(13) HDHBD_12 (INPUT)
1	2006	JAN	25.728	25.098	319.410	7.171	0	0	148	0	0	0
2	2006	FEB	24.968	24.447	319.420	7.208	0	0	0	127	0	0
3	2006	MAR	22.942	22.899	319.140	7.245	0	0	0	0	80	0
4	2006	APR	23.965	23.928	318.760	7.279	0	0	0	0	0	0
5	2006	MAY	26.764	28.341	318.510	7.301	0	0	0	0	0	0
6	2006	JUN	33.888	33.958	318.570	7.305	0	0	0	0	0	0
7	2006	JUL	37.052	37.632	318.890	7.320	0	0	0	0	0	0
8	2006	AUG	36.336	38.437	319.400	7.329	0	0	0	0	0	0
9	2006	SEP	35.647	36.630	319.960	7.341	0	0	0	0	0	0
10	2006	OCT	31.276	30.462	320.460	7.355	0	0	0	0	0	0
11	2006	NOV	23.992	24.841	320.760	7.378	0	0	0	0	0	0
12	2006	DEC	25.475	25.657	320.780	7.401	0	0	0	0	0	159
13	2007	JAN	25.636	26.150	320.580	7.422	0	0	128	0	0	0
14	2007	FEB	28.705	28.414	320.330	7.472	0	0	0	230	0	0
15	2007	MAR	24.128	24.795	320.110	7.523	0	0	0	0	107	0
16	2007	APR	24.004	24.239	319.890	7.577	0	0	0	0	0	0
17	2007	MAY	26.736	26.893	319.640	7.630	0	0	0	0	0	0
18	2007	JUN	31.208	31.175	319.300	7.693	0	0	0	0	0	0
19	2007	JUL	34.837	35.644	318.780	7.754	0	0	0	0	0	0
20	2007	AUG	36.859	38.069	317.990	7.813	0	0	0	0	0	0
21	2007	SEP	35.833	36.924	316.940	7.872	0	0	0	0	0	0
22	2007	OCT	32.101	31.776	315.840	7.928	0	0	0	0	0	0
23	2007	NOV	23.978	24.704	314.960	7.981	0	0	0	0	0	0
24	2007	DEC	23.571	22.801	314.470	8.037	0	0	0	0	0	94

VARIABLE	DESCRIPTION
SmComSales	Billing Cycle Small Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Bin_0897	Binary Variable for August 1997
HDHBD_XX	Billing Cycle Small Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2008 Through 2009
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) SmComSales (OUTPUT)	(5) SmComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) Bin_0897 (INPUT)	(10) HDHBD_01 (INPUT)	(11) HDHBD_02 (INPUT)	(12) HDHBD_03 (INPUT)	(13) HDHBD_12 (INPUT)
1	2008	JAN	25.835	26.258	314.070	8.091	0	0	186	0	0	0
2	2008	FEB	26.259	27.560	313.380	8.084	0	0	0	182	0	0
3	2008	MAR	24.271	23.779	312.150	8.072	0	0	0	0	113	0
4	2008	APR	22.424	23.760	310.610	8.063	0	0	0	0	0	0
5	2008	MAY	26.079	25.469	309.190	8.050	0	0	0	0	0	0
6	2008	JUN	33.007	32.406	308.170	8.039	0	0	0	0	0	0
7	2008	JUL	34.675	34.376	307.340	8.023	0	0	0	0	0	0
8	2008	AUG	35.591	34.862	306.340	8.012	0	0	0	0	0	0
9	2008	SEP	32.986	33.533	304.960	7.999	0	0	0	0	0	0
10	2008	OCT	27.703	27.500	303.330	8.067	0	0	0	0	0	0
11	2008	NOV	21.818	23.665	301.690	8.141	0	0	0	0	0	0
12	2008	DEC	24.157	23.367	300.230	8.227	0	0	0	0	0	152
13	2009	JAN	23.976	23.122	299.000	8.310	0	0	139	0	0	0
14	2009	FEB	25.457	26.084	298.060	8.461	0	0	0	210	0	0
15	2009	MAR	22.395	23.170	297.320	8.618	0	0	0	0	110	0
16	2009	APR	21.477	21.628	296.670	8.774	0	0	0	0	0	0
17	2009	MAY	24.658	24.716	295.980	8.933	0	0	0	0	0	0
18	2009	JUN	30.000	31.013	295.200	9.089	0	0	0	0	0	0
19	2009	JUL	34.848	35.028	294.430	9.254	0	0	0	0	0	0
20	2009	AUG	32.586	33.193	293.840	9.400	0	0	0	0	0	0
21	2009	SEP	30.161	29.528	293.580	9.550	0	0	0	0	0	0
22	2009	OCT	28.459	29.079	293.530	9.621	0	0	0	0	0	0
23	2009	NOV	21.686	21.910	293.500	9.680	0	0	0	0	0	0
24	2009	DEC	22.080	22.607	293.420	9.739	0	0	0	0	0	147

VARIABLE	DESCRIPTION
SmComSales	Billing Cycle Small Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Bin_0897	Binary Variable for August 1997
HDHBD_XX	Billing Cycle Small Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2010 Through 2011
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) SmComSales (OUTPUT)	(5) SmComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) Bin_0897 (INPUT)	(10) HDHBD_01 (INPUT)	(11) HDHBD_02 (INPUT)	(12) HDHBD_03 (INPUT)	(13) HDHBD_12 (INPUT)
1	2010	JAN	27.745	29.125	293.400	9.793	0	0	317	0	0	0
2	2010	FEB	27.512	28.366	293.650	9.805	0	0	0	267	0	0
3	2010	MAR	25.036	26.210	294.300	9.812	0	0	0	0	227	0
4	2010	APR	21.448	20.139	295.280	9.818	0	0	0	0	0	0
5	2010	MAY	23.420	23.963	296.400	9.826	0	0	0	0	0	0
6	2010	JUN	30.602	30.203	297.500	9.831	0	0	0	0	0	0
7	2010	JUL	33.294	33.312	298.380	9.830	0	0	0	0	0	0
8	2010	AUG	35.336	35.106	298.870	9.849	0	0	0	0	0	0
9	2010	SEP	31.961	32.311	298.900	9.862	0	0	0	0	0	0
10	2010	OCT	27.648	26.567	298.750	9.873	0	0	0	0	0	0
11	2010	NOV	21.572	22.116	298.820	9.894	0	0	0	0	0	0
12	2010	DEC	22.607	23.095	299.350	9.901	0	0	0	0	0	191
13	2011	JAN	26.688	27.475	300.170	9.922	0	0	280	0	0	0
14	2011	FEB	26.750	28.076	300.880	9.879	0	0	0	250	0	0
15	2011	MAR	22.214	21.250	301.310	9.836	0	0	0	0	84	0
16	2011	APR	22.078	21.488	301.570	9.798	0	0	0	0	0	0
17	2011	MAY	24.098	24.390	301.860	9.757	0	0	0	0	0	0
18	2011	JUN	31.147	30.409	302.280	9.710	0	0	0	0	0	0
19	2011	JUL	33.954	32.881	302.640	9.668	0	0	0	0	0	0
20	2011	AUG	33.738	33.229	302.600	9.625	0	0	0	0	0	0
21	2011	SEP	31.092	30.420	302.000	9.585	0	0	0	0	0	0
22	2011	OCT	24.849	25.364	301.140	9.554	0	0	0	0	0	0
23	2011	NOV	20.842	20.535	300.500	9.540	0	0	0	0	0	0
24	2011	DEC	21.165	21.196	300.330	9.530	0	0	0	0	0	114

VARIABLE	DESCRIPTION
SmComSales	Billing Cycle Small Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Bin_0897	Binary Variable for August 1997
HDHBD_XX	Billing Cycle Small Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
_X_ Prior Year Ended 12/31/13
_X_ Historical Year 2012
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) SmComSales (OUTPUT)	(5) SmComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) Bin_0897 (INPUT)	(10) HDHBD_01 (INPUT)	(11) HDHBD_02 (INPUT)	(12) HDHBD_03 (INPUT)	(13) HDHBD_12 (INPUT)
1	2012	JAN	22.272	20.465	300.340	9.510	0	0	117	0	0	0
2	2012	FEB	20.714	21.510	300.030	9.506	0	0	0	91	0	0
3	2012	MAR	20.129	20.620	299.150	9.524	0	0	0	0	48	0
4	2012	APR	22.603	22.328	298.040	9.499	0	0	0	0	0	0
5	2012	MAY	24.602	24.142	297.280	9.471	0	0	0	0	0	0
6	2012	JUN	30.256	29.006	297.270	9.462	0	0	0	0	0	0
7	2012	JUL	31.558	30.593	297.800	9.444	0	0	0	0	0	0
8	2012	AUG	32.140	30.707	298.480	9.359	0	0	0	0	0	0
9	2012	SEP	29.947	28.550	298.990	9.273	0	0	0	0	0	0
10	2012	OCT	25.397	25.767	299.290	9.178	0	0	0	0	0	0
11	2012	NOV	21.305		299.470	9.064	0	0	0	0	0	0
12	2012	DEC	21.692		299.570	8.949	0	0	0	0	0	132
13	2013	JAN	24.882		299.680	8.837	0	0	205	0	0	0
14	2013	FEB	24.953		299.840	8.743	0	0	0	188	0	0
15	2013	MAR	22.196		300.120	8.630	0	0	0	0	107	0
16	2013	APR	21.653		300.500	8.553	0	0	0	0	0	0
17	2013	MAY	24.614		300.950	8.482	0	0	0	0	0	0
18	2013	JUN	30.458		301.430	8.398	0	0	0	0	0	0
19	2013	JUL	33.769		301.950	8.321	0	0	0	0	0	0
20	2013	AUG	34.205		302.520	8.308	0	0	0	0	0	0
21	2013	SEP	32.645		303.110	8.296	0	0	0	0	0	0
22	2013	OCT	28.434		303.720	8.300	0	0	0	0	0	0
23	2013	NOV	22.907		304.300	8.303	0	0	0	0	0	0
24	2013	DEC	22.886		304.830	8.306	0	0	0	0	0	132

VARIABLE	DESCRIPTION
SmComSales	Billing Cycle Small Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Bin_0897	Binary Variable for August 1997
HDHBD_XX	Billing Cycle Small Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
_X_ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
___ Historical Year 2012
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) SmComSales (OUTPUT)	(5) SmComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) Bin_0897 (INPUT)	(10) HDHBD_01 (INPUT)	(11) HDHBD_02 (INPUT)	(12) HDHBD_03 (INPUT)	(13) HDHBD_12 (INPUT)
1	2014	JAN	25.801		305.340	8.310	0	0	205	0	0	0
2	2014	FEB	25.662		305.850	8.354	0	0	0	188	0	0
3	2014	MAR	22.727		306.410	8.399	0	0	0	0	107	0
4	2014	APR	22.061		307.050	8.444	0	0	0	0	0	0
5	2014	MAY	24.921		307.750	8.489	0	0	0	0	0	0
6	2014	JUN	30.668		308.510	8.533	0	0	0	0	0	0
7	2014	JUL	33.896		309.320	8.576	0	0	0	0	0	0
8	2014	AUG	34.298		310.210	8.619	0	0	0	0	0	0
9	2014	SEP	32.708		311.120	8.661	0	0	0	0	0	0
10	2014	OCT	28.480		312.050	8.705	0	0	0	0	0	0
11	2014	NOV	22.935		312.970	8.749	0	0	0	0	0	0
12	2014	DEC	22.897		313.860	8.795	0	0	0	0	0	132

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VARIABLE	DESCRIPTION
SmComSales	Billing Cycle Small Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
Bin_0897	Binary Variable for August 1997
HDHBD_XX	Billing Cycle Small Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1992 Through 1993
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_04 (INPUT)	(5) CDHBD_05 (INPUT)	(6) CDHBD_06 (INPUT)	(7) CDHBD_07 (INPUT)	(8) CDHBD_08 (INPUT)	(9) CDHBD_09 (INPUT)	(10) CDHBD_10 (INPUT)	(11) CDHBD_11 (INPUT)
1	1992	NOV	0	0	0	0	0	0	0	69
2	1992	DEC	0	0	0	0	0	0	0	0
3	1993	JAN	0	0	0	0	0	0	0	0
4	1993	FEB	0	0	0	0	0	0	0	0
5	1993	MAR	0	0	0	0	0	0	0	0
6	1993	APR	31	0	0	0	0	0	0	0
7	1993	MAY	0	86	0	0	0	0	0	0
8	1993	JUN	0	0	238	0	0	0	0	0
9	1993	JUL	0	0	0	343	0	0	0	0
10	1993	AUG	0	0	0	0	375	0	0	0
11	1993	SEP	0	0	0	0	0	337	0	0
12	1993	OCT	0	0	0	0	0	0	215	0
13	1993	NOV	0	0	0	0	0	0	0	78
14	1993	DEC	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Small Commercial Cooling Degree Hours per Billing Day for Month XX (04=April, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1994 Through 1995
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_04 (INPUT)	(5) CDHBD_05 (INPUT)	(6) CDHBD_06 (INPUT)	(7) CDHBD_07 (INPUT)	(8) CDHBD_08 (INPUT)	(9) CDHBD_09 (INPUT)	(10) CDHBD_10 (INPUT)	(11) CDHBD_11 (INPUT)
1	1994	JAN	0	0	0	0	0	0	0	0
2	1994	FEB	0	0	0	0	0	0	0	0
3	1994	MAR	0	0	0	0	0	0	0	0
4	1994	APR	54	0	0	0	0	0	0	0
5	1994	MAY	0	147	0	0	0	0	0	0
6	1994	JUN	0	0	243	0	0	0	0	0
7	1994	JUL	0	0	0	303	0	0	0	0
8	1994	AUG	0	0	0	0	289	0	0	0
9	1994	SEP	0	0	0	0	0	285	0	0
10	1994	OCT	0	0	0	0	0	0	180	0
11	1994	NOV	0	0	0	0	0	0	0	77
12	1994	DEC	0	0	0	0	0	0	0	0
13	1995	JAN	0	0	0	0	0	0	0	0
14	1995	FEB	0	0	0	0	0	0	0	0
15	1995	MAR	0	0	0	0	0	0	0	0
16	1995	APR	52	0	0	0	0	0	0	0
17	1995	MAY	0	143	0	0	0	0	0	0
18	1995	JUN	0	0	283	0	0	0	0	0
19	1995	JUL	0	0	0	340	0	0	0	0
20	1995	AUG	0	0	0	0	364	0	0	0
21	1995	SEP	0	0	0	0	0	372	0	0
22	1995	OCT	0	0	0	0	0	0	232	0
23	1995	NOV	0	0	0	0	0	0	0	79
24	1995	DEC	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Small Commercial Cooling Degree Hours per Billing Day for Month XX (04=April, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1996 Through 1997
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_04 (INPUT)	(5) CDHBD_05 (INPUT)	(6) CDHBD_06 (INPUT)	(7) CDHBD_07 (INPUT)	(8) CDHBD_08 (INPUT)	(9) CDHBD_09 (INPUT)	(10) CDHBD_10 (INPUT)	(11) CDHBD_11 (INPUT)
1	1996	JAN	0	0	0	0	0	0	0	0
2	1996	FEB	0	0	0	0	0	0	0	0
3	1996	MAR	0	0	0	0	0	0	0	0
4	1996	APR	22	0	0	0	0	0	0	0
5	1996	MAY	0	133	0	0	0	0	0	0
6	1996	JUN	0	0	298	0	0	0	0	0
7	1996	JUL	0	0	0	379	0	0	0	0
8	1996	AUG	0	0	0	0	367	0	0	0
9	1996	SEP	0	0	0	0	0	316	0	0
10	1996	OCT	0	0	0	0	0	0	190	0
11	1996	NOV	0	0	0	0	0	0	0	94
12	1996	DEC	0	0	0	0	0	0	0	0
13	1997	JAN	0	0	0	0	0	0	0	0
14	1997	FEB	0	0	0	0	0	0	0	0
15	1997	MAR	0	0	0	0	0	0	0	0
16	1997	APR	65	0	0	0	0	0	0	0
17	1997	MAY	0	102	0	0	0	0	0	0
18	1997	JUN	0	0	221	0	0	0	0	0
19	1997	JUL	0	0	0	340	0	0	0	0
20	1997	AUG	0	0	0	0	339	0	0	0
21	1997	SEP	0	0	0	0	0	335	0	0
22	1997	OCT	0	0	0	0	0	0	231	0
23	1997	NOV	0	0	0	0	0	0	0	50
24	1997	DEC	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Small Commercial Cooling Degree Hours per Billing Day for Month XX (04=April, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1998 Through 1999
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_04 (INPUT)	(5) CDHBD_05 (INPUT)	(6) CDHBD_06 (INPUT)	(7) CDHBD_07 (INPUT)	(8) CDHBD_08 (INPUT)	(9) CDHBD_09 (INPUT)	(10) CDHBD_10 (INPUT)	(11) CDHBD_11 (INPUT)
1	1998	JAN	0	0	0	0	0	0	0	0
2	1998	FEB	0	0	0	0	0	0	0	0
3	1998	MAR	0	0	0	0	0	0	0	0
4	1998	APR	44	0	0	0	0	0	0	0
5	1998	MAY	0	145	0	0	0	0	0	0
6	1998	JUN	0	0	341	0	0	0	0	0
7	1998	JUL	0	0	0	403	0	0	0	0
8	1998	AUG	0	0	0	0	355	0	0	0
9	1998	SEP	0	0	0	0	0	326	0	0
10	1998	OCT	0	0	0	0	0	0	229	0
11	1998	NOV	0	0	0	0	0	0	0	93
12	1998	DEC	0	0	0	0	0	0	0	0
13	1999	JAN	0	0	0	0	0	0	0	0
14	1999	FEB	0	0	0	0	0	0	0	0
15	1999	MAR	0	0	0	0	0	0	0	0
16	1999	APR	65	0	0	0	0	0	0	0
17	1999	MAY	0	143	0	0	0	0	0	0
18	1999	JUN	0	0	239	0	0	0	0	0
19	1999	JUL	0	0	0	323	0	0	0	0
20	1999	AUG	0	0	0	0	378	0	0	0
21	1999	SEP	0	0	0	0	0	331	0	0
22	1999	OCT	0	0	0	0	0	0	185	0
23	1999	NOV	0	0	0	0	0	0	0	67
24	1999	DEC	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Small Commercial Cooling Degree Hours per Billing Day for Month XX (04=April, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2000 Through 2001
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_04 (INPUT)	(5) CDHBD_05 (INPUT)	(6) CDHBD_06 (INPUT)	(7) CDHBD_07 (INPUT)	(8) CDHBD_08 (INPUT)	(9) CDHBD_09 (INPUT)	(10) CDHBD_10 (INPUT)	(11) CDHBD_11 (INPUT)
1	2000	JAN	0	0	0	0	0	0	0	0
2	2000	FEB	0	0	0	0	0	0	0	0
3	2000	MAR	0	0	0	0	0	0	0	0
4	2000	APR	52	0	0	0	0	0	0	0
5	2000	MAY	0	131	0	0	0	0	0	0
6	2000	JUN	0	0	293	0	0	0	0	0
7	2000	JUL	0	0	0	384	0	0	0	0
8	2000	AUG	0	0	0	0	382	0	0	0
9	2000	SEP	0	0	0	0	0	329	0	0
10	2000	OCT	0	0	0	0	0	0	164	0
11	2000	NOV	0	0	0	0	0	0	0	93
12	2000	DEC	0	0	0	0	0	0	0	0
13	2001	JAN	0	0	0	0	0	0	0	0
14	2001	FEB	0	0	0	0	0	0	0	0
15	2001	MAR	0	0	0	0	0	0	0	0
16	2001	APR	53	0	0	0	0	0	0	0
17	2001	MAY	0	124	0	0	0	0	0	0
18	2001	JUN	0	0	262	0	0	0	0	0
19	2001	JUL	0	0	0	311	0	0	0	0
20	2001	AUG	0	0	0	0	326	0	0	0
21	2001	SEP	0	0	0	0	0	289	0	0
22	2001	OCT	0	0	0	0	0	0	147	0
23	2001	NOV	0	0	0	0	0	0	0	71
24	2001	DEC	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Small Commercial Cooling Degree Hours per Billing Day for Month XX (04=April, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2002 Through 2003
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_04 (INPUT)	(5) CDHBD_05 (INPUT)	(6) CDHBD_06 (INPUT)	(7) CDHBD_07 (INPUT)	(8) CDHBD_08 (INPUT)	(9) CDHBD_09 (INPUT)	(10) CDHBD_10 (INPUT)	(11) CDHBD_11 (INPUT)
1	2002	JAN	0	0	0	0	0	0	0	0
2	2002	FEB	0	0	0	0	0	0	0	0
3	2002	MAR	0	0	0	0	0	0	0	0
4	2002	APR	56	0	0	0	0	0	0	0
5	2002	MAY	0	197	0	0	0	0	0	0
6	2002	JUN	0	0	248	0	0	0	0	0
7	2002	JUL	0	0	0	313	0	0	0	0
8	2002	AUG	0	0	0	0	333	0	0	0
9	2002	SEP	0	0	0	0	0	319	0	0
10	2002	OCT	0	0	0	0	0	0	239	0
11	2002	NOV	0	0	0	0	0	0	0	73
12	2002	DEC	0	0	0	0	0	0	0	0
13	2003	JAN	0	0	0	0	0	0	0	0
14	2003	FEB	0	0	0	0	0	0	0	0
15	2003	MAR	0	0	0	0	0	0	0	0
16	2003	APR	57	0	0	0	0	0	0	0
17	2003	MAY	0	174	0	0	0	0	0	0
18	2003	JUN	0	0	261	0	0	0	0	0
19	2003	JUL	0	0	0	290	0	0	0	0
20	2003	AUG	0	0	0	0	301	0	0	0
21	2003	SEP	0	0	0	0	0	296	0	0
22	2003	OCT	0	0	0	0	0	0	153	0
23	2003	NOV	0	0	0	0	0	0	0	91
24	2003	DEC	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Small Commercial Cooling Degree Hours per Billing Day for Month XX (04=April, etc.)

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FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2004 Through 2005
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_04 (INPUT)	(5) CDHBD_05 (INPUT)	(6) CDHBD_06 (INPUT)	(7) CDHBD_07 (INPUT)	(8) CDHBD_08 (INPUT)	(9) CDHBD_09 (INPUT)	(10) CDHBD_10 (INPUT)	(11) CDHBD_11 (INPUT)
1	2004	JAN	0	0	0	0	0	0	0	0
2	2004	FEB	0	0	0	0	0	0	0	0
3	2004	MAR	0	0	0	0	0	0	0	0
4	2004	APR	45	0	0	0	0	0	0	0
5	2004	MAY	0	117	0	0	0	0	0	0
6	2004	JUN	0	0	268	0	0	0	0	0
7	2004	JUL	0	0	0	323	0	0	0	0
8	2004	AUG	0	0	0	0	329	0	0	0
9	2004	SEP	0	0	0	0	0	290	0	0
10	2004	OCT	0	0	0	0	0	0	228	0
11	2004	NOV	0	0	0	0	0	0	0	124
12	2004	DEC	0	0	0	0	0	0	0	0
13	2005	JAN	0	0	0	0	0	0	0	0
14	2005	FEB	0	0	0	0	0	0	0	0
15	2005	MAR	0	0	0	0	0	0	0	0
16	2005	APR	29	0	0	0	0	0	0	0
17	2005	MAY	0	92	0	0	0	0	0	0
18	2005	JUN	0	0	257	0	0	0	0	0
19	2005	JUL	0	0	0	340	0	0	0	0
20	2005	AUG	0	0	0	0	341	0	0	0
21	2005	SEP	0	0	0	0	0	353	0	0
22	2005	OCT	0	0	0	0	0	0	270	0
23	2005	NOV	0	0	0	0	0	0	0	79
24	2005	DEC	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Small Commercial Cooling Degree Hours per Billing Day for Month XX (04=April, etc.)

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FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2006 Through 2007
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_04 (INPUT)	(5) CDHBD_05 (INPUT)	(6) CDHBD_06 (INPUT)	(7) CDHBD_07 (INPUT)	(8) CDHBD_08 (INPUT)	(9) CDHBD_09 (INPUT)	(10) CDHBD_10 (INPUT)	(11) CDHBD_11 (INPUT)
1	2006	JAN	0	0	0	0	0	0	0	0
2	2006	FEB	0	0	0	0	0	0	0	0
3	2006	MAR	0	0	0	0	0	0	0	0
4	2006	APR	86	0	0	0	0	0	0	0
5	2006	MAY	0	164	0	0	0	0	0	0
6	2006	JUN	0	0	301	0	0	0	0	0
7	2006	JUL	0	0	0	385	0	0	0	0
8	2006	AUG	0	0	0	0	355	0	0	0
9	2006	SEP	0	0	0	0	0	320	0	0
10	2006	OCT	0	0	0	0	0	0	200	0
11	2006	NOV	0	0	0	0	0	0	0	54
12	2006	DEC	0	0	0	0	0	0	0	0
13	2007	JAN	0	0	0	0	0	0	0	0
14	2007	FEB	0	0	0	0	0	0	0	0
15	2007	MAR	0	0	0	0	0	0	0	0
16	2007	APR	63	0	0	0	0	0	0	0
17	2007	MAY	0	147	0	0	0	0	0	0
18	2007	JUN	0	0	248	0	0	0	0	0
19	2007	JUL	0	0	0	344	0	0	0	0
20	2007	AUG	0	0	0	0	380	0	0	0
21	2007	SEP	0	0	0	0	0	353	0	0
22	2007	OCT	0	0	0	0	0	0	243	0
23	2007	NOV	0	0	0	0	0	0	0	70
24	2007	DEC	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Small Commercial Cooling Degree Hours per Billing Day for Month XX (04=April, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2008 Through 2009
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_04 (INPUT)	(5) CDHBD_05 (INPUT)	(6) CDHBD_06 (INPUT)	(7) CDHBD_07 (INPUT)	(8) CDHBD_08 (INPUT)	(9) CDHBD_09 (INPUT)	(10) CDHBD_10 (INPUT)	(11) CDHBD_11 (INPUT)
1	2008	JAN	0	0	0	0	0	0	0	0
2	2008	FEB	0	0	0	0	0	0	0	0
3	2008	MAR	0	0	0	0	0	0	0	0
4	2008	APR	43	0	0	0	0	0	0	0
5	2008	MAY	0	133	0	0	0	0	0	0
6	2008	JUN	0	0	318	0	0	0	0	0
7	2008	JUL	0	0	0	368	0	0	0	0
8	2008	AUG	0	0	0	0	387	0	0	0
9	2008	SEP	0	0	0	0	0	339	0	0
10	2008	OCT	0	0	0	0	0	0	182	0
11	2008	NOV	0	0	0	0	0	0	0	47
12	2008	DEC	0	0	0	0	0	0	0	0
13	2009	JAN	0	0	0	0	0	0	0	0
14	2009	FEB	0	0	0	0	0	0	0	0
15	2009	MAR	0	0	0	0	0	0	0	0
16	2009	APR	38	0	0	0	0	0	0	0
17	2009	MAY	0	142	0	0	0	0	0	0
18	2009	JUN	0	0	270	0	0	0	0	0
19	2009	JUL	0	0	0	382	0	0	0	0
20	2009	AUG	0	0	0	0	325	0	0	0
21	2009	SEP	0	0	0	0	0	270	0	0
22	2009	OCT	0	0	0	0	0	0	236	0
23	2009	NOV	0	0	0	0	0	0	0	69
24	2009	DEC	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Small Commercial Cooling Degree Hours per Billing Day for Month XX (04=April, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2010 Through 2011
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_04 (INPUT)	(5) CDHBD_05 (INPUT)	(6) CDHBD_06 (INPUT)	(7) CDHBD_07 (INPUT)	(8) CDHBD_08 (INPUT)	(9) CDHBD_09 (INPUT)	(10) CDHBD_10 (INPUT)	(11) CDHBD_11 (INPUT)
1	2010	JAN	0	0	0	0	0	0	0	0
2	2010	FEB	0	0	0	0	0	0	0	0
3	2010	MAR	0	0	0	0	0	0	0	0
4	2010	APR	33	0	0	0	0	0	0	0
5	2010	MAY	0	133	0	0	0	0	0	0
6	2010	JUN	0	0	295	0	0	0	0	0
7	2010	JUL	0	0	0	369	0	0	0	0
8	2010	AUG	0	0	0	0	413	0	0	0
9	2010	SEP	0	0	0	0	0	340	0	0
10	2010	OCT	0	0	0	0	0	0	213	0
11	2010	NOV	0	0	0	0	0	0	0	94
12	2010	DEC	0	0	0	0	0	0	0	0
13	2011	JAN	0	0	0	0	0	0	0	0
14	2011	FEB	0	0	0	0	0	0	0	0
15	2011	MAR	0	0	0	0	0	0	0	0
16	2011	APR	89	0	0	0	0	0	0	0
17	2011	MAY	0	157	0	0	0	0	0	0
18	2011	JUN	0	0	312	0	0	0	0	0
19	2011	JUL	0	0	0	390	0	0	0	0
20	2011	AUG	0	0	0	0	388	0	0	0
21	2011	SEP	0	0	0	0	0	328	0	0
22	2011	OCT	0	0	0	0	0	0	161	0
23	2011	NOV	0	0	0	0	0	0	0	52
24	2011	DEC	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Small Commercial Cooling Degree Hours per Billing Day for Month XX (04=April, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
_X_ Prior Year Ended 12/31/13
_X_ Historical Year 2012
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_04 (INPUT)	(5) CDHBD_05 (INPUT)	(6) CDHBD_06 (INPUT)	(7) CDHBD_07 (INPUT)	(8) CDHBD_08 (INPUT)	(9) CDHBD_09 (INPUT)	(10) CDHBD_10 (INPUT)	(11) CDHBD_11 (INPUT)
1	2012	JAN	0	0	0	0	0	0	0	0
2	2012	FEB	0	0	0	0	0	0	0	0
3	2012	MAR	0	0	0	0	0	0	0	0
4	2012	APR	104	0	0	0	0	0	0	0
5	2012	MAY	0	166	0	0	0	0	0	0
6	2012	JUN	0	0	298	0	0	0	0	0
7	2012	JUL	0	0	0	342	0	0	0	0
8	2012	AUG	0	0	0	0	353	0	0	0
9	2012	SEP	0	0	0	0	0	314	0	0
10	2012	OCT	0	0	0	0	0	0	192	0
11	2012	NOV	0	0	0	0	0	0	0	76
12	2012	DEC	0	0	0	0	0	0	0	0
13	2013	JAN	0	0	0	0	0	0	0	0
14	2013	FEB	0	0	0	0	0	0	0	0
15	2013	MAR	0	0	0	0	0	0	0	0
16	2013	APR	54	0	0	0	0	0	0	0
17	2013	MAY	0	139	0	0	0	0	0	0
18	2013	JUN	0	0	271	0	0	0	0	0
19	2013	JUL	0	0	0	350	0	0	0	0
20	2013	AUG	0	0	0	0	353	0	0	0
21	2013	SEP	0	0	0	0	0	321	0	0
22	2013	OCT	0	0	0	0	0	0	203	0
23	2013	NOV	0	0	0	0	0	0	0	76
24	2013	DEC	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Small Commercial Cooling Degree Hours per Billing Day for Month XX (04=April, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
_X_ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
___ Historical Year 2012
Witness: R. J. Alexander

FORECASTING MODEL: SMALL COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) CDHBD_04 (INPUT)	(5) CDHBD_05 (INPUT)	(6) CDHBD_06 (INPUT)	(7) CDHBD_07 (INPUT)	(8) CDHBD_08 (INPUT)	(9) CDHBD_09 (INPUT)	(10) CDHBD_10 (INPUT)	(11) CDHBD_11 (INPUT)
1	2014	JAN	0	0	0	0	0	0	0	0
2	2014	FEB	0	0	0	0	0	0	0	0
3	2014	MAR	0	0	0	0	0	0	0	0
4	2014	APR	54	0	0	0	0	0	0	0
5	2014	MAY	0	139	0	0	0	0	0	0
6	2014	JUN	0	0	271	0	0	0	0	0
7	2014	JUL	0	0	0	350	0	0	0	0
8	2014	AUG	0	0	0	0	353	0	0	0
9	2014	SEP	0	0	0	0	0	321	0	0
10	2014	OCT	0	0	0	0	0	0	203	0
11	2014	NOV	0	0	0	0	0	0	0	76
12	2014	DEC	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
CDHBD_XX	Billing Cycle Small Commercial Cooling Degree Hours per Billing Day for Month XX (04=April, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1992 Through 1993
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) LgComSales (OUTPUT)	(5) LgComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) DennisKatrina (INPUT)	(10) Isaac (INPUT)	(11) HDHBD_01 (INPUT)	(12) HDHBD_02 (INPUT)	(13) HDHBD_03 (INPUT)	(14) HDHBD_12 (INPUT)
1	1992	NOV		495.233	229.070	7.334	0	0	0	0	0	0	0
2	1992	DEC	456.266	440.172	229.700	7.344	0	0	0	0	0	0	77
3	1993	JAN	425.035	439.909	230.400	7.354	0	0	0	39	0	0	0
4	1993	FEB	461.435	453.491	231.210	7.378	0	0	0	0	82	0	0
5	1993	MAR	460.946	458.280	232.170	7.403	0	0	0	0	0	80	0
6	1993	APR	464.560	466.691	233.120	7.437	0	0	0	0	0	0	0
7	1993	MAY	507.060	479.496	233.750	7.432	0	0	0	0	0	0	0
8	1993	JUN	594.121	593.078	233.930	7.442	0	0	0	0	0	0	0
9	1993	JUL	653.597	673.490	233.970	7.452	0	0	0	0	0	0	0
10	1993	AUG	678.301	677.392	234.300	7.456	0	0	0	0	0	0	0
11	1993	SEP	656.753	651.199	235.190	7.428	0	0	0	0	0	0	0
12	1993	OCT	592.106	589.670	236.430	7.421	0	0	0	0	0	0	0
13	1993	NOV	497.632	496.734	237.640	7.373	0	0	0	0	0	0	0
14	1993	DEC	460.091	446.178	238.550	7.329	0	0	0	0	0	0	73

VARIABLE	DESCRIPTION
LgComSales	Billing Cycle Large Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
DennisKatrina	Binary Variable for Hurricanes Dennis and Katrina July-September 2005
Isaac	Binary Variable for Hurricane Isaac August-September 2012
HDHBD_XX	Billing Cycle Large Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1994 Through 1995
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) LgComSales (OUTPUT)	(5) LgComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) DennisKatrina (INPUT)	(10) Isaac (INPUT)	(11) HDHBD_01 (INPUT)	(12) HDHBD_02 (INPUT)	(13) HDHBD_03 (INPUT)	(14) HDHBD_12 (INPUT)
1	1994	JAN	475.681	470.757	239.270	7.284	0	0	0	177	0	0	0
2	1994	FEB	480.155	474.000	239.960	7.232	0	0	0	0	143	0	0
3	1994	MAR	468.184	459.110	240.780	7.195	0	0	0	0	0	49	0
4	1994	APR	489.508	480.179	241.730	7.154	0	0	0	0	0	0	0
5	1994	MAY	548.334	553.258	242.680	7.145	0	0	0	0	0	0	0
6	1994	JUN	611.502	611.803	243.540	7.119	0	0	0	0	0	0	0
7	1994	JUL	645.440	645.160	244.280	7.110	0	0	0	0	0	0	0
8	1994	AUG	643.067	653.363	244.920	7.110	0	0	0	0	0	0	0
9	1994	SEP	642.404	622.056	245.420	7.099	0	0	0	0	0	0	0
10	1994	OCT	582.773	582.291	245.840	7.110	0	0	0	0	0	0	0
11	1994	NOV	507.654	501.426	246.210	7.145	0	0	0	0	0	0	0
12	1994	DEC	457.993	467.259	246.550	7.173	0	0	0	0	0	0	35
13	1995	JAN	457.690	443.647	246.810	7.196	0	0	0	92	0	0	0
14	1995	FEB	476.745	469.856	246.920	7.242	0	0	0	0	115	0	0
15	1995	MAR	470.013	479.518	246.870	7.264	0	0	0	0	0	54	0
16	1995	APR	491.755	503.896	246.880	7.279	0	0	0	0	0	0	0
17	1995	MAY	547.718	533.885	247.250	7.284	0	0	0	0	0	0	0
18	1995	JUN	629.576	666.678	248.090	7.301	0	0	0	0	0	0	0
19	1995	JUL	668.615	656.600	249.040	7.302	0	0	0	0	0	0	0
20	1995	AUG	680.002	697.708	249.580	7.309	0	0	0	0	0	0	0
21	1995	SEP	685.953	684.014	249.400	7.321	0	0	0	0	0	0	0
22	1995	OCT	612.595	606.464	248.960	7.318	0	0	0	0	0	0	0
23	1995	NOV	506.197	497.287	248.940	7.309	0	0	0	0	0	0	0
24	1995	DEC	469.348	462.105	249.770	7.309	0	0	0	0	0	0	89

VARIABLE	DESCRIPTION
LgComSales	Billing Cycle Large Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
DennisKatrina	Binary Variable for Hurricanes Dennis and Katrina July-September 2005
Isaac	Binary Variable for Hurricane Isaac August-September 2012
HDHBD_XX	Billing Cycle Large Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1996 Through 1997
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) LgComSales (OUTPUT)	(5) LgComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) DennisKatrina (INPUT)	(10) Isaac (INPUT)	(11) HDHBD_01 (INPUT)	(12) HDHBD_02 (INPUT)	(13) HDHBD_03 (INPUT)	(14) HDHBD_12 (INPUT)
1	1996	JAN	489.644	506.950	251.130	7.310	0	0	0	196	0	0	0
2	1996	FEB	499.409	499.576	252.380	7.273	0	0	0	0	178	0	0
3	1996	MAR	488.423	482.324	253.160	7.267	0	0	0	0	0	104	0
4	1996	APR	474.962	486.491	253.590	7.266	0	0	0	0	0	0	0
5	1996	MAY	547.863	538.887	253.950	7.255	0	0	0	0	0	0	0
6	1996	JUN	643.597	643.094	254.470	7.239	0	0	0	0	0	0	0
7	1996	JUL	687.509	694.852	255.210	7.226	0	0	0	0	0	0	0
8	1996	AUG	688.952	664.988	256.190	7.203	0	0	0	0	0	0	0
9	1996	SEP	658.847	663.785	257.290	7.194	0	0	0	0	0	0	0
10	1996	OCT	594.430	616.596	258.270	7.172	0	0	0	0	0	0	0
11	1996	NOV	525.587	505.779	258.800	7.161	0	0	0	0	0	0	0
12	1996	DEC	470.324	474.078	258.690	7.159	0	0	0	0	0	0	64
13	1997	JAN	474.186	481.545	258.300	7.148	0	0	0	123	0	0	0
14	1997	FEB	486.973	435.402	258.160	7.152	0	0	0	0	111	0	0
15	1997	MAR	477.846	484.228	258.560	7.133	0	0	0	0	0	28	0
16	1997	APR	508.244	508.114	259.320	7.108	0	0	0	0	0	0	0
17	1997	MAY	534.241	509.069	260.060	7.070	0	0	0	0	0	0	0
18	1997	JUN	607.857	606.004	260.510	7.044	0	0	0	0	0	0	0
19	1997	JUL	673.118	663.270	260.770	7.028	0	0	0	0	0	0	0
20	1997	AUG	677.441	662.936	261.070	7.014	0	0	0	0	0	0	0
21	1997	SEP	674.340	689.237	261.570	6.990	0	0	0	0	0	0	0
22	1997	OCT	625.208	651.796	262.200	6.966	0	0	0	0	0	0	0
23	1997	NOV	503.733	494.081	262.820	6.929	0	0	0	0	0	0	0
24	1997	DEC	484.152	498.549	263.340	6.894	0	0	0	0	0	0	93

VARIABLE	DESCRIPTION
LgComSales	Billing Cycle Large Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
DennisKatrina	Binary Variable for Hurricanes Dennis and Katrina July-September 2005
Isaac	Binary Variable for Hurricane Isaac August-September 2012
HDHBD_XX	Billing Cycle Large Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1998 Through 1999
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) LgComSales (OUTPUT)	(5) LgComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) DennisKatrina (INPUT)	(10) Isaac (INPUT)	(11) HDHBD_01 (INPUT)	(12) HDHBD_02 (INPUT)	(13) HDHBD_03 (INPUT)	(14) HDHBD_12 (INPUT)
1	1998	JAN	478.981	448.054	263.870	6.842	0	0	0	110	0	0	0
2	1998	FEB	485.425	470.469	264.490	6.822	0	0	0	0	96	0	0
3	1998	MAR	485.360	483.467	265.290	6.795	0	0	0	0	0	74	0
4	1998	APR	504.543	510.252	266.100	6.756	0	0	0	0	0	0	0
5	1998	MAY	567.818	557.626	266.620	6.697	0	0	0	0	0	0	0
6	1998	JUN	678.665	701.781	266.720	6.625	0	0	0	0	0	0	0
7	1998	JUL	717.759	732.236	266.650	6.552	0	0	0	0	0	0	0
8	1998	AUG	699.439	705.922	266.800	6.497	0	0	0	0	0	0	0
9	1998	SEP	683.891	667.334	267.410	6.438	0	0	0	0	0	0	0
10	1998	OCT	633.078	686.852	268.140	6.365	0	0	0	0	0	0	0
11	1998	NOV	546.888	550.328	268.500	6.344	0	0	0	0	0	0	0
12	1998	DEC	481.616	493.551	268.200	6.249	0	0	0	0	0	0	19
13	1999	JAN	498.047	492.722	267.540	6.196	0	0	0	139	0	0	0
14	1999	FEB	488.176	507.196	267.070	6.136	0	0	0	0	51	0	0
15	1999	MAR	498.914	489.964	267.070	6.072	0	0	0	0	0	52	0
16	1999	APR	523.514	516.714	267.430	6.028	0	0	0	0	0	0	0
17	1999	MAY	573.154	588.821	267.870	6.020	0	0	0	0	0	0	0
18	1999	JUN	640.844	646.509	268.180	6.017	0	0	0	0	0	0	0
19	1999	JUL	683.915	703.658	268.380	6.018	0	0	0	0	0	0	0
20	1999	AUG	718.157	724.733	268.600	6.010	0	0	0	0	0	0	0
21	1999	SEP	691.402	708.330	268.900	6.007	0	0	0	0	0	0	0
22	1999	OCT	616.662	606.236	269.220	6.029	0	0	0	0	0	0	0
23	1999	NOV	525.927	531.302	269.440	6.000	0	0	0	0	0	0	0
24	1999	DEC	492.315	490.525	269.540	6.011	0	0	0	0	0	0	58

VARIABLE	DESCRIPTION
LgComSales	Billing Cycle Large Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
DennisKatrina	Binary Variable for Hurricanes Dennis and Katrina July-September 2005
Isaac	Binary Variable for Hurricane Isaac August-September 2012
HDHBD_XX	Billing Cycle Large Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2000 Through 2001
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) LgComSales (OUTPUT)	(5) LgComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) DennisKatrina (INPUT)	(10) Isaac (INPUT)	(11) HDHBD_01 (INPUT)	(12) HDHBD_02 (INPUT)	(13) HDHBD_03 (INPUT)	(14) HDHBD_12 (INPUT)
1	2000	JAN	487.687	475.922	269.660	6.009	0	0	0	103	0	0	0
2	2000	FEB	510.400	516.426	270.030	6.022	0	0	0	0	136	0	0
3	2000	MAR	501.242	500.651	270.780	6.036	0	0	0	0	0	26	0
4	2000	APR	520.628	525.333	271.730	6.044	0	0	0	0	0	0	0
5	2000	MAY	570.609	559.407	272.570	6.060	0	0	0	0	0	0	0
6	2000	JUN	665.804	677.809	273.100	6.072	0	0	0	0	0	0	0
7	2000	JUL	716.249	713.252	273.260	6.086	0	0	0	0	0	0	0
8	2000	AUG	718.425	725.762	273.100	6.097	0	0	0	0	0	0	0
9	2000	SEP	691.711	704.794	272.720	6.104	0	0	0	0	0	0	0
10	2000	OCT	602.449	593.807	272.440	6.106	0	0	0	0	0	0	0
11	2000	NOV	541.730	543.272	272.630	6.120	0	0	0	0	0	0	0
12	2000	DEC	507.516	498.910	273.480	6.138	0	0	0	0	0	0	128
13	2001	JAN	535.560	532.082	274.680	6.159	0	0	0	252	0	0	0
14	2001	FEB	508.636	507.558	275.630	6.135	0	0	0	0	115	0	0
15	2001	MAR	501.047	500.678	276.070	6.118	0	0	0	0	0	38	0
16	2001	APR	521.463	519.254	276.160	6.098	0	0	0	0	0	0	0
17	2001	MAY	567.674	564.915	276.230	6.076	0	0	0	0	0	0	0
18	2001	JUN	653.398	650.221	276.500	6.054	0	0	0	0	0	0	0
19	2001	JUL	681.348	683.424	276.870	6.033	0	0	0	0	0	0	0
20	2001	AUG	694.507	707.648	277.130	6.009	0	0	0	0	0	0	0
21	2001	SEP	676.930	656.750	277.130	5.988	0	0	0	0	0	0	0
22	2001	OCT	592.190	580.486	276.980	5.971	0	0	0	0	0	0	0
23	2001	NOV	532.539	516.405	276.860	5.948	0	0	0	0	0	0	0
24	2001	DEC	487.781	491.620	276.910	5.925	0	0	0	0	0	0	27

VARIABLE	DESCRIPTION
LgComSales	Billing Cycle Large Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
DennisKatrina	Binary Variable for Hurricanes Dennis and Katrina July-September 2005
Isaac	Binary Variable for Hurricane Isaac August-September 2012
HDHBD_XX	Billing Cycle Large Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2002 Through 2003
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) LgComSales (OUTPUT)	(5) LgComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) DennisKatrina (INPUT)	(10) Isaac (INPUT)	(11) HDHBD_01 (INPUT)	(12) HDHBD_02 (INPUT)	(13) HDHBD_03 (INPUT)	(14) HDHBD_12 (INPUT)
1	2002	JAN	514.429	507.764	277.170	5.898	0	0	0	167	0	0	0
2	2002	FEB	505.680	504.289	277.610	5.913	0	0	0	0	88	0	0
3	2002	MAR	516.530	504.685	278.200	5.923	0	0	0	0	0	112	0
4	2002	APR	528.987	528.218	278.810	5.945	0	0	0	0	0	0	0
5	2002	MAY	608.227	637.842	279.230	5.960	0	0	0	0	0	0	0
6	2002	JUN	652.129	624.943	279.370	5.966	0	0	0	0	0	0	0
7	2002	JUL	681.097	687.615	279.410	6.018	0	0	0	0	0	0	0
8	2002	AUG	699.081	704.823	279.690	6.072	0	0	0	0	0	0	0
9	2002	SEP	691.613	688.601	280.370	6.124	0	0	0	0	0	0	0
10	2002	OCT	650.563	672.983	281.260	6.171	0	0	0	0	0	0	0
11	2002	NOV	541.765	547.251	282.020	6.212	0	0	0	0	0	0	0
12	2002	DEC	508.454	499.954	282.440	6.267	0	0	0	0	0	0	107
13	2003	JAN	511.544	508.062	282.640	6.330	0	0	0	167	0	0	0
14	2003	FEB	518.776	521.619	282.810	6.373	0	0	0	0	150	0	0
15	2003	MAR	499.710	510.495	283.150	6.422	0	0	0	0	0	32	0
16	2003	APR	528.189	530.410	283.830	6.461	0	0	0	0	0	0	0
17	2003	MAY	596.047	615.877	284.960	6.506	0	0	0	0	0	0	0
18	2003	JUN	657.969	678.608	286.560	6.558	0	0	0	0	0	0	0
19	2003	JUL	676.346	689.025	288.320	6.566	0	0	0	0	0	0	0
20	2003	AUG	685.643	708.621	289.810	6.579	0	0	0	0	0	0	0
21	2003	SEP	684.299	702.135	290.730	6.587	0	0	0	0	0	0	0
22	2003	OCT	608.199	616.515	291.400	6.597	0	0	0	0	0	0	0
23	2003	NOV	552.288	556.472	292.300	6.615	0	0	0	0	0	0	0
24	2003	DEC	509.560	519.796	293.700	6.624	0	0	0	0	0	0	101

VARIABLE	DESCRIPTION
LgComSales	Billing Cycle Large Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
DennisKatrina	Binary Variable for Hurricanes Dennis and Katrina July-September 2005
Isaac	Binary Variable for Hurricane Isaac August-September 2012
HDHBD_XX	Billing Cycle Large Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2004 Through 2005
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) LgComSales (OUTPUT)	(5) LgComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) DennisKatrina (INPUT)	(10) Isaac (INPUT)	(11) HDHBD_01 (INPUT)	(12) HDHBD_02 (INPUT)	(13) HDHBD_03 (INPUT)	(14) HDHBD_12 (INPUT)
1	2004	JAN	514.082	498.563	295.430	6.628	0	0	0	152	0	0	0
2	2004	FEB	518.680	524.575	297.000	6.643	0	0	0	0	132	0	0
3	2004	MAR	512.057	511.051	298.210	6.647	0	0	0	0	0	61	0
4	2004	APR	524.919	522.610	299.140	6.657	0	0	0	0	0	0	0
5	2004	MAY	573.880	570.686	299.990	6.660	0	0	0	0	0	0	0
6	2004	JUN	665.568	671.175	300.840	6.673	0	0	0	0	0	0	0
7	2004	JUL	697.302	708.656	301.530	6.681	0	0	0	0	0	0	0
8	2004	AUG	704.637	705.369	301.790	6.683	0	0	0	0	0	0	0
9	2004	SEP	580.739	576.317	301.490	6.688	1	0	0	0	0	0	0
10	2004	OCT	652.378	624.166	301.110	6.701	0	0	0	0	0	0	0
11	2004	NOV	567.730	573.734	301.230	6.726	0	0	0	0	0	0	0
12	2004	DEC	504.853	524.115	302.260	6.715	0	0	0	0	0	0	62
13	2005	JAN	509.432	506.069	303.920	6.713	0	0	0	120	0	0	0
14	2005	FEB	515.920	514.762	305.570	6.733	0	0	0	0	94	0	0
15	2005	MAR	510.391	506.885	306.920	6.759	0	0	0	0	0	48	0
16	2005	APR	522.129	518.148	308.000	6.783	0	0	0	0	0	0	0
17	2005	MAY	561.501	552.892	308.900	6.824	0	0	0	0	0	0	0
18	2005	JUN	661.634	652.712	309.760	6.872	0	0	0	0	0	0	0
19	2005	JUL	685.299	686.762	310.790	6.918	0	1	0	0	0	0	0
20	2005	AUG	692.442	689.058	312.230	6.970	0	1	0	0	0	0	0
21	2005	SEP	697.644	696.782	314.110	7.018	0	1	0	0	0	0	0
22	2005	OCT	676.103	662.593	316.140	7.061	0	0	0	0	0	0	0
23	2005	NOV	548.773	550.257	317.860	7.075	0	0	0	0	0	0	0
24	2005	DEC	512.631	517.952	318.940	7.126	0	0	0	0	0	0	74

VARIABLE	DESCRIPTION
LgComSales	Billing Cycle Large Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
DennisKatrina	Binary Variable for Hurricanes Dennis and Katrina July-September 2005
Isaac	Binary Variable for Hurricane Isaac August-September 2012
HDHBD_XX	Billing Cycle Large Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2006 Through 2007
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) LgComSales (OUTPUT)	(5) LgComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) DennisKatrina (INPUT)	(10) Isaac (INPUT)	(11) HDHBD_01 (INPUT)	(12) HDHBD_02 (INPUT)	(13) HDHBD_03 (INPUT)	(14) HDHBD_12 (INPUT)
1	2006	JAN	500.930	496.140	319.410	7.171	0	0	0	87	0	0	0
2	2006	FEB	512.889	499.367	319.420	7.208	0	0	0	0	71	0	0
3	2006	MAR	516.252	510.465	319.140	7.245	0	0	0	0	0	39	0
4	2006	APR	551.176	529.741	318.760	7.279	0	0	0	0	0	0	0
5	2006	MAY	599.972	603.740	318.510	7.301	0	0	0	0	0	0	0
6	2006	JUN	684.252	672.802	318.570	7.305	0	0	0	0	0	0	0
7	2006	JUL	727.306	711.349	318.890	7.320	0	0	0	0	0	0	0
8	2006	AUG	716.825	727.370	319.400	7.329	0	0	0	0	0	0	0
9	2006	SEP	702.296	707.687	319.960	7.341	0	0	0	0	0	0	0
10	2006	OCT	638.758	618.651	320.460	7.355	0	0	0	0	0	0	0
11	2006	NOV	532.435	545.450	320.760	7.378	0	0	0	0	0	0	0
12	2006	DEC	516.915	511.869	320.780	7.401	0	0	0	0	0	0	96
13	2007	JAN	492.262	508.589	320.580	7.422	0	0	0	71	0	0	0
14	2007	FEB	531.039	516.950	320.330	7.472	0	0	0	0	144	0	0
15	2007	MAR	515.032	511.285	320.110	7.523	0	0	0	0	0	62	0
16	2007	APR	536.172	526.950	319.890	7.577	0	0	0	0	0	0	0
17	2007	MAY	586.649	585.633	319.640	7.630	0	0	0	0	0	0	0
18	2007	JUN	654.277	638.917	319.300	7.693	0	0	0	0	0	0	0
19	2007	JUL	701.546	704.852	318.780	7.754	0	0	0	0	0	0	0
20	2007	AUG	725.704	721.664	317.990	7.813	0	0	0	0	0	0	0
21	2007	SEP	709.296	724.726	316.940	7.872	0	0	0	0	0	0	0
22	2007	OCT	655.774	653.176	315.840	7.928	0	0	0	0	0	0	0
23	2007	NOV	533.137	542.103	314.960	7.981	0	0	0	0	0	0	0
24	2007	DEC	495.503	496.390	314.470	8.037	0	0	0	0	0	0	49

VARIABLE	DESCRIPTION
LgComSales	Billing Cycle Large Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
DennisKatrina	Binary Variable for Hurricanes Dennis and Katrina July-September 2005
Isaac	Binary Variable for Hurricane Isaac August-September 2012
HDHBD_XX	Billing Cycle Large Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules: Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2008 Through 2009
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) LgComSales (OUTPUT)	(5) LgComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) DennisKatrina (INPUT)	(10) Isaac (INPUT)	(11) HDHBD_01 (INPUT)	(12) HDHBD_02 (INPUT)	(13) HDHBD_03 (INPUT)	(14) HDHBD_12 (INPUT)
1	2008	JAN	495.441	513.018	314.070	8.091	0	0	0	115	0	0	0
2	2008	FEB	511.310	526.423	313.380	8.084	0	0	0	0	108	0	0
3	2008	MAR	505.733	502.078	312.150	8.072	0	0	0	0	0	62	0
4	2008	APR	518.018	533.127	310.610	8.063	0	0	0	0	0	0	0
5	2008	MAY	574.010	569.245	309.190	8.050	0	0	0	0	0	0	0
6	2008	JUN	677.523	660.033	308.170	8.039	0	0	0	0	0	0	0
7	2008	JUL	702.684	688.597	307.340	8.023	0	0	0	0	0	0	0
8	2008	AUG	716.873	685.393	306.340	8.012	0	0	0	0	0	0	0
9	2008	SEP	688.218	682.731	304.960	7.999	0	0	0	0	0	0	0
10	2008	OCT	608.059	598.943	303.330	8.067	0	0	0	0	0	0	0
11	2008	NOV	508.861	523.733	301.690	8.141	0	0	0	0	0	0	0
12	2008	DEC	494.227	485.099	300.230	8.227	0	0	0	0	0	0	92
13	2009	JAN	473.455	479.376	299.000	8.310	0	0	0	88	0	0	0
14	2009	FEB	502.359	496.593	298.060	8.461	0	0	0	0	137	0	0
15	2009	MAR	490.097	501.218	297.320	8.618	0	0	0	0	0	64	0
16	2009	APR	502.476	504.807	296.670	8.774	0	0	0	0	0	0	0
17	2009	MAY	559.057	555.296	295.980	8.933	0	0	0	0	0	0	0
18	2009	JUN	635.068	636.408	295.200	9.089	0	0	0	0	0	0	0
19	2009	JUL	690.147	690.965	294.430	9.254	0	0	0	0	0	0	0
20	2009	AUG	664.935	659.904	293.840	9.400	0	0	0	0	0	0	0
21	2009	SEP	634.016	631.432	293.580	9.550	0	0	0	0	0	0	0
22	2009	OCT	613.899	624.820	293.530	9.621	0	0	0	0	0	0	0
23	2009	NOV	501.370	510.467	293.500	9.680	0	0	0	0	0	0	0
24	2009	DEC	469.546	473.569	293.420	9.739	0	0	0	0	0	0	80

VARIABLE	DESCRIPTION
LgComSales	Billing Cycle Large Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
DennisKatrina	Binary Variable for Hurricanes Dennis and Katrina July-September 2005
Isaac	Binary Variable for Hurricane Isaac August-September 2012
HDHBD_XX	Billing Cycle Large Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2010 Through 2011
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) LgComSales (OUTPUT)	(5) LgComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) DennisKatrina (INPUT)	(10) Isaac (INPUT)	(11) HDHBD_01 (INPUT)	(12) HDHBD_02 (INPUT)	(13) HDHBD_03 (INPUT)	(14) HDHBD_12 (INPUT)
1	2010	JAN	497.637	508.382	293.400	9.793	0	0	0	222	0	0	0
2	2010	FEB	494.715	514.447	293.650	9.805	0	0	0	0	177	0	0
3	2010	MAR	486.123	505.455	294.300	9.812	0	0	0	0	0	143	0
4	2010	APR	481.182	485.071	295.280	9.818	0	0	0	0	0	0	0
5	2010	MAY	544.724	567.849	296.400	9.826	0	0	0	0	0	0	0
6	2010	JUN	643.718	644.134	297.500	9.831	0	0	0	0	0	0	0
7	2010	JUL	680.110	681.273	298.380	9.830	0	0	0	0	0	0	0
8	2010	AUG	706.799	705.268	298.870	9.849	0	0	0	0	0	0	0
9	2010	SEP	668.989	678.391	298.900	9.862	0	0	0	0	0	0	0
10	2010	OCT	602.036	593.701	298.750	9.873	0	0	0	0	0	0	0
11	2010	NOV	513.691	520.081	298.820	9.894	0	0	0	0	0	0	0
12	2010	DEC	480.432	484.840	299.350	9.901	0	0	0	0	0	0	127
13	2011	JAN	490.029	507.226	300.170	9.922	0	0	0	190	0	0	0
14	2011	FEB	495.967	527.006	300.880	9.879	0	0	0	0	163	0	0
15	2011	MAR	483.507	479.249	301.310	9.836	0	0	0	0	0	46	0
16	2011	APR	516.261	522.458	301.570	9.798	0	0	0	0	0	0	0
17	2011	MAY	559.618	563.336	301.860	9.757	0	0	0	0	0	0	0
18	2011	JUN	651.272	653.400	302.280	9.710	0	0	0	0	0	0	0
19	2011	JUL	694.648	674.642	302.640	9.668	0	0	0	0	0	0	0
20	2011	AUG	695.918	681.984	302.600	9.625	0	0	0	0	0	0	0
21	2011	SEP	664.214	651.958	302.000	9.585	0	0	0	0	0	0	0
22	2011	OCT	576.180	572.784	301.140	9.554	0	0	0	0	0	0	0
23	2011	NOV	496.457	485.918	300.500	9.540	0	0	0	0	0	0	0
24	2011	DEC	469.392	481.127	300.330	9.530	0	0	0	0	0	0	64

VARIABLE	DESCRIPTION
LgComSales	Billing Cycle Large Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
DennisKatrina	Binary Variable for Hurricanes Dennis and Katrina July-September 2005
Isaac	Binary Variable for Hurricane Isaac August-September 2012
HDHBD_XX	Billing Cycle Large Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
_X_ Prior Year Ended 12/31/13
_X_ Historical Year 2012
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) LgComSales (OUTPUT)	(5) LgComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) DennisKatrina (INPUT)	(10) Isaac (INPUT)	(11) HDHBD_01 (INPUT)	(12) HDHBD_02 (INPUT)	(13) HDHBD_03 (INPUT)	(14) HDHBD_12 (INPUT)
1	2012	JAN	455.355	450.641	300.340	9.510	0	0	0	64	0	0	0
2	2012	FEB	469.277	483.187	300.030	9.506	0	0	0	0	50	0	0
3	2012	MAR	481.143	488.416	299.150	9.524	0	0	0	0	0	20	0
4	2012	APR	528.707	530.616	298.040	9.499	0	0	0	0	0	0	0
5	2012	MAY	565.279	554.503	297.280	9.471	0	0	0	0	0	0	0
6	2012	JUN	643.890	617.944	297.270	9.462	0	0	0	0	0	0	0
7	2012	JUL	666.107	645.507	297.800	9.444	0	0	0	0	0	0	0
8	2012	AUG	649.847	654.599	298.480	9.359	0	0	1	0	0	0	0
9	2012	SEP	634.480	623.902	298.990	9.273	0	0	1	0	0	0	0
10	2012	OCT	599.287	572.693	299.290	9.178	0	0	0	0	0	0	0
11	2012	NOV	511.605		299.470	9.064	0	0	0	0	0	0	0
12	2012	DEC	479.297		299.570	8.949	0	0	0	0	0	0	76
13	2013	JAN	483.474		299.680	8.837	0	0	0	134	0	0	0
14	2013	FEB	494.606		299.840	8.743	0	0	0	0	117	0	0
15	2013	MAR	490.965		300.120	8.630	0	0	0	0	0	60	0
16	2013	APR	510.144		300.500	8.553	0	0	0	0	0	0	0
17	2013	MAY	564.149		300.950	8.482	0	0	0	0	0	0	0
18	2013	JUN	646.483		301.430	8.398	0	0	0	0	0	0	0
19	2013	JUL	689.920		301.950	8.321	0	0	0	0	0	0	0
20	2013	AUG	696.789		302.520	8.308	0	0	0	0	0	0	0
21	2013	SEP	680.038		303.110	8.296	0	0	0	0	0	0	0
22	2013	OCT	618.394		303.720	8.300	0	0	0	0	0	0	0
23	2013	NOV	527.852		304.300	8.303	0	0	0	0	0	0	0
24	2013	DEC	490.718		304.830	8.306	0	0	0	0	0	0	76

VARIABLE	DESCRIPTION
LgComSales	Billing Cycle Large Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
DennisKatrina	Binary Variable for Hurricanes Dennis and Katrina July-September 2005
Isaac	Binary Variable for Hurricane Isaac August-September 2012
HDHBD_XX	Billing Cycle Large Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
X Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
___ Historical Year 2012
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) LgComSales (OUTPUT)	(5) LgComSales (INPUT)	(6) NonMfgEmp (INPUT)	(7) ComPrice (INPUT)	(8) Ivan (INPUT)	(9) DennisKatrina (INPUT)	(10) Isaac (INPUT)	(11) HDHBD_01 (INPUT)	(12) HDHBD_02 (INPUT)	(13) HDHBD_03 (INPUT)	(14) HDHBD_12 (INPUT)
1	2014	JAN	493.203		305.340	8.310	0	0	0	134	0	0	0
2	2014	FEB	502.860		305.850	8.354	0	0	0	0	117	0	0
3	2014	MAR	497.543		306.410	8.399	0	0	0	0	0	60	0
4	2014	APR	515.466		307.050	8.444	0	0	0	0	0	0	0
5	2014	MAY	568.286		307.750	8.489	0	0	0	0	0	0	0
6	2014	JUN	649.307		308.510	8.533	0	0	0	0	0	0	0
7	2014	JUL	691.534		309.320	8.576	0	0	0	0	0	0	0
8	2014	AUG	697.949		310.210	8.619	0	0	0	0	0	0	0
9	2014	SEP	680.770		311.120	8.661	0	0	0	0	0	0	0
10	2014	OCT	618.866		312.050	8.705	0	0	0	0	0	0	0
11	2014	NOV	528.051		312.970	8.749	0	0	0	0	0	0	0
12	2014	DEC	490.647		313.860	8.795	0	0	0	0	0	0	76

VARIABLE	DESCRIPTION
LgComSales	Billing Cycle Large Commercial kWh per Customer per Billing Day
NonMfgEmp	Non-manufacturing Employment (000's)
ComPrice	12-Month Average of Real Commercial Price (cents per kWh)
Ivan	Binary Variable for Hurricane Ivan September 2004
DennisKatrina	Binary Variable for Hurricanes Dennis and Katrina July-September 2005
Isaac	Binary Variable for Hurricane Isaac August-September 2012
HDHBD_XX	Billing Cycle Large Commercial Heating Degree Hours per Billing Day for Month XX (01=January, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1992 Through 1993
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) Jan (INPUT)	(5) CDHBD_03 (INPUT)	(6) CDHBD_04 (INPUT)	(7) CDHBD_05 (INPUT)	(8) CDHBD_06 (INPUT)	(9) CDHBD_07 (INPUT)	(10) CDHBD_08 (INPUT)	(11) CDHBD_09 (INPUT)	(12) CDHBD_10 (INPUT)	(13) CDHBD_11 (INPUT)
1	1992	NOV	0	0	0	0	0	0	0	0	0	123
2	1992	DEC	0	0	0	0	0	0	0	0	0	0
3	1993	JAN	1	0	0	0	0	0	0	0	0	0
4	1993	FEB	0	0	0	0	0	0	0	0	0	0
5	1993	MAR	0	21	0	0	0	0	0	0	0	0
6	1993	APR	0	0	63	0	0	0	0	0	0	0
7	1993	MAY	0	0	0	152	0	0	0	0	0	0
8	1993	JUN	0	0	0	0	328	0	0	0	0	0
9	1993	JUL	0	0	0	0	0	439	0	0	0	0
10	1993	AUG	0	0	0	0	0	0	471	0	0	0
11	1993	SEP	0	0	0	0	0	0	0	433	0	0
12	1993	OCT	0	0	0	0	0	0	0	0	298	0
13	1993	NOV	0	0	0	0	0	0	0	0	0	130
14	1993	DEC	0	0	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
Jan	Monthly Binary Variable for January
CDHBD_XX	Billing Cycle Large Commercial Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1994 Through 1995
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) Jan (INPUT)	(5) CDHBD_03 (INPUT)	(6) CDHBD_04 (INPUT)	(7) CDHBD_05 (INPUT)	(8) CDHBD_06 (INPUT)	(9) CDHBD_07 (INPUT)	(10) CDHBD_08 (INPUT)	(11) CDHBD_09 (INPUT)	(12) CDHBD_10 (INPUT)	(13) CDHBD_11 (INPUT)
1	1994	JAN	1	0	0	0	0	0	0	0	0	0
2	1994	FEB	0	0	0	0	0	0	0	0	0	0
3	1994	MAR	0	50	0	0	0	0	0	0	0	0
4	1994	APR	0	0	107	0	0	0	0	0	0	0
5	1994	MAY	0	0	0	231	0	0	0	0	0	0
6	1994	JUN	0	0	0	0	334	0	0	0	0	0
7	1994	JUL	0	0	0	0	0	399	0	0	0	0
8	1994	AUG	0	0	0	0	0	0	385	0	0	0
9	1994	SEP	0	0	0	0	0	0	0	381	0	0
10	1994	OCT	0	0	0	0	0	0	0	0	265	0
11	1994	NOV	0	0	0	0	0	0	0	0	0	135
12	1994	DEC	0	0	0	0	0	0	0	0	0	0
13	1995	JAN	1	0	0	0	0	0	0	0	0	0
14	1995	FEB	0	0	0	0	0	0	0	0	0	0
15	1995	MAR	0	41	0	0	0	0	0	0	0	0
16	1995	APR	0	0	101	0	0	0	0	0	0	0
17	1995	MAY	0	0	0	218	0	0	0	0	0	0
18	1995	JUN	0	0	0	0	375	0	0	0	0	0
19	1995	JUL	0	0	0	0	0	434	0	0	0	0
20	1995	AUG	0	0	0	0	0	0	460	0	0	0
21	1995	SEP	0	0	0	0	0	0	0	467	0	0
22	1995	OCT	0	0	0	0	0	0	0	0	319	0
23	1995	NOV	0	0	0	0	0	0	0	0	0	133
24	1995	DEC	0	0	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
Jan	Monthly Binary Variable for January
CDHBD_XX	Billing Cycle Large Commercial Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1996 Through 1997
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) Jan (INPUT)	(5) CDHBD_03 (INPUT)	(6) CDHBD_04 (INPUT)	(7) CDHBD_05 (INPUT)	(8) CDHBD_06 (INPUT)	(9) CDHBD_07 (INPUT)	(10) CDHBD_08 (INPUT)	(11) CDHBD_09 (INPUT)	(12) CDHBD_10 (INPUT)	(13) CDHBD_11 (INPUT)
1	1996	JAN	1	0	0	0	0	0	0	0	0	0
2	1996	FEB	0	0	0	0	0	0	0	0	0	0
3	1996	MAR	0	50	0	0	0	0	0	0	0	0
4	1996	APR	0	0	53	0	0	0	0	0	0	0
5	1996	MAY	0	0	0	209	0	0	0	0	0	0
6	1996	JUN	0	0	0	0	393	0	0	0	0	0
7	1996	JUL	0	0	0	0	0	475	0	0	0	0
8	1996	AUG	0	0	0	0	0	0	463	0	0	0
9	1996	SEP	0	0	0	0	0	0	0	412	0	0
10	1996	OCT	0	0	0	0	0	0	0	0	268	0
11	1996	NOV	0	0	0	0	0	0	0	0	0	150
12	1996	DEC	0	0	0	0	0	0	0	0	0	0
13	1997	JAN	1	0	0	0	0	0	0	0	0	0
14	1997	FEB	0	0	0	0	0	0	0	0	0	0
15	1997	MAR	0	92	0	0	0	0	0	0	0	0
16	1997	APR	0	0	122	0	0	0	0	0	0	0
17	1997	MAY	0	0	0	168	0	0	0	0	0	0
18	1997	JUN	0	0	0	0	312	0	0	0	0	0
19	1997	JUL	0	0	0	0	0	435	0	0	0	0
20	1997	AUG	0	0	0	0	0	0	435	0	0	0
21	1997	SEP	0	0	0	0	0	0	0	431	0	0
22	1997	OCT	0	0	0	0	0	0	0	0	316	0
23	1997	NOV	0	0	0	0	0	0	0	0	0	83
24	1997	DEC	0	0	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
Jan	Monthly Binary Variable for January
CDHBD_XX	Billing Cycle Large Commercial Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 1998 Through 1999
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) Jan (INPUT)	(5) CDHBD_03 (INPUT)	(6) CDHBD_04 (INPUT)	(7) CDHBD_05 (INPUT)	(8) CDHBD_06 (INPUT)	(9) CDHBD_07 (INPUT)	(10) CDHBD_08 (INPUT)	(11) CDHBD_09 (INPUT)	(12) CDHBD_10 (INPUT)	(13) CDHBD_11 (INPUT)
1	1998	JAN	1	0	0	0	0	0	0	0	0	0
2	1998	FEB	0	0	0	0	0	0	0	0	0	0
3	1998	MAR	0	22	0	0	0	0	0	0	0	0
4	1998	APR	0	0	93	0	0	0	0	0	0	0
5	1998	MAY	0	0	0	224	0	0	0	0	0	0
6	1998	JUN	0	0	0	0	436	0	0	0	0	0
7	1998	JUL	0	0	0	0	0	499	0	0	0	0
8	1998	AUG	0	0	0	0	0	0	451	0	0	0
9	1998	SEP	0	0	0	0	0	0	0	422	0	0
10	1998	OCT	0	0	0	0	0	0	0	0	319	0
11	1998	NOV	0	0	0	0	0	0	0	0	0	153
12	1998	DEC	0	0	0	0	0	0	0	0	0	0
13	1999	JAN	1	0	0	0	0	0	0	0	0	0
14	1999	FEB	0	0	0	0	0	0	0	0	0	0
15	1999	MAR	0	35	0	0	0	0	0	0	0	0
16	1999	APR	0	0	118	0	0	0	0	0	0	0
17	1999	MAY	0	0	0	221	0	0	0	0	0	0
18	1999	JUN	0	0	0	0	333	0	0	0	0	0
19	1999	JUL	0	0	0	0	0	419	0	0	0	0
20	1999	AUG	0	0	0	0	0	0	474	0	0	0
21	1999	SEP	0	0	0	0	0	0	0	425	0	0
22	1999	OCT	0	0	0	0	0	0	0	0	267	0
23	1999	NOV	0	0	0	0	0	0	0	0	0	114
24	1999	DEC	0	0	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
Jan	Monthly Binary Variable for January
CDHBD_XX	Billing Cycle Large Commercial Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

Supporting Schedules: Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2000 Through 2001
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) Jan (INPUT)	(5) CDHBD_03 (INPUT)	(6) CDHBD_04 (INPUT)	(7) CDHBD_05 (INPUT)	(8) CDHBD_06 (INPUT)	(9) CDHBD_07 (INPUT)	(10) CDHBD_08 (INPUT)	(11) CDHBD_09 (INPUT)	(12) CDHBD_10 (INPUT)	(13) CDHBD_11 (INPUT)
1	2000	JAN	1	0	0	0	0	0	0	0	0	0
2	2000	FEB	0	0	0	0	0	0	0	0	0	0
3	2000	MAR	0	69	0	0	0	0	0	0	0	0
4	2000	APR	0	0	102	0	0	0	0	0	0	0
5	2000	MAY	0	0	0	205	0	0	0	0	0	0
6	2000	JUN	0	0	0	0	388	0	0	0	0	0
7	2000	JUL	0	0	0	0	0	480	0	0	0	0
8	2000	AUG	0	0	0	0	0	0	478	0	0	0
9	2000	SEP	0	0	0	0	0	0	0	424	0	0
10	2000	OCT	0	0	0	0	0	0	0	0	238	0
11	2000	NOV	0	0	0	0	0	0	0	0	0	150
12	2000	DEC	0	0	0	0	0	0	0	0	0	0
13	2001	JAN	1	0	0	0	0	0	0	0	0	0
14	2001	FEB	0	0	0	0	0	0	0	0	0	0
15	2001	MAR	0	50	0	0	0	0	0	0	0	0
16	2001	APR	0	0	99	0	0	0	0	0	0	0
17	2001	MAY	0	0	0	196	0	0	0	0	0	0
18	2001	JUN	0	0	0	0	355	0	0	0	0	0
19	2001	JUL	0	0	0	0	0	407	0	0	0	0
20	2001	AUG	0	0	0	0	0	0	422	0	0	0
21	2001	SEP	0	0	0	0	0	0	0	384	0	0
22	2001	OCT	0	0	0	0	0	0	0	0	219	0
23	2001	NOV	0	0	0	0	0	0	0	0	0	120
24	2001	DEC	0	0	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
Jan	Monthly Binary Variable for January
CDHBD_XX	Billing Cycle Large Commercial Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2002 Through 2003
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) Jan (INPUT)	(5) CDHBD_03 (INPUT)	(6) CDHBD_04 (INPUT)	(7) CDHBD_05 (INPUT)	(8) CDHBD_06 (INPUT)	(9) CDHBD_07 (INPUT)	(10) CDHBD_08 (INPUT)	(11) CDHBD_09 (INPUT)	(12) CDHBD_10 (INPUT)	(13) CDHBD_11 (INPUT)
1	2002	JAN	1	0	0	0	0	0	0	0	0	0
2	2002	FEB	0	0	0	0	0	0	0	0	0	0
3	2002	MAR	0	32	0	0	0	0	0	0	0	0
4	2002	APR	0	0	114	0	0	0	0	0	0	0
5	2002	MAY	0	0	0	282	0	0	0	0	0	0
6	2002	JUN	0	0	0	0	336	0	0	0	0	0
7	2002	JUL	0	0	0	0	0	409	0	0	0	0
8	2002	AUG	0	0	0	0	0	0	429	0	0	0
9	2002	SEP	0	0	0	0	0	0	0	415	0	0
10	2002	OCT	0	0	0	0	0	0	0	0	329	0
11	2002	NOV	0	0	0	0	0	0	0	0	0	128
12	2002	DEC	0	0	0	0	0	0	0	0	0	0
13	2003	JAN	1	0	0	0	0	0	0	0	0	0
14	2003	FEB	0	0	0	0	0	0	0	0	0	0
15	2003	MAR	0	43	0	0	0	0	0	0	0	0
16	2003	APR	0	0	110	0	0	0	0	0	0	0
17	2003	MAY	0	0	0	258	0	0	0	0	0	0
18	2003	JUN	0	0	0	0	356	0	0	0	0	0
19	2003	JUL	0	0	0	0	0	386	0	0	0	0
20	2003	AUG	0	0	0	0	0	0	397	0	0	0
21	2003	SEP	0	0	0	0	0	0	0	392	0	0
22	2003	OCT	0	0	0	0	0	0	0	0	235	0
23	2003	NOV	0	0	0	0	0	0	0	0	0	153
24	2003	DEC	0	0	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
Jan	Monthly Binary Variable for January
CDHBD_XX	Billing Cycle Large Commercial Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2004 Through 2005
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) Jan (INPUT)	(5) CDHBD_03 (INPUT)	(6) CDHBD_04 (INPUT)	(7) CDHBD_05 (INPUT)	(8) CDHBD_06 (INPUT)	(9) CDHBD_07 (INPUT)	(10) CDHBD_08 (INPUT)	(11) CDHBD_09 (INPUT)	(12) CDHBD_10 (INPUT)	(13) CDHBD_11 (INPUT)
1	2004	JAN	1	0	0	0	0	0	0	0	0	0
2	2004	FEB	0	0	0	0	0	0	0	0	0	0
3	2004	MAR	0	39	0	0	0	0	0	0	0	0
4	2004	APR	0	0	88	0	0	0	0	0	0	0
5	2004	MAY	0	0	0	192	0	0	0	0	0	0
6	2004	JUN	0	0	0	0	364	0	0	0	0	0
7	2004	JUL	0	0	0	0	0	421	0	0	0	0
8	2004	AUG	0	0	0	0	0	0	424	0	0	0
9	2004	SEP	0	0	0	0	0	0	0	385	0	0
10	2004	OCT	0	0	0	0	0	0	0	0	321	0
11	2004	NOV	0	0	0	0	0	0	0	0	0	195
12	2004	DEC	0	0	0	0	0	0	0	0	0	0
13	2005	JAN	1	0	0	0	0	0	0	0	0	0
14	2005	FEB	0	0	0	0	0	0	0	0	0	0
15	2005	MAR	0	29	0	0	0	0	0	0	0	0
16	2005	APR	0	0	72	0	0	0	0	0	0	0
17	2005	MAY	0	0	0	156	0	0	0	0	0	0
18	2005	JUN	0	0	0	0	351	0	0	0	0	0
19	2005	JUL	0	0	0	0	0	436	0	0	0	0
20	2005	AUG	0	0	0	0	0	0	437	0	0	0
21	2005	SEP	0	0	0	0	0	0	0	449	0	0
22	2005	OCT	0	0	0	0	0	0	0	0	357	0
23	2005	NOV	0	0	0	0	0	0	0	0	0	129
24	2005	DEC	0	0	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
Jan	Monthly Binary Variable for January
CDHBD_XX	Billing Cycle Large Commercial Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2006 Through 2007
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) Jan (INPUT)	(5) CDHBD_03 (INPUT)	(6) CDHBD_04 (INPUT)	(7) CDHBD_05 (INPUT)	(8) CDHBD_06 (INPUT)	(9) CDHBD_07 (INPUT)	(10) CDHBD_08 (INPUT)	(11) CDHBD_09 (INPUT)	(12) CDHBD_10 (INPUT)	(13) CDHBD_11 (INPUT)
1	2006	JAN	1	0	0	0	0	0	0	0	0	0
2	2006	FEB	0	0	0	0	0	0	0	0	0	0
3	2006	MAR	0	65	0	0	0	0	0	0	0	0
4	2006	APR	0	0	145	0	0	0	0	0	0	0
5	2006	MAY	0	0	0	250	0	0	0	0	0	0
6	2006	JUN	0	0	0	0	394	0	0	0	0	0
7	2006	JUL	0	0	0	0	0	481	0	0	0	0
8	2006	AUG	0	0	0	0	0	0	451	0	0	0
9	2006	SEP	0	0	0	0	0	0	0	415	0	0
10	2006	OCT	0	0	0	0	0	0	0	0	282	0
11	2006	NOV	0	0	0	0	0	0	0	0	0	96
12	2006	DEC	0	0	0	0	0	0	0	0	0	0
13	2007	JAN	1	0	0	0	0	0	0	0	0	0
14	2007	FEB	0	0	0	0	0	0	0	0	0	0
15	2007	MAR	0	47	0	0	0	0	0	0	0	0
16	2007	APR	0	0	113	0	0	0	0	0	0	0
17	2007	MAY	0	0	0	222	0	0	0	0	0	0
18	2007	JUN	0	0	0	0	341	0	0	0	0	0
19	2007	JUL	0	0	0	0	0	440	0	0	0	0
20	2007	AUG	0	0	0	0	0	0	476	0	0	0
21	2007	SEP	0	0	0	0	0	0	0	449	0	0
22	2007	OCT	0	0	0	0	0	0	0	0	332	0
23	2007	NOV	0	0	0	0	0	0	0	0	0	116
24	2007	DEC	0	0	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
Jan	Monthly Binary Variable for January
CDHBD_XX	Billing Cycle Large Commercial Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2008 Through 2009
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) Jan (INPUT)	(5) CDHBD_03 (INPUT)	(6) CDHBD_04 (INPUT)	(7) CDHBD_05 (INPUT)	(8) CDHBD_06 (INPUT)	(9) CDHBD_07 (INPUT)	(10) CDHBD_08 (INPUT)	(11) CDHBD_09 (INPUT)	(12) CDHBD_10 (INPUT)	(13) CDHBD_11 (INPUT)
1	2008	JAN	1	0	0	0	0	0	0	0	0	0
2	2008	FEB	0	0	0	0	0	0	0	0	0	0
3	2008	MAR	0	35	0	0	0	0	0	0	0	0
4	2008	APR	0	0	94	0	0	0	0	0	0	0
5	2008	MAY	0	0	0	210	0	0	0	0	0	0
6	2008	JUN	0	0	0	0	412	0	0	0	0	0
7	2008	JUL	0	0	0	0	0	464	0	0	0	0
8	2008	AUG	0	0	0	0	0	0	483	0	0	0
9	2008	SEP	0	0	0	0	0	0	0	434	0	0
10	2008	OCT	0	0	0	0	0	0	0	0	264	0
11	2008	NOV	0	0	0	0	0	0	0	0	0	86
12	2008	DEC	0	0	0	0	0	0	0	0	0	0
13	2009	JAN	1	0	0	0	0	0	0	0	0	0
14	2009	FEB	0	0	0	0	0	0	0	0	0	0
15	2009	MAR	0	49	0	0	0	0	0	0	0	0
16	2009	APR	0	0	93	0	0	0	0	0	0	0
17	2009	MAY	0	0	0	222	0	0	0	0	0	0
18	2009	JUN	0	0	0	0	366	0	0	0	0	0
19	2009	JUL	0	0	0	0	0	478	0	0	0	0
20	2009	AUG	0	0	0	0	0	0	421	0	0	0
21	2009	SEP	0	0	0	0	0	0	0	366	0	0
22	2009	OCT	0	0	0	0	0	0	0	0	321	0
23	2009	NOV	0	0	0	0	0	0	0	0	0	115
24	2009	DEC	0	0	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
Jan	Monthly Binary Variable for January
CDHBD_XX	Billing Cycle Large Commercial Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
_X_ Historical Years 2010 Through 2011
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) Jan (INPUT)	(5) CDHBD_03 (INPUT)	(6) CDHBD_04 (INPUT)	(7) CDHBD_05 (INPUT)	(8) CDHBD_06 (INPUT)	(9) CDHBD_07 (INPUT)	(10) CDHBD_08 (INPUT)	(11) CDHBD_09 (INPUT)	(12) CDHBD_10 (INPUT)	(13) CDHBD_11 (INPUT)
1	2010	JAN	1	0	0	0	0	0	0	0	0	0
2	2010	FEB	0	0	0	0	0	0	0	0	0	0
3	2010	MAR	0	6	0	0	0	0	0	0	0	0
4	2010	APR	0	0	67	0	0	0	0	0	0	0
5	2010	MAY	0	0	0	211	0	0	0	0	0	0
6	2010	JUN	0	0	0	0	390	0	0	0	0	0
7	2010	JUL	0	0	0	0	0	465	0	0	0	0
8	2010	AUG	0	0	0	0	0	0	509	0	0	0
9	2010	SEP	0	0	0	0	0	0	0	436	0	0
10	2010	OCT	0	0	0	0	0	0	0	0	293	0
11	2010	NOV	0	0	0	0	0	0	0	0	0	149
12	2010	DEC	0	0	0	0	0	0	0	0	0	0
13	2011	JAN	1	0	0	0	0	0	0	0	0	0
14	2011	FEB	0	0	0	0	0	0	0	0	0	0
15	2011	MAR	0	62	0	0	0	0	0	0	0	0
16	2011	APR	0	0	154	0	0	0	0	0	0	0
17	2011	MAY	0	0	0	236	0	0	0	0	0	0
18	2011	JUN	0	0	0	0	403	0	0	0	0	0
19	2011	JUL	0	0	0	0	0	486	0	0	0	0
20	2011	AUG	0	0	0	0	0	0	484	0	0	0
21	2011	SEP	0	0	0	0	0	0	0	421	0	0
22	2011	OCT	0	0	0	0	0	0	0	0	239	0
23	2011	NOV	0	0	0	0	0	0	0	0	0	95
24	2011	DEC	0	0	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
Jan	Monthly Binary Variable for January
CDHBD_XX	Billing Cycle Large Commercial Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
___ Projected Test Year Ended 12/31/14
_X_ Prior Year Ended 12/31/13
_X_ Historical Year 2012
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) Jan (INPUT)	(5) CDHBD_03 (INPUT)	(6) CDHBD_04 (INPUT)	(7) CDHBD_05 (INPUT)	(8) CDHBD_06 (INPUT)	(9) CDHBD_07 (INPUT)	(10) CDHBD_08 (INPUT)	(11) CDHBD_09 (INPUT)	(12) CDHBD_10 (INPUT)	(13) CDHBD_11 (INPUT)
1	2012	JAN	1	0	0	0	0	0	0	0	0	0
2	2012	FEB	0	0	0	0	0	0	0	0	0	0
3	2012	MAR	0	81	0	0	0	0	0	0	0	0
4	2012	APR	0	0	179	0	0	0	0	0	0	0
5	2012	MAY	0	0	0	249	0	0	0	0	0	0
6	2012	JUN	0	0	0	0	393	0	0	0	0	0
7	2012	JUL	0	0	0	0	0	438	0	0	0	0
8	2012	AUG	0	0	0	0	0	0	449	0	0	0
9	2012	SEP	0	0	0	0	0	0	0	409	0	0
10	2012	OCT	0	0	0	0	0	0	0	0	277	0
11	2012	NOV	0	0	0	0	0	0	0	0	0	128
12	2012	DEC	0	0	0	0	0	0	0	0	0	0
13	2013	JAN	1	0	0	0	0	0	0	0	0	0
14	2013	FEB	0	0	0	0	0	0	0	0	0	0
15	2013	MAR	0	46	0	0	0	0	0	0	0	0
16	2013	APR	0	0	104	0	0	0	0	0	0	0
17	2013	MAY	0	0	0	216	0	0	0	0	0	0
18	2013	JUN	0	0	0	0	364	0	0	0	0	0
19	2013	JUL	0	0	0	0	0	446	0	0	0	0
20	2013	AUG	0	0	0	0	0	0	449	0	0	0
21	2013	SEP	0	0	0	0	0	0	0	416	0	0
22	2013	OCT	0	0	0	0	0	0	0	0	286	0
23	2013	NOV	0	0	0	0	0	0	0	0	0	128
24	2013	DEC	0	0	0	0	0	0	0	0	0	0

VARIABLE	DESCRIPTION
Jan	Monthly Binary Variable for January
CDHBD_XX	Billing Cycle Large Commercial Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:
X Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
___ Historical Year 2012
Witness: R. J. Alexander

FORECASTING MODEL: LARGE COMMERCIAL ENERGY

(1) LINE NO.	(2) YEAR	(3) MONTH	(4) Jan (INPUT)	(5) CDHBD_03 (INPUT)	(6) CDHBD_04 (INPUT)	(7) CDHBD_05 (INPUT)	(8) CDHBD_06 (INPUT)	(9) CDHBD_07 (INPUT)	(10) CDHBD_08 (INPUT)	(11) CDHBD_09 (INPUT)	(12) CDHBD_10 (INPUT)	(13) CDHBD_11 (INPUT)
1	2014	JAN	1	0	0	0	0	0	0	0	0	0
2	2014	FEB	0	0	0	0	0	0	0	0	0	0
3	2014	MAR	0	46	0	0	0	0	0	0	0	0
4	2014	APR	0	0	104	0	0	0	0	0	0	0
5	2014	MAY	0	0	0	216	0	0	0	0	0	0
6	2014	JUN	0	0	0	0	364	0	0	0	0	0
7	2014	JUL	0	0	0	0	0	446	0	0	0	0
8	2014	AUG	0	0	0	0	0	0	449	0	0	0
9	2014	SEP	0	0	0	0	0	0	0	416	0	0
10	2014	OCT	0	0	0	0	0	0	0	0	286	0
11	2014	NOV	0	0	0	0	0	0	0	0	0	128
12	2014	DEC	0	0	0	0	0	0	0	0	0	0

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VARIABLE	DESCRIPTION
Jan	Monthly Binary Variable for January
CDHBD_XX	Billing Cycle Large Commercial Cooling Degree Hours per Billing Day for Month XX (03=March, etc.)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For a projected test year, provide a schedule of assumptions used in developing projected or estimated data. As a minimum, state assumptions used for balance sheet, income statement and sales forecast.

Type of Data Shown:
_X_Projected Test Year Ended 12/31/14
___Prior Year Ended 12/31/13
___Historical Year Ended 12/31/12
Witness: See Below

Index to Assumptions

28 Totals may not add due to rounding.

Supporting Schedules: B-3, B-7, B-9

Recap Schedules: B-1, C-1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

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Type of Data Shown:
_X_ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
___ Historical Year Ended 12/31/12
Witness: See Below

Index to Assumptions

21 Totals may not add due to rounding.

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For a projected test year, provide a schedule of assumptions used in developing projected or estimated data. As a minimum, state assumptions used for balance sheet, income statement and sales forecast.

Type of Data Shown:
_X_Projected Test Year Ended 12/31/14
___Prior Year Ended 12/31/13
___Historical Year Ended 12/31/12
Witness: R. J. Alexander

I. GENERAL ASSUMPTIONS

A. FORECAST OF CUSTOMER , ENERGY, PEAK DEMAND, AND REVENUE

(1)
Line
No.

Normal weather conditions were assumed in the development of energy sales and peak demand forecasts. Monthly normal weather is the average, over the past 20 years of cooling and heating degree hours based on temperatures measured at the National Oceanic and Atmospheric Administration (NOAA) weather station located in Pensacola, Florida.

Gulf projects that the economy in our service area will begin recovery in 2013 and continue until economic indicators either return to or exceed 2006 pre-recession levels by the end of 2015.

Economic projections were provided by Moody's Analytics, a well respected economic forecasting firm.

Gulf utilized its most recent DSM plan, which was approved by the Commission in Order No. PSC-11-0114-PAA-EG on February 11, 2011, to adjust forecasted sales and annual system peak demands for projected conservation impacts.

Base rate revenues were calculated using the FPSC approved rate schedules in effect at the time of the forecast.

YEAR ENDED DECEMBER, 2014 TEST YEAR GROWTH RATES

CUSTOMERS	1.3%
RETAIL KWH SALES	0.6%

Totals may not add due to rounding.

FLORIDA PUBLIC SERVICE COMMISSION

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DOCKET NO.: 130140-EI

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Type of Data Shown:
_X_ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
___ Historical Year Ended 12/31/12
Witness: See Below

I. GENERAL ASSUMPTIONS

B. TEST YEAR OPERATIONS AND MAINTENANCE BUDGET EXCLUDING FUEL AND PURCHASED POWER

(1) Line No.	(2) Item	(3) Amount	(4) Witness	(5) Assumption
1	1. Inflation Factor -		Ritenour	Bureau of Labor Statistics: Consumer Price Index (Urban Consumer); Moody's Analytics.
2	2013	2.7%		
3	2014	2.5%		
4	2. Retail Customers -			
5	Dec-2014	445,187	Alexander	Based on assumptions outlined in Section I.A. of this schedule and as described in direct testimony.
6	Growth rate	1.3%		
7	3. Retail Energy - MWH	11,154,278	Alexander	Derived using assumptions outlined in Section I.A. of this schedule and as described in direct testimony.
8	Growth rate	0.6%		
9				
10	4. Peak Demand - MW	2,522	Alexander	Projected using assumptions outlined in Section I.A. of this schedule and described in direct testimony
11	Growth rate	0.3%		
12	5. Forecasted Composite		Ritenour	Assumptions were based on inflation and current salary trends of other companies and utilities.
13	Wage and Salary			
14	Increase Guidelines			
15	- Exempt	3.00%		
16	- Non-exempt	3.00%		
17	- Covered	2.50%		

18 Totals may not add due to rounding.

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For a projected test year, provide a schedule of assumptions used in developing projected or estimated data. As a minimum, state assumptions used for balance sheet, income statement and sales forecast.

Type of Data Shown:
_X_ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
___ Historical Year Ended 12/31/12
Witness: See Below

I. GENERAL ASSUMPTIONS

B. TEST YEAR OPERATIONS AND MAINTENANCE BUDGET EXCLUDING FUEL AND PURCHASED POWER

(1) Line No.	(2) Item	(3) Amount (000's)	(4) Witness	(5) Assumption
1	6. January - December 2014			
2	Operations Expense (net of fuel and purchased power):		Ritenour	
3	Production	$ 69,921	Grove	Based on Planning Units' budgets which incorporate the above
4	Transmission	$ 19,911	Caldwell	assumptions and were developed using the process described in
5	Distribution	$ 20,461	McQuagge	MFR F-5 and direct testimony of each witness.
6	Customer Accounting	$ 25,850	Neyman	
7	Customer Service and Information	$ 38,602	Strickland	
8	Sales Expense	$ 1,391	Strickland	
9	Administrative and General	$ 88,309	Erickson	
10	Total Operations	$ 264,445		
11	7. January - December 2014			
12	Maintenance Expense:		Ritenour	
13	Production	$ 73,229	Grove	Based on Planning Units' budgets which incorporate the above
14	Transmission	$ 7,475	Caldwell	assumptions and were developed using the process described in
15	Distribution	$ 25,277	McQuagge	MFR F-5 and direct testimony of each witness.
16	Administrative and General	$ 687	Erickson	
17	Total Maintenance	$ 106,668		

18 Totals may not add due to rounding.

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FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For a projected test year, provide a schedule of assumptions used in developing projected or estimated data. As a minimum, state assumptions used for balance sheet, income statement and sales forecast.

Type of Data Shown:
_X_Projected Test Year Ended 12/31/14
___Prior Year Ended 12/31/13
___Historical Year Ended 12/31/12
Witness: See Below

I. GENERAL ASSUMPTIONS
C. TEST YEAR FINANCIAL ASSUMPTIONS

(1) Line No.	(2) Item	(3) Amount	(4) Witness	(5) Assumption
1	1. Interest Rates on Commercial Paper		Ritenour	Interest rate assumptions are provided by SCS Financial Planning based upon a market forecast by Moody's Analytics. The monthly amount of short term debt is reflected on Exhibit SDR-1, Schedule 7, page 2 of 3.
2	1st Quarter, 2014	0.60%		
3	2nd Quarter, 2014	0.65%		
4	3rd Quarter, 2014	0.90%		
5	4th Quarter, 2014	1.35%		
6	2. Interest Rates on Long-Term Debt; Issuances		Ritenour	The new issues of long-term debt are based on Gulf's need for additional external funds while maintaining the Company's target long-term debt ratio of 50%. $70 million is projected to be issued in April 2014, and $140 million in October 2014. There is one projected retirement for October 2014.
7	and Retirements of Long-Term Debt			
8	April 2014 ($70M Issuance)	5.85%		
9	October 2014 ($140M Issuance)	6.25%		
10	October 2014 ($75M Retirement)	4.90%		
11	3. Dividends to Southern Company	$ 120,560	Ritenour Teel	Based on projections of Southern Company's cash dividends to its shareholders and its net operating expenses. Southern's total cash requirement is then apportioned to the operating companies such that dividends paid to Southern are proportionate to Southern's common equity investment in the operating company.
12				
13				
14				
15	4. Dividends on Preference Stock	$ 8,880	Ritenour	The projected amount is calculated by multiplying each preference principal by its dividend rate and dividing by 12. The calculation is adjusted for any new issues and scheduled retirements.
16				
17				
18	5. Capital Contributions from	$ 120,798	Ritenour Teel	Based on Southern Company's ability to market new issues of its common stock and the operating company's need for external funds while maintaining the company's 45% common equity ratio.
19	Southern Company			
20				
21	6. Retirement of First Mortgage Bond	$ 0	Ritenour	There are none projected in the test year.
22	7. Retirement of Pollution Control Bond	$ 0	Ritenour	There are none projected in the test year.
23	8. Preference Stock Issues	$ 0	Ritenour	Based on Gulf's projected needs of cash and the company's target preference stock ratio of 5%. There are no preference stock issues forecasted in the test year.
24				
25	9. Pollution Control Bond Issue	$ 0	Ritenour	There are no Pollution Control Bond issues forecasted in the test year.
26	Totals may not add due to rounding.			

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FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For a projected test year, provide a schedule of assumptions used in developing projected or estimated data. As a minimum, state assumptions used for balance sheet, income statement and sales forecast.

Type of Data Shown:
_X_ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
___ Historical Year Ended 12/31/12
Witness: See Below

II. OPERATING ASSUMPTIONS
A. INCOME STATEMENT

(1) Line No.	(2) Item	(3) Amount (000's)	(4) Witness	(5) Assumption
1	1. Total Electric Revenue	$ 1,572,445	Ritenour Alexander	Base rate revenues (billed and unbilled) are input to the Financial Model. The monthly fuel clause revenues (billed and unbilled) are based on forecasted monthly recoverable fuel expense, interchange costs and MWH sales. Energy Conservation Cost Recovery clause revenues (billed and unbilled) are calculated based on forecasted monthly recoverable expenses and MWH sales. Purchased Power Capacity Clause revenues (billed and unbilled) are calculated based on monthly net pool capacity and non-associated purchase power agreements. Environmental Cost Recovery Clause revenues (billed and unbilled) are calculated based on qualified monthly environmental costs. Sales for Resale are derived from the Energy Budget described in MFR F-5. With the exception of Municipal Franchise Fees and County Franchise Fees, Other Operating Revenues are input based on an analysis of the accounts. Municipal Franchise Fees and County Franchise Fees are calculated using an input factor based on historical data.
11	2. Fuel & Emission Allowance Expense (without Fuel Handling)	$ 614,449	Ritenour Burroughs	The projected amount is derived from the Fuel Budget as described in MFR F-5. This expense is entered into the Financial Model by direct interface with the FUELPRO model.
13	3. Purchased Power	$ 88,019	Ritenour Grove	The projected amount is derived from the Interchange Budget as described in MFR F-5. This expense is entered into the Financial Model by direct interface with the PROSYM model.
15	4. Operations Expense (including Fuel Handling)	$ 264,445	Ritenour Grove Caldwell McQuagge Neyman Erickson Strickland	The projected amount is derived from the O&M Budget as described in Section I.B. of this schedule. These expenses are summarized and input into the Financial Model.
22	5. Maintenance Expense	$ 106,667	Ritenour Grove Caldwell McQuagge Erickson	The projected amount is derived from the O&M Budget as described in Section I.B. of this schedule. These expenses are summarized and input into the Financial Model.
27	6. Depreciation Expense	$ 149,469	Ritenour Erickson	The projected amount is calculated by Corporate Planning utilizing the Plant in Service inputs as described in Section III.A. of this MFR. This amount is the electric depreciation only; it excludes depreciation associated with transportation.
30	7. Amortization Expense	$ 6,884	Ritenour Erickson	The projected amount is input into the Financial Model based on projected Plant balances as described in Section III.A. of this MFR. It is electric only.
32	8. Amortization Expense Investment Tax Credit	$ (1,224)	Ritenour Erickson	The projected amount is the amortization of the Investment Tax Credits which are amortized over the life of related assets, pursuant to IRS regulations.
34	Totals may not add due to rounding.			

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Supporting Schedules: B-3, B-7, B-9

Recap Schedules: B-1, C-1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

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EXPLANATION: For a projected test year, provide a schedule of assumptions used in developing projected or estimated data. As a minimum, state assumptions used for balance sheet, income statement and sales forecast.

Type of Data Shown:
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Witness: See Below

II. OPERATING ASSUMPTIONS
A. INCOME STATEMENT

(1) Line No.	(2) Item	(3) Amount (000's)	(4) Witness	(5) Assumption
1	9. Taxes Other than Income Taxes	$ 111,773	Ritenour Erickson	All taxes other than income taxes are forecasted by applying actual, statutory, or average rates to the applicable tax base. These taxes include Florida Public Service Commission assessment fees, real and personal property taxes, gross receipts tax, franchise fees, state and federal unemployment tax, FICA, state motor vehicle licenses, federal highway use tax, and miscellaneous state and local taxes. The total amount is then reduced for taxes capitalized and taxes applicable to motor vehicles.
7	10. Federal and State Income Taxes	$ 67,168	Ritenour Erickson	Currently applicable federal and state income tax regulations are followed. The lowest possible tax payments are made currently. Assumptions include: - Federal tax rate = 35% - Full normalization of book and tax timing and basis differences - Current IRS rules are followed - State tax rate = 5.5% - State of Florida tax regulations utilized
14	11. AFUDC - Debt and Equity	$ 19,082	Ritenour	AFUDC Rate: 6.26% The AFUDC rate is calculated based on a 13-month average jurisdictional capital structure and is input into a compounding formula to arrive at the monthly AFUDC rate. The monthly rate is applied to the projected average monthly eligible CWIP balance.
18	12. Earnings on Temporary Cash	$ -	Ritenour	The projected amount is calculated by applying the applicable forecasted interest rate to the projected average monthly balance of temporary cash investments.
20	13. Other Income	$ 949	Ritenour	The projected amount includes the earnings on the funded portion of the property insurance reserve, as well as the projected earnings on the company's surge product activity.
23	14. Other Income Deductions	$ 4,139	Ritenour	The projected amount includes donations, civic membership, governmental expenses, and the amortization of Non-electric Investment Tax Credits.
25	15. Income Taxes on Other Income	$ (921)	Ritenour Erickson	Currently applicable federal and state income tax regulations are followed. The lowest possible tax payments are made currently. See item 10 of this section for assumptions.

27 Totals may not add due to rounding.

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Witness: See Below

II. OPERATING ASSUMPTIONS
A. INCOME STATEMENT

(1) Line No.	(2) Item	(3) Amount (000's)	(4) Witness	(5) Assumption
1	16. Interest on Long-Term Debt	$ 52,010	Ritenour	The projected amount is calculated by applying the coupon interest rate to the bond principal and dividing by 12. The calculation is adjusted for any new issues and scheduled retirements.
4	17. Interest on Pollution Control Debt	$ 9,532	Ritenour	The projected amount is calculated by applying the coupon interest rate to the bond principal and dividing by 12. The calculation is adjusted for any new issues and scheduled retirements.
7	18. Interest on Short-term Debt	$ 416	Ritenour	The projected amount is calculated by applying the forecasted short-term interest rates, as described in Section I.C. of this schedule, to the face amount of short-term debt projected to be outstanding.
10	19. Amortization of Debt Discount, Premium and Expense	$ 2,400	Ritenour	The projected amount is calculated based on the embedded amortization amounts. No adjustments are made for new debt issues. The interest rate on new debt issues is projected to include the effect of debt-related costs over the life of the debt issued.
13	20. Other Interest Expense	$ 814	Ritenour	The projected amount is calculated based on applying the budgeted rate to the projected average monthly balance of Customer Deposits.
15	21. Preference Dividends	$ 8,880	Ritenour	The projected amount is calculated by multiplying each preference principal by its dividend rate and dividing by 12. The calculation is adjusted for any new issues and scheduled retirements.
18	22. Net Income After Dividends on Preference Stock	$ 107,556		

20 Totals may not add due to rounding.

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Witness: R. W. Grove

II. OPERATING ASSUMPTIONS
B. AVERAGE ANNUAL NET UNIT HEAT

(1) Line No.	(2) Unit	(3) Average Net Heat Rates (BTU/KWH)
1	CRIST 4	11,981
2	CRIST 5	11,562
3	CRIST 6	11,553
4	CRIST 7	11,091
5	SCHOLZ 1	13,017
6	SCHOLZ 2	13,515
7	SMITH 1	10,524
8	SMITH 2	10,754
9	SMITH 3	7,145
10	SMITH A	0
11	DANIEL 1	10,576
12	DANIEL 2	10,634
13	PEA RIDGE 1	15,000
14	PEA RIDGE 2	15,000
15	PEA RIDGE 3	15,000
16	PERDIDO 1	9,900
17	PERDIDO 2	9,900

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FLORIDA PUBLIC SERVICE COMMISSION

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Witness: R. W. Grove

II. OPERATING ASSUMPTIONS
C. OUTAGE RATES FOR PROJECTED TEST YEAR

(1) Line No.	(2) Unit	(3) Equivalent Forced Outage Rate %
1	CRIST 4	1.0%
2	CRIST 5	1.0%
3	CRIST 6	4.0%
4	CRIST 7	4.0%
5	SCHOLZ 1	0.3%
6	SCHOLZ 2	1.2%
7	SMITH 1	2.1%
8	SMITH 2	1.8%
9	SMITH 3	0.8%
10	SMITH A	0.0%
11	DANIEL 1	3.7%
12	DANIEL 2	3.6%
13	PEA RIDGE 1	3.7%
14	PEA RIDGE 2	3.7%
15	PEA RIDGE 3	3.7%
16	PERDIDO 1	1.4%
17	PERDIDO 2	1.4%

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Witness: R. W. Grove

II. OPERATING ASSUMPTIONS

D. PLANNED MAINTENANCE FOR PROJECTED TEST YEAR

(1) Line No.	(2) Unit	(3) Start Date	(4) End Date	(5) Outage Duration (Days)	(6) Total Days
1	CRIST 4	04/12/14	05/11/14	30	30
2	CRIST 5	04/12/14	05/11/14	30	30
3	CRIST 6	09/20/14	11/16/14	58	58
4	CRIST 7	No Outage Planned			
5	SCHOLZ 1	No Outage Planned			
6	SCHOLZ 2	No Outage Planned			
7	SMITH 1	No Outage Planned			
8	SMITH 2	No Outage Planned			
9	SMITH 3	04/21/14	04/29/14	9	9
10		10/27/14	11/04/14	9	9
11	SMITH A	No Outage Planned			
12	DANIEL 1	02/08/14	02/16/14	9	9
13		04/12/14	04/20/14	9	9
14		11/15/14	12/28/14	44	44
15	DANIEL 2	02/08/14	04/20/14	72	72
16	PEA RIDGE 1 (a)	N/A	N/A	N/A	N/A
17	PEA RIDGE 2 (a)	N/A	N/A	N/A	N/A
18	PEA RIDGE 3 (a)	N/A	N/A	N/A	N/A
19	PERDIDO 1 (a)	N/A	N/A	N/A	N/A
20	PERDIDO 2 (a)	N/A	N/A	N/A	N/A

21 (a) Quarterly preventative maintenance performed on variable dates and durations.

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Witness: R. W. Grove

II. OPERATING ASSUMPTIONS
E. NET UNIT CAPACITY RATINGS FOR PROJECTED TEST YEAR

(1) Line No.	(2) Unit	(3) Net (Summer & Winter)
1	CRIST 4	75
2	CRIST 5	75
3	CRIST 6	299
4	CRIST 7	475
5	SCHOLZ 1	46
6	SCHOLZ 2	46
7	SMITH 1	162
8	SMITH 2	195
9	SMITH 3	556/584
10	SMITH A	32/40
11	DANIEL 1	255
12	DANIEL 2	255
13	PEA RIDGE 1	4/5
14	PEA RIDGE 2	4/5
15	PEA RIDGE 3	4/5
16	PERDIDO 1	1.5
17	PERDIDO 2	1.5

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Type of Data Shown:
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Witness: See Below

II. OPERATING ASSUMPTIONS

F. OTHER FUEL BUDGET ASSUMPTIONS FOR JANUARY 2014 - DECEMBER 2014

(1) Line No.	(2) Item	(3) Witness	(4) Assumption
1	1. System Generation Expansion Plan	Burroughs	a. Generation Expansion Plan as provided by System Planning.
2			b. Preliminary and commercial operation dates as provided by SCS.
3			c. Unit retirement dates as provided by the operating companies.
4	2. Load and KWH Energy Estimates	Alexander	a. Based on assumptions outlined in Section I.A. of this schedule and as described in direct testimony.
5		Grove	b. Sales to nonassociated companies as estimated by SCS.
6	3. Maintenance Schedules	Grove	Official maintenance schedules as provided to SCS by the operating
7			companies as shown in Section II.D. of this schedule.
8	4. Heat Rates	Grove	Heat rates provided by SCS.
9	5. Coal	Burroughs	a. Beginning Inventory Values as provided by the operating companies.
10			b. Desired plant inventory values as recommended by SCS Fuel Services and approved
11			by the operating companies.
12			c. Coal quality as provided by SCS Fuel Services.
13			d. Beginning prices (See MFR B-18)
14			(1) F.O.B. mine or loaded cost as recommended by SCS Fuel Services and
15			approved by the operating company involved. The actual billing cost
16			and recommended accruals per SCS Contract Administration records
17			for non cost-based contracts and committed spot. These values were
18			adjusted for typical Btu variance from contract values and appropriate
19			state use taxes were added, if applicable.
20			(2) Coal transportation cost on contract and spot as recommended by SCS
21			Fuel Services and approved by the operating company involved.
22			e. Price escalation rates.
23			(1) The escalation rates for contract, uncommitted spot, unknown contract
24			coal, and coal transportation and the timing thereof are reflected as
25			agreed to by the System Planning Coordination Team. These rates
26			include a background inflation forecast as well as a market forecast.

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Witness: See Below

II. OPERATING ASSUMPTIONS
F. OTHER FUEL BUDGET ASSUMPTIONS FOR JANUARY 2014 - DECEMBER 2014

(1) Line No.	(2) Item	(3) Witness	(4) Assumption
1	6. Oil	Burroughs	a. Beginning inventory values as provided by the operating companies.
2			b. Desired plant inventory levels for boiler lighter oil as provided by the operating companies.
3			c. Desired plant inventory levels of fuel oil for generation as established in the System Gas and Oil Policy.
4			d. Boiler lighter oil burn: Quantity projected to be burned as recommended by SCS and approved
5			by the operating company involved.
6			e. Oil quality--Btu/gallon and % sulfur content as recommended by SCS and
7			approved by the operating company involved.
8			f. Beginning prices. (See MFR B-18): Delivered prices in cents/MMBtu as recommended by
9			SCS and approved by the company involved.
10			g. Price escalation rates - The escalation rates for oil and the timing thereof are as
11			agreed to by the System Planning Coordination Team. These rates include a background
12			inflation forecast as well as a market forecast.
13	7. Natural Gas	Burroughs	a. Beginning gas storage (inventory) values as provided by the operating companies.
14			b. Desired gas storage levels as established in the System Gas and Oil Policy.
15			c. Natural gas availability - It is assumed that all natural gas required can be
16			obtained for the budget/forecast period.
17			d. Boiler lighter gas burn - Quantity projected to be burned as recommended by SCS and
18			approved by the operating company.
19			e. CC & CT gas burn - For all dual fired units, only natural gas is shown to be burned
20			in the budget/forecast.
21			f. Natural gas quality - Btu/mcf as recommended by SCS and approved by the operating
22			company involved.
23			g. Beginning prices: Delivered prices as recommended by SCS and approved by the
24			operating company involved.
25			h. Price escalation rates - The escalation rates for gas and the timing thereof are as
26			agreed to by the System Planning Coordination Team. These rates include a background
27			inflation forecast as well as a market forecast.

28 Totals may not add due to rounding.

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Witness: See Below

III. CAPITAL ADDITIONS ASSUMPTIONS
A. CONSTRUCTION EXPENDITURES

(1) Line No.	(2) Item	(3) Amount (000's)	(4) Witness	(5) Assumption
1	Construction Expenditures		Ritenour	
2	1. Production Plant	$ 302,424	Grove	Proposed additions and retirements of production plant are based on such factors as service life, forced outage rates, performance, operating experience, environmental regulations, technological improvements, obsolescence, additional requirements, etc.
5	2. Transmission	$ 114,936	Caldwell	Transmission project plans are cyclical in nature and reflect the nature of planning and maintaining a reliable and operable system. The increase in capital projects in 2014 reflects that cycle and the current need to maintain the infrastructure to support current and future load conditions along with any planned generation changes.
10	3. Distribution	$ 52,174	McQuagge	Proposed additions include distribution system improvements, asset management, pole inspection and replacement. Continue to fund programs related to system reliability such as investments in Smart Grid technologies and storm hardening upgrades of critical facilities.
13	4. General Plant	$ 8,448	McQuagge	Projected based on the need to replace general plant items such as vehicles, test equipment, tools, office equipment, and communication equipment that are no longer serviceable, and to insure an adequate number of such items are available so that the appropriate personnel can fulfill their job requirements in an effective and efficient manner.
18	5. Total Construction Expenditures	$ 477,982		

19 Totals may not add due to rounding.

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Witness: See Below

III. CAPITAL ADDITIONS ASSUMPTIONS
B. ELECTRIC PLANT IN SERVICE AND ACCUMULATED DEPRECIATION

(1) Line No.	(2) Item	(3) Amount (000's)	(4) Witness	(5) Assumption
1	1. Gross Additions to Plant:		Ritenour	The amounts are based on the 2013 Official Capital Additions Budget as approved by Gulf's management. Plant-in-Service amounts, in-service year, and plant classification were provided by the functional Planning Units.
2	Production	$ 117,378	Grove	
3	Transmission	$ 30,404	Caldwell	
4	Distribution	$ 58,085	McQuagge	
5	General Plant	$ 8,589	Ritenour/McQuagge	
6	Total Gross Additions to Plant	$ 214,456		
7	2. Retirements	$ 21,471	Ritenour	The amount was based on the 2013 Official Capital Additions Budget as approved by Gulf's management. Amounts, dates and function were provided by the functional Planning Units.
8				
9				
10	3. Net Salvage	$ 6,223	Ritenour	The amount was based on the 2013 Official Capital Additions Budget as approved by Gulf's management. Amounts, dates and function were provided by the functional Planning Units.
11				
12				
13	4. Depreciation and Amortization Rates	Various	Ritenour	With the exception of the AMI meter depreciation life of 15 years and non-AMI meter amortization of 8 years, as ordered in Docket No. 110138-EI, and the Perdido Landfill Facility depreciation rate of 5.0% approved by the Commission in Order No. PSC-10-0674-PAA-EI, issued on November 9, 2010 in Docket No. 100368-EI, depreciation and dismantlement expense is based on rates effective January 1, 2010, which were approved by the FPSC through Docket 090319-EI, FPSC Order No. PSC-10-0458-PAA-EI dated July 19, 2010.
14			Erickson	
15	5. Provision for Depreciation and Amortization Expenses	$ 157,904	Ritenour	The amount was projected by applying the FPSC approved rates and amortization amounts to the average monthly balance of depreciable plant by function. This amount is calculated by the Financial Model.
16			Erickson	
17				

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IV. BALANCE SHEET ASSUMPTIONS
A. 13-MONTH AVERAGE ASSETS

(1) Line No.	(2) Item	(3) Amount (000's)	(4) Witness	(5) Assumption
1	Utility Plant			
2	1. Electric Plant in Service	$ 4,480,719	Ritenour	The projected balances were derived by adding to the balance at December 31, 2012 the projected additions and deducting the projected retirements as described in Section III.B. of this schedule.
5	2. Electric Plant for Future Use	$ 18,456	Ritenour	The projected balances were derived by adding to the balance at December 31, 2012 the projected additions.
7	3. Construction Work in Progress	$ 409,402	Ritenour	The projected balances were calculated by adding to the balance at December 31, 2012, the 2013 budgeted construction expenditures through December 2014 and deducting the projected closings to Plant-In-Service as described in Section III.B. of this schedule.
10	4. Plant Acquisition Adjustment	$ 1,903	Ritenour	The projected balances were calculated by reducing each month's balance by the amount of amortization related to the Plant Acquisition Adjustment. Amortization is $21,276 per month.
13	5. Accumulated Provision for Depreciation and Amortization	($1,549,548)	Ritenour	The projected balances were calculated by adding to the balance at December 31, 2012, the projected provision for depreciation and net salvage values and deducting the projected retirements budgeted. The provision for depreciation was calculated using the methodology described in Section III.B. of this schedule. Retirements and Net Salvage were based on the 2013 Construction Budget.
18	6. Net Utility Plant	$ 3,360,932		
19	7. Other Special Funds	$ 98,654	Ritenour Erickson	The projected balance includes the funded portion of the property insurance reserve, plus interest accrued. The annual funding of the reserve occurs each January. The required funded balance is calculated by applying the effective after tax rate of 61.425% to the projected year-end balance of the property insurance reserve account each December. An additional amount necessary to achieve this balance is funded in January. The balance also includes the projected balance of the prepaid pension. The projected pension balance was derived by adding the projected annual accrual to the balance at December 31, 2012.
25	8. Non-Utility Property	$ 13,029	Ritenour	The projected balance was based on the actual balance at December 31, 2012 with adjustments made for additions through December 31, 2014.

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IV. BALANCE SHEET ASSUMPTIONS
A. 13-MONTH AVERAGE ASSETS

(1) Line No.	(2)	Item	(3) Amount (000's)	(4) Witness	(5) Assumption
1		Utility Plant cont.			
2 3	9.	Other Property and Investments-Other	$ 2,598	Ritenour	The projected balance was based on the actual balance at December 31, 2012 adjusted for projections for the Deferred Compensation Trust.
4	10.	Total Other Property and Investments	$ 114,281		
5		Current Assets			
6 7	11.	Cash	$ 6,011	Ritenour	The projected balance is maintained as a static balance by the Financial Model as an estimate that approximates operating cash requirements.
8 9	12.	Special Deposits	$ 18	Ritenour	The projected balance was based on the actual balance at December 31, 2012. No changes were projected for the test year.
10 11	13.	Working Funds	$ 378	Ritenour	The projected balance was based on the actual balance at December 31, 2012. No changes were projected for the test year.
12 13 14	14.	Temporary Cash Investments	$ 0	Ritenour	The projected balance is calculated by the Financial Model based on the projected sources and uses of funds. No balances are projected for the test year.
15 16 17	15.	Customer Accounts Receivable	$ 76,042	Ritenour	The projected balance was derived based on the December 31, 2012 actual balance, with changes forecasted based on a percentage of billed revenues during the period.
18 19	16.	Accrued Unbilled Revenue	$ 54,643	Ritenour	The projected balance was derived based on the December 31, 2012 actual balance adjusted for monthly net increase or decrease in unbilled revenue.
20 21	17.	Other Accounts and Notes Receivable	$ 12,455	Ritenour	The projected balance was derived based on December 31, 2012 actual balance adjusted for the monthly increase or decrease in receivables.

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Witness: See Below

IV. BALANCE SHEET ASSUMPTIONS
A. 13-MONTH AVERAGE ASSETS

(1) Line No.	(2) Item	(3) Amount (000's)	(4) Witness	(5) Assumption
1 2	18. Accumulated Provisions for Uncollectible Accounts	$ (1,740)	Ritenour	The projected balance was calculated by applying a historical ratio for uncollectibles to the monthly customer accounts receivable balance.
3 4 5	19. Receivables from Associated Companies	$ 13,374	Ritenour	The projected balance includes the Interchange transactions when Gulf is a net seller to the Southern Company pool, and an estimate of other miscellaneous receivables from associated companies.
6 7 8	20. Interest and Dividends Receivable	$ 25	Ritenour	Interest and Dividends Receivable is forecasted based on the projected temporary cash investment rate, based upon a market forecast by Moody's Analytics, multiplied by the funded portion of the forecasted property insurance reserve balance.
9 10	21. Fuel Stock	$ 91,848	Ritenour Burroughs	The projected balance is a function of the Fuel Budget as described in MFR F-5.
11 12 13 14 15 16 17 18 19 20 21 22	22. In-Transit Coal	$ 11,381	Ritenour Burroughs	The monthly projected tons of in transit coal inventory for Plants Crist and Smith is comprised of projected train shipments in route (not received at the transloading/blending facilities), operational coal inventory located at the transloading/blending facilities, loaded barges in route to the plants, and loaded barges waiting to be unloaded by the plants. The value of this in transit inventory is calculated by multiplying the projected tons in transit by the weighted average price of coal F.O.B. the barge for all coal shipments projected to occur during the year. The monthly projected tons of in transit coal inventory for Plants Daniel, Scholz, and Scherer is comprised of the prior 12 month actual average quantity (tons) of train shipments in route, not received at plant. The value of this in transit inventory for each plant is calculated by multiplying the projected tons in transit by the weighted average delivered price of coal for all coal shipments projected to occur to the respective plant during the year.
23 24 25 26	23. Plant Materials and Supplies	$ 60,376	Ritenour	The projected materials and supplies balance was derived based on historical and projected balances developed by the Procurement and Purchasing Department and the Power Delivery Department. The allowance inventory balances are based on generation.
27 28	24. Prepayments	$ 16,734	Ritenour	The projected balance was based on estimated insurance premiums and related amortization, long term service agreement, and other miscellaneous prepayments.

29 Totals may not add due to rounding.

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For a projected test year, provide a schedule of assumptions used in developing projected or estimated data. As a minimum, state assumptions used for balance sheet, income statement and sales forecast.

Type of Data Shown:
_X_ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
___ Historical Year Ended 12/31/12
Witness: See Below

IV. BALANCE SHEET ASSUMPTIONS
A. 13-MONTH AVERAGE ASSETS

(1) Line No.	(2) Item	(3) Amount (000's)	(4) Witness	(5) Assumption
1	25. Miscellaneous Current & Accrued	$ 4,357	Ritenour	The projected balance was based on the actual balance at December 31, 2012. No changes were projected for the test year.
3	26. Total Current Assets	$ 345,902		
4	Deferred Debits			
5	27. Unamortized Debt Expense	$ 7,455	Ritenour	The projected balance was derived based on the actual balance at December 31, 2012 reduced by monthly net amortization based on the embedded expenses.
7	28. Accumulated Deferred Income Taxes	$ 76,615	Ritenour Erickson	The projected balance was derived based on the actual balance at December 31, 2012 adjusted for the projected provisions and pay backs related to the property damage reserve, injuries and damages reserve, bad debt reserve, emission allowances, deferred revenues, and certain employee benefits.
11	29. Regulatory Tax Asset	$ 52,417	Ritenour Erickson	This amount is based on the actual balance at December 31, 2012, adjusted for estimated changes. This account appears on the balance sheet in compliance with FAS 109.
14	30. Unamortized Loss on Reacquired Debt	$ 14,387	Ritenour	The projected balance was derived based on the actual balance at December 31, 2012 reduced by monthly amortization.
16	31. Other Deferred Debits	$ 468,604	Ritenour	The projected balance was based on the actual balance at December 31, 2012 adjusted for the projected changes. This account includes preliminary survey investigation charges and miscellaneous other deferred debit items.
19	32. Total Deferred Debits	$ 619,478		
20	33. Total Assets	$ 4,440,593		

21 Totals may not add due to rounding.

Supporting Schedules: B-3, B-7, B-9

Recap Schedules: B-1, C-1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For a projected test year, provide a schedule of assumptions used in developing projected or estimated data. As a minimum, state assumptions used for balance sheet, income statement and sales forecast.

Type of Data Shown:
_X_ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
___ Historical Year Ended 12/31/12
Witness: S. D. Ritenour

IV. BALANCE SHEET ASSUMPTIONS
B. 13-MONTH AVERAGE CAPITALIZATION AND LIABILITIES

(1) Line No.	(2) Item	(3) Amount (000's)	(4) Witness	(5) Assumption
1	Capitalization			
2	1. Common Stock	$ 393,060	Ritenour	The projected balance was based on the December 31, 2012 actual balance. No changes were projected for the test year.
4	2. Other Paid-In Capital	$ 711,929	Ritenour	The projected balance was derived based on the actual balance at December 31, 2012 adjusted for the projected capital contribution from Southern Company as described in Section I.C. of this schedule.
7	3. Premium on Preference Stock	$ (2,002)	Ritenour	The projected balance was based on the December 31, 2012 actual balance. No changes were projected for the test year.
9	4. Retained Earnings	$ 226,986	Ritenour	The projected balance was derived based on the December 31, 2012 actual balance increase by the projected net income before preference less common and preference stock dividends declared.
12	5. Preference Stock	$ 150,000	Ritenour	The projected balance was derived based on the actual balance at December 31, 2012 adjusted for any projected retirements or issues of preference stock as outlined in Section I.C. of this schedule. There are no new issues of Preference Stock projected for the test year.
16	6. First Mortgage Bonds	$ 0	Ritenour	There is no projected balance for this item in the test year.
18	7. Pollution Control Liability	$ 308,955	Ritenour	The projected balance was derived based on the actual balance at December 31, 2012 adjusted for scheduled retirements as described in Section I.C. of this schedule. There are no new Pollution Control Liability issues projected for the test year.
21	8. Other Long Term Debt	$ 1,003,462	Ritenour	The projected balance was derived based on the actual balance at December 31, 2012 adjusted for projected issues and retirements as described in Section I. C. of this schedule.
23	9. Unamortized Debt Discount and Premium	$ (7,217)	Ritenour	The projected balance was derived based on the December 31, 2012 actual balance reduced by the monthly net amortization of discounts and premiums.
25	10. Total Capitalization	$ 2,785,173		

26 Totals may not add due to rounding.

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For a projected test year, provide a schedule of assumptions used in developing projected or estimated data. As a minimum, state assumptions used for balance sheet, income statement and sales forecast.

Type of Data Shown:
_X_ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
___ Historical Year Ended 12/31/12
Witness: See Below

IV. BALANCE SHEET ASSUMPTIONS
B. 13-MONTH AVERAGE CAPITALIZATION AND LIABILITIES

(1) Line No.	(2) Item	(3) Amount (000's)	(4) Witness	(5) Assumption
1	Current Liabilities			
2	11. Notes Payable	$ 51,663	Ritenour	The projected balance was calculated by the Financial Model based on the projected sources and uses of funds.
4	12. Construction Related Accounts Payable	$ 11,956	Ritenour	The projected balance was derived by applying a historical five year average ratio to monthly construction expenditures (less Plant Scherer expenditures). This account includes accounts payable - construction and contract retentions.
8	13. Other Accounts Payable	$ 60,757	Ritenour	The projected balance was derived using historical accounts payable ratios to fuel and other operations and maintenance expense applied to projected expenses for those accounts. Also included in this account is the monthly unaudited accounts payable invoices dealing with plant accounts.
13	14. Payables to Associated Companies	$ 38,012	Ritenour	The projected balance was derived by applying historical accounts payable ratios to fuel and other operations and maintenance expenses associated with co-owned plants plus monthly interchange transactions when Gulf is a net purchaser from the Southern Company pool.
17	15. Customer Deposits	$ 35,350	Ritenour Erickson	The projected balance was derived by calculating a customer change rate based upon projected customer counts and applying that rate to the prior balance in Customer Deposits to derive a monthly change in balance.

20 Totals may not add due to rounding.

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO. 130140-EI

EXPLANATION: For a projected test year, provide a schedule of assumptions used in developing projected or estimated data. As a minimum, state assumptions used for balance sheet, income statement and sales forecast.

Type of Data Shown:
_X_Projected Test Year Ended 12/31/14
___Prior Year Ended 12/31/13
___Historical Year Ended 12/31/12
Witness: See Below

IV. BALANCE SHEET ASSUMPTIONS
B. 13-MONTH AVERAGE CAPITALIZATION AND LIABILITIES

(1) Line No.	(2) Item	(3) Amount (000's)	(4) Witness	(5) Assumption
1	16. Taxes Accrued	$ 19,012	Ritenour Erickson	The projected balance was derived based on the December 31, 2012 actual balance plus projected monthly accruals from the income statement reduced by the estimated tax payments.
4	17. Interest Accrued	$ 13,378	Ritenour	The projected balance was calculated based on the interest rate and payment dates of embedded debt issues as of December 31, 2012 plus any issues or retirements. This account also includes amounts related to the interest on customer deposits.
8	18. Miscellaneous Accounts Payable	$ 0	Ritenour	There is no projected balance for this item in the test year.
10	19. Tax Collections Payable	$ 1,218	Ritenour	The projected balance was based on the historical relationship of taxes to their applicable base and a historical average for payroll taxes.
12	20. Accrued Vacations	$ 9,673	Ritenour	The projected balance was based on an analysis by the payroll department taking into account the number of employees, years of service and hourly rates.
15	21. Other Current Liabilities	$ 64,379	Ritenour	The projected balance was based on a 12-month historical average and adjusted for projected changes, combined with the projected dividends declared.
17	22. Total Current Liabilities	$ 305,398		

18 Totals may not add due to rounding.

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: For a projected test year, provide a schedule of assumptions used in developing projected or estimated data. As a minimum, state assumptions used for balance sheet, income statement and sales forecast.

Type of Data Shown:
_X_ Projected Test Year Ended 12/31/14
___ Prior Year Ended 12/31/13
___ Historical Year Ended 12/31/12
Witness: See Below

IV. BALANCE SHEET ASSUMPTIONS
B. 13-MONTH AVERAGE CAPITALIZATION AND LIABILITIES

(1) Line No.	(2) Item	(3) Amount (000's)	(4) Witness	(5) Assumption
1	Deferred Credits			
2	24. Unamortized Investment Tax Credits	$ 3,492	Ritenour Erickson	The projected balance was derived using the actual balance at December 31, 2012 reduced by the amortization of ITC based on the useful life of the asset giving rise to the tax credit.
5	25. Other Deferred Credits	$ 277,170	Ritenour	The projected balance was derived based on the actual balance at December 31, 2012 and the estimated monthly changes. This account includes deferred revenue on pole attachment rentals, and miscellaneous other deferred credit items.
9	26. Total Deferred Credits	$ 280,662		
10	27. Operating Reserves	$ 281,257	Ritenour	The projected balance was based on an estimate of the amounts needed to cover future contingencies.
12	28. Other Deferred Income Taxes	$ 783,584	Ritenour Erickson	The projected balance was derived based on the actual balance at December 31, 2012 adjusted for the projected provisions and paybacks related to loss on reacquired debt, certain employee benefits and the property related depreciation timing differences.
16	29. Regulatory Tax Liability	$ 4,519	Ritenour Erickson	This amount is based on the actual balance at December 31, 2012 adjusted for estimated changes. This account appears on the balance sheet in compliance with FAS 109.
19	30. Total Other Deferred	$ 788,103		
20	31. Total Capitalization and Liabilities	$ 4,440,593		

21 Totals may not add due to rounding.

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: GULF POWER COMPANY

DOCKET NO.: 130140-EI

EXPLANATION: Supply a proposed public notice of the company's request for a rate increase suitable for publication.

Type of Data Shown:
_X_Projected Test Year Ended 12/31/14
____Prior Year Ended 12/31/13
____Historical Year Ended 12/31/12
Witness: R. S. Teel

Line No.

On July 12, 2013, Gulf Power Company filed with the Florida Public Service Commission a request for approval to increase the Company's annual retail revenues. Currently, Gulf Power's residential price is lower than prices set in 2009. The proposed request, if approved, would increase the total bill in April 2014 for a residential customer buying 1,000 kilowatt-hours by $8.94 per month or 7.5 percent - from $118.88 to $127.82. The Company is requesting an additional increase in 2015 for transmission investment caused by mandatory federal environmental compliance requirements.

This filing can be found under Docket number 130140-EI.

The main reason for this request is that major investments have been made to maintain our electric system, to strengthen our existing infrastructure and to add new transmission lines. Gulf Power also must make investments in order to meet new mandatory federal environmental regulations. The increase that would take effect in 2015 is for compliance with new federal environmental regulations. This includes certain transmission lines put in place and control systems needed to meet more stringent federal regulations.

From 2012 through 2014, we are investing about $600 million dollars on maintenance, improvements and key transmission projects. These improvements are necessary to continue to provide reliable service to customers.

The present rates will remain in effect until new rates become operative under Florida Law. Copies of the rate case filing, including proposed rate schedules, are available for inspection at your local Gulf Power office. Company personnel are available at all Gulf Power offices to answer questions concerning this request. They may be contacted at the address or telephone number shown on your electric service bill.

For your information, we are providing contact information for the Florida Public Service Commission's Consumer Affairs Department.

Consumer Affairs Department
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0859
1-800-342-3552

The PSC will also accept faxes and emails.
Fax number: 1-800-511-0809
Email address: contact@psc.state.fl.us

Supporting Schedules: Recap Schedules: