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COMMISSION
CLERK

April 2, 2007

Ann Cole, Commission Clerk
Florida Public Service Commission
2540 Shumard Pak Boulevard
Tallahassee, Florida 32399-0850

070237-EG

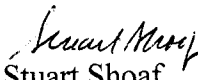
Re: Petition for approval of modifications to approved energy conservation programs

Dear Ms. Cole,

Enclosed for filing with the commission on behalf of St Joe Natural Gas Company, please find the original and 15 copies of St Joe's petition referenced above.

Please acknowledge your receipt of the enclosures, the date of their filing and the docket number assigned, on the enclosed copy of this letter, and return the same to me in the enclosed postage paid preaddressed envelop.

Very truly yours,


Stuart Shoaf
President

Enclosures

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FPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

02889 APR-3 5

FPSC-COMMISSION CLERK

ORIGINAL

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for Approval of)
Modifications to Approved Energy)
Conservation Programs and Adoption)
Of New Energy Conservation Programs)

DOCKET NO. 070237-EG
Filed: April 2, 2007

**PETITION OF ST. JOE NATURAL GAS COMPANY
FOR APPROVAL OF MODIFICATIONS TO APPROVED ENERGY CONSERVATION
PROGRAMS AND ADOPTION OF NEW ENERGY CONSERVATION PROGRAMS**

St. Joe Natural Gas Company, Inc., (the "Company" or "St. Joe"), hereby petitions the Commission for approval of modifications to its existing energy conservation programs and adoption of new appliance retention energy and consumer education conservation programs, and in support of its petition states:

1. The name, address and telephone number of the petitioner principal office is:

St. Joe Natural Gas Company, Inc.
P.O. Box 549
Port St. Joe, Florida 32456
(850) 229-8216

2. The name, mailing address and telephone number of the persons to whom notices, orders and correspondence regarding this petition should be served on:

are:

Stuart Shoaf, President
St. Joe Natural Gas Company, Inc.
P.O. Box 549
Port St. Joe, Florida 32456
(850) 229-8216

DOCUMENT NUMBER-DATE

02889 APR-3 5

FPSC-COMMISSION CLERK

BACKGROUND

3. St. Joe Natural Gas Company is a natural gas local distribution company ("LDC") providing sales service and transportation delivery of natural gas in the State of Florida, and is a public utility subject to the Commission's regulatory jurisdiction under Chapter 366, *Florida Statute*. The Company is requesting approval of modifications to its existing energy conservation programs and the adoption of new energy conservation programs, and its substantial interests will be affected by the Commission's determination on the merits of this petition.
4. The Company's conservation programs were last approved as cost effective by the Commission's Order No. PSC-98-0154-FOF-GU, issued in Docket No. 970478-GU on January 27, 1998 after the adoption of Rule 25-17.009, *Florida Administrative Code*.
5. The Company currently administers two (2) Commission approved energy conservation programs as described below:
 - (A) Single and Multi-Family Residential Homebuilder Program: The Company's residential homebuilder program increases the overall penetration of natural gas in the residential single and multi-family new construction market throughout St. Joe's service area. The overall objective of the program is to reduce the growth rates of electric consumption, increase the conservation of energy resources and minimize ratepayers' total energy cost. The program is designed to increase energy efficiency in the new home construction market through the installation of efficient gas appliances. The incentives offered to home builders are designed to assist in defraying the cost of gas piping, venting, appliance installation and other costs associated

with residential gas service. Incentives in the form of cash allowances are provided to home builders or residential developers who install energy efficient natural gas heating, water heating or cooling systems.

- (B) Electric Resistance Appliance Replacement Program The Company's appliance replacement programs are designed to encourage the replacement of inefficient electric resistance appliances with efficient natural gas appliances. The program seeks to reduce the growth rates of electric consumption and optimize the use of existing natural gas facilities. Participation in the program is open to current residential customers or potential customers (where the Company can feasibly extend service) who replace their electric resistance water heating, heating, or cooling systems with energy efficient natural gas appliances. Cash allowances are offered to reduce the homeowners cost of piping, venting and appliance installation.
6. All gas appliances installed under the program must demonstrate compliance with the applicable minimum efficiency standards established by the U.S. Department of Energy (See Uniform Test Method for Measuring the Energy Consumption of Water Heaters, Appendix E, and Furnaces, Appendix N, to Subpart B of 10 CFR Part 430, Energy and Water Conservation Standards and Effective Dates).

STATEMENT OF AFFECTED INTEREST

7. The Company is requesting approval of its energy conservation programs pursuant to Section 366.82(5), Florida Statutes and Rule 25-17.015, F.A.C. The Company's substantial interests in providing gas sales and transportation service cost-effectively to all of its customers and in implementing its energy conservation

programs for the benefit of its customers and in furtherance of the purposes of the Florida Energy Efficiency and Conservation Act, particularly Section 366.81, Florida Statutes, will be affected by the Commission's action on this petition.

THE COMPANY'S REQUEST

8. By this petition, the Company seeks the Commission's approval for the following modifications to its existing authorized energy conservation programs, and the adoption of new appliance retention and consumer education programs:

- Proposed Modification of Single and Multi-Family Residential Homebuilder Program: The Company's proposed program modification would increase the current cash allowances approved in its existing residential homebuilder program for the installation of natural gas storage tank water heating and heating systems, and add new allowances for cooking, clothes drying and tankless water heater natural gas appliances. The Company would propose no change to approved allowances for gas cooling and dehumidification systems installed in new residential construction. The Company further proposes to re-title the program the Residential New Construction Program.
- Proposed Modification of Water Heater Replacement Program: The Company's proposed program modification would increase the current cash allowances approved in its existing appliance replacement program for water heating and heating systems and add new allowances for cooking, clothes drying and tankless water heaters. The Company would propose no change to approved allowances for gas cooling and dehumidification systems installed in existing

residences. The Company further proposes to re-title the current program the Residential Appliance Replacement Program.

- Proposed Adoption of Residential Appliance Retention Program: Commission approval of the proposed Residential Appliance Retention Program would provide energy conservation allowances for natural gas water heating, heating systems, cooking and clothes drying appliances. In addition, a separate allowance for natural gas tankless water heaters is proposed.
- Proposed Adoption of Consumer Education Program: The Company seeks Commission approval of the proposed Consumer Education Program would enable the Company to recover the cost of promoting its conservation programs to eligible consumers.

9. The energy conservation program cash allowance amounts proposed in this petition are the result of a cooperative development effort among the member utilities of the Associated Gas Distributors of Florida ("AGDF"), which includes all of the regulated LDCs operating in Florida. Each of the member LDCs either administers an existing Commission-approved energy conservation program, or is actively planning to file a program. The residential conservation programs are especially critical to each LDC's ability to add and retain customers.
10. Over the past three years, four of the AGDF-member LDCs have participated in a joint natural gas education program principally directed toward disseminating energy conservation information. If the Commission approves its proposed Energy Conservation Program, the Company would also join this effort. The statewide "Get Gas Florida" campaign is directed primarily at educating the public about the availability of approved energy conservation programs that promote the use of

natural gas to decrease electric demand and increase the overall efficiency and cost-effectiveness of electricity and natural gas use in Florida. Pooling each LDC's conservation education funds in support of a common "Get Gas Florida" campaign reduces development costs and enables bulk purchasing discounts that greatly increase the coverage and effectiveness of the program. Current "Get Gas Florida" advertising stops short of promoting specific conservation allowances, since, until recent Commission action, the allowances were approved in different amounts for each LDC. Over the past year, AGDF-member LDCs have been working to establish Commission-approved energy conservation programs with identical cash allowance levels at each LDC. If and when all Florida LDCs are able to offer the same allowance amounts, the gas industry can deliver a more powerful and meaningful statewide message through its conservation related consumer education programs. AGDF members focused their initial efforts on developing consistent allowance amounts for the conservation programs directed toward the homebuilding industry, residential appliance replacement and appliance retention. The allowance amounts for new construction, appliance replacement and appliance retention proposed in this petition, and supported by Commission-required cost-effectiveness tests, are identical to the allowance levels recently approved by the Commission for Florida Public Utilities Company, Order No. PSC-06-0749-PAA-GU, issued on September 5, 2006; Peoples Gas System ("PGS"), Order No. PSC-06-0816-PAA-EG, issued on October 10, 2006; Florida City Gas ("FCG"), Order No. PSC-07-0122-PAA-EG, issued on February 12, 2007; and Chesapeake Utilities Corporation Florida Division ("CUCF"), Order No. PSC-07-0197-PAA-EG, issued on March 5, 2007.

Proposed Residential New Construction Program

11. The program is currently called the "Single and Multi-Family Residential Homebuilder Program," but would be re-titled the "Residential New Construction Program." The Company proposes an increase in its approved residential new construction program cash allowances for gas heating and water heating systems, and the expansion of its program to include gas cooking, clothes drying and tankless water heating systems. No change is proposed to the Company's currently approved gas cooling and dehumidification allowances. Expansion of the current program to include additional appliances would provide an incentive to homebuilders to install gas appliances other than heating and water heating and increase the program's overall effectiveness. The residential new construction allowances provided by the Company to reduce a homebuilder's house piping and appliance installation costs help bring initial natural gas installation costs in line with the installation costs of competitive energy sources. The overall cost benefit of selecting natural gas is positive for consumers. However, homebuilders are generally more influenced by initial construction costs than they are with a homeowner's long-term operating and maintenance costs. As the cost of housing in Florida has escalated over the past few years, builders have become even more cost sensitive. Providing a cash allowance for gas installations, as this program has done since its inception, helps mitigate a homebuilder's construction cost concerns and significantly improves the likelihood that efficient, clean-burning natural gas appliances will be provided to Florida homeowners.
12. The following chart depicts the Company's current and proposed residential new construction allowances per appliance. As noted above the Company's proposed

allowance levels are identical to those recently approved by the Commission for Florida Public Utilities, Peoples Gas System, Florida City and Chesapeake Utilities Corporation.

Residential New Construction Program Cash Allowances

	<u>Current</u>	<u>Proposed</u>
Gas Storage Tank Water Heating	\$175	\$350
Gas Tankless Water Heating	\$175	\$450
Gas Heating	\$250	\$350
Gas Cooking		\$100
Gas Clothes Drying		\$100
Gas Cooling and Dehumidification	\$1,400	\$1,400

13. Because of the relatively new and significantly more efficient technology that tankless natural gas water heating brings to Florida's energy future, the Company provides the following special discussion of this new technology. The Company believes that establishing a higher allowance amount for tankless units will significantly increase installations of these highly efficient water heaters. The tankless water heater market is growing rapidly in Florida and throughout the United States. Millions of tankless units are in operation throughout Europe and Asia. Natural gas utilities in the United States have begun to actively promote tankless technology for four principal reasons: First, the efficiency ratings of most gas-fired tankless units tested in accordance with U.S. Department of Energy test standards are well above .80 Energy Factor ("EF"), significantly higher than new storage tank water heaters (which typically have a .59 EF). The increased efficiency of tankless units results in substantial energy savings for homeowners. Second, most tankless units are installed outside a home's conditioned space and require no venting, reducing installation costs and eliminating the need for indoor

combustion air. Third, the exterior installation and elimination of a storage tank provide homebuilders with valuable additional interior square footage. Finally, the service life of a gas tankless unit is estimated at approximately 20 years, significantly longer than the approximate 12- to 14-year life of a standard storage tank water heater.

14. Tankless technology offers builders and homeowners a gas water heating system that, compared to storage tank systems, provides greater gallon-per-minute hot water production, greater recovery efficiency ratings and higher DOE EF ratings. Most tankless water heater manufacturers are voluntarily complying with the Federal Trade Commission's Appliance Labeling Rule (16 CFR Part 305), which provides a straightforward method for homebuilders, code officials and consumers to identify EF ratings. It should also be noted that the Florida Building Commission ("FBC") issued a declaratory statement in May 2005 (Case No. DCA05-DEC-034) indicating that gas fired tankless units are eligible to receive the highest level of energy efficiency credit available for gas water heaters in the Florida Energy Code whole house performance compliance methodology.
15. The installed cost of a residential gas tankless water heater with a gallon-per-minute capability sufficient to serve a typical residence (>6 gpm) and standard exterior installation is approximately \$1,350. A typical residential storage tank gas water heater installed in new construction averages approximately \$650. While the life-cycle cost benefits to consumers support the installation of tankless units, as indicated in the Participants Tests, the initial cost remains a hurdle to significant market penetration. The increased allowance could help the Company offset the additional expense to a homebuilder installing the high efficiency tankless units.

Residential Appliance Replacement Program

16. The program is currently called the “Electric Resistance Appliance Replacement Program,” but would be re-titled the “Residential Appliance Replacement Program.” The Company proposes an increase in its approved appliance replacement program cash allowances for gas heating and water heating systems, and the expansion of its program to include gas cooking, clothes drying and tankless water heater appliances. No change is proposed to the Company’s currently approved gas cooling and dehumidification allowances. Expansion of the current program to include additional appliances would provide an incentive to homeowners to install natural gas appliances other than the heating and water heating systems and increase the program’s effectiveness. The allowances for appliance replacement programs have typically been approved at higher levels than new construction or appliance retention allowances due to the increased cost associated with retrofitting an existing home with natural gas. Installing interior gas piping and venting in existing homes is more challenging than in new construction installations where piping and venting can be installed when walls, ceilings and floors are still open and accessible. The following chart indicates the current and proposed St. Joe appliance replacement allowances per appliance. The proposed allowances are identical to the allowances approved by the Commission for Florida City Gas, Florida Public Utilities Company, Peoples Gas System and Chesapeake Utilities Corporation, as described above.

Residential Appliance Replacement Program Cash Allowances

	<u>Current</u>	<u>Proposed</u>
Gas Storage Tank Water Heating	\$225	\$525
Gas Tankless Water Heating	\$225	\$525
Gas Heating	\$450	\$625
Gas Cooking		\$100
Gas Clothes Drying		\$100
Gas Cooling and Dehumidification	\$1,500	\$1,500

Residential Appliance Retention Program

17. The proposed Residential Appliance Retention Program is designed to encourage homeowners with existing natural gas appliances to retain natural gas when the existing appliances fail, or are otherwise replaced. The proposed retention program includes allowances for natural gas storage tank water heating, heating, clothes drying, and cooking appliances, and a separate allowance for natural gas tankless water heating systems. The Company recognizes that the cost to retain an existing customer is significantly lower than the cost to add a new customer. The proposed retention allowances will strengthen the Company's ability to retain existing gas customers and avoid the cost of meter removal and, ultimately, the cost of cutting and capping service lines (as is required by Commission rule). When a customer is lost, the typical cost to remove the meter and cut and cap the service is estimated at \$350 to \$500. Retaining customers also enhances the Company's ability to spread its fixed operating costs over a greater number of customers, thereby assisting in mitigating the need for future rate adjustments. All ratepayers benefit from the retention of revenues from an existing customer. Although the benefit of avoiding service termination costs for existing customers is significant, the Company has elected to present a conservative analysis and did

not include avoided cut-and-cap costs in the RIM Test cost-effectiveness calculations.

18. The following chart presents the Company's proposed Residential Appliance Retention Program allowances for each appliance. The proposed St. Joe appliance retention allowance levels are identical to the proposed allowances for its Residential New Construction Program. The proposed allowances are also identical to the allowances approved by the Commission for Florida City Gas, Florida Public Utilities Company, Peoples Gas System and Chesapeake Utilities Corporation, as described above.

Residential Appliance Retention Program Proposed Cash Allowances

	<u>Proposed</u>
Gas Storage Tank Water Heating	\$525
Gas Tankless Water Heating	\$525
Gas Heating	\$625
Gas Cooking	\$100
Gas Clothes Drying	\$100

19. Consistent with its proposed Residential New Construction Program allowance for gas tankless water heating systems, the Company proposes to establish a separate retention allowance for the installation of such systems in a higher amount than that for storage water heating systems. The service life of a storage tank water heater averages approximately 14 years, and the typical efficiency rating of a storage tank water heater installed in the early 1990's was .48 EF. Given the efficiency degradation that naturally occurs as storage tank units age, and the high EF ratings of most tankless water heaters (above .80 EF), it would not be unusual to expect a new tankless installation to be twice as efficient as the water heater to be replaced. The increased allowance for tankless water heaters

would help reduce the initial cost of upgrading an inefficient storage tank water heater. The Company seeks Commission approval to establish a \$450 allowance for gas tankless water heaters installed under the Residential Appliance Retention Program.

Energy Conservation Education Program

20. The Company proposes to implement an Energy Conservation Education Program to inform consumers of general energy conservation strategies and the opportunity to participate in the Company's proposed allowance programs. As part of this program, St. Joe would contribute to the Get Gas Florida consumer information effort. Each participating LDC contributes based on its number of active meters, and thus, based on its size, the Company's contribution would be approximately \$7,000 per year. In addition, the Company would contact its residential customers through direct mail, bill messages, and signage at its office location and local appliance dealers. Such consumer contacts would provide information on the Company's allowance programs and various methods to conserve energy in residential applications.

COST BENEFIT TESTS

21. The Company has followed the Commission-approved cost effectiveness test methodologies (RIM Test and Participants Test) required by Rule 25-17.009 and Form PSC/CMP/18, *Florida Public Service Commission Cost Effectiveness Manual for Natural Gas Utility Demand Side Management Programs*, to determine the cost-benefit of each proposed program modification and allowance level. Attached hereto as Exhibit A is a composite document containing the Company's

RIM and Participants Tests. The tests demonstrate the cost benefit of the proposed programs.

22. The appliance cost, appliance installation cost and energy usage data required to complete the RIM and Participants Tests were developed through a cooperative effort of members of AGDF. Historically, the Commission has allowed LDCs to use average appliance and usage data in preparing the RIM and Participants Tests. LDCs operating in multiple jurisdictions in the state have not filed multiple regional based conservation programs. The data used to produce the Company's RIM and Participants Tests are representative of appliance costs, installation costs and energy usage information on a statewide basis.
23. While many of the data elements included in this filing could be applied to any Florida LDC RIM or Participants Tests, there are several data elements that are applicable solely to the Company. For example, the Customer Charge and Energy Charge rates used in the analysis are the Company's current Commission-approved rates for its residential service rate class (Order No. PSC-01-1274-PAA-GU, issued on June 8, 2001).
24. The residential service line, meter and regulator investment costs used in the RIM Tests are as approved for the RS rate class in MFR Schedule E-7 in St. Joe's 2001 Rate Case Order, as noted above. There are no investment requirements for the retention program, given that the program applies to existing consumers. The incremental administrative cost and operations and maintenance cost relative to adding a new consumer through the Residential New Construction Program or Residential Appliance Replacement Program are based on O&M expense data from the 2001 Rate Case Order. The incremental O&M and administrative costs

for St. Joe were derived using a similar methodology as approved in the FPUC, PGS, FCG and CUC energy conservation filings referenced above. This methodology utilizes the growth-trended expenses in the 800-series and 900-series FERC accounts from each LDC's most recent rate proceeding, along with certain cost of service data from the same filing, to derive per customer expense amounts. However, at the time of the rate case filing the Company's was experiencing minimal customer growth. There were few growth-trended expenses in the MFR Schedules submitted with the Company's 2001 rate proceeding. The Company chose to calculate an average growth related expense ratios using data from the above listed LDCs, and then apply such ratios to its approved O&M expenses from its 2001 rate case. The RIM Tests also use St Joe's approved weighted average cost of capital (5.96%) from the 2001 Rate Case Order. The depreciation rates used in the RIM Tests are those approved by the Commission in the Company's 2003 Depreciation Study (Order No. PSC-03-1108-PAA-GU).

25. The cost of gas used in the RIM and Participants Tests is based on the Company's Purchased Gas Adjustment billing rate for February 2007. The cost of electricity was developed from a weighted average of the residential rates, including fuel adjustment rates, in place during April 2006 for the four largest Florida investor-owned Commission-regulated electric utilities.
26. The annual gas therm usage data by appliance used in the respective cost benefit tests is based on data developed by Peoples Gas System (PGS). In 1995, PGS conducted a gas appliance sub-metering research project for the specific purpose of developing residential usage data necessary for forecasting project feasibility and conservation filing cost benefit tests. The study sub-metered appliances in

over 300 PGS gas customer residences. The residences were selected throughout the PGS service area, in the north, central and south regions of the state. Consumption data was monitored for over a year.

27. Electric appliance Kwh usage data was obtained from several sources. Resistance water heating consumption data was developed using the November 2005 *Consumer's Directory of Certified Efficiency Ratings for Heating and Water Heating Equipment* published by the Gas Appliance Manufacturers Association ("GAMA"), a national trade association representing over 90 percent of all appliances (gas and electric) manufactured in the United States. Usage data for electric heat pumps was obtained from the EnergyGauge computer model (Version: FLR3SB v4.0) used to assess compliance with the Florida Energy Efficiency Code for Building Construction. Kwh usage data for electric cooking and clothes drying was derived from a standard Btu conversion of the gas therms from the PGS load research study to electric Kwh.
28. Obtaining appliance installation cost data was problematic for the AGDF project team. Cost data in the new residential construction market is difficult to obtain. For competitive reasons, most homebuilders are reluctant to provide individualized product or material costs, unless they are pricing an upgrade to their base home package. Subcontractors are equally reticent to publicly disclose component prices. In many cases, a subcontractor provides a package price for services that include gas appliance installations along with other non-gas products. For example, a plumbing contractor may provide a turn-key price for the potable water piping to a homebuilder that also includes installing the gas water heater. In addition, wholesale pricing from distributors becomes relatively meaningless given

the escalation in price mark-ups on new homes over the past few years. The AGDF project team determined that, given the above concerns, the most reliable cost data would be obtained from appliance retailers with a large Florida sales presence and from nationally recognized cost estimating publications in widespread use in the residential construction industry. The data developed from these sources were compared to internal cost information available through both the Company's and Florida Public Utility Company's ("FPUC's") retail appliance operation.

29. Appliance costs for storage tank water heaters, tankless water heaters, cooking equipment and clothes dryers was obtained from the Home Depot and Lowes web sites (www.homedepot.com and www.lowes.com). Retail cost data from both sources was available for both gas and electric appliances. Care was taken to ensure that comparable appliance models were selected for both fuel types. The appliances referenced above are available for retail purchase and delivery anywhere in the state at the prices quoted on the Home Depot or Lowes websites. Use of a major appliance retailer's published pricing provides the Commission verifiable, real world price data. In the Company's view, the retail Home Depot and/or Lowes prices provide a reasonable price point for inclusion in the RIM and Participants Tests. It should be noted that the National Energy Policy Act of 2005 provides for a \$300 tax credit to homeowners purchasing a water heater with an EF greater than .80. As noted above, virtually all gas-fired tankless units are rated above .80 EF. Although the tax credit is currently available for homeowner improvements, the Company elected to make a conservative analysis and has not

included the tax credit in its Participants Test analysis in the appliance replacement or appliance retention programs.

30. The installation costs for the above referenced appliances were developed through a combination of efforts. AGDF member companies surveyed local plumbers, air conditioning contractors and gas fitters to obtain installation pricing. Installation costs for gas heating and electric heat pumps were obtained from the "2006 R.S. Means Residential Construction Cost Data, 25th Annual Edition", construction cost estimating guide. The R.S. Means guide is a nationally recognized construction cost estimator. The costs for gas main installations (feeder main and development main) were jointly developed by the AGDF project team based on average cost data for installation of 2" plastic main (typical for residential projects).

CONCLUSION

31. The cash allowances for which approval is sought in each residential conservation program would be paid based on the installation of the applicable appliances. Multiple allowances would be paid for multiple appliance installations in a single residence.
32. The Company is not requesting any adjustments to its 2007 energy conservation cost recovery projections filed with the Commission in Docket No. 060004-GU. Any additional expense resulting from the new and modified programs approved by the Commission would be addressed in the next Commission true-up filing.
33. All requests for allowances under the Company's energy conservation programs received by the Company subsequent to the date of Commission approval of any new allowance amounts would be paid at the new allowance levels. In the event a home builder currently planning to install storage tank water heaters under an

existing agreement with the Company, decides to install tankless water heating, the Company would authorize payment of the increased tankless water heating allowance.

34. The Energy Conservation Programs proposed by St. Joe will promote the cost-effective conservation of energy in Florida, result in improved cost-effectiveness and efficiency of natural gas and electricity use in Florida, and benefit all of the Company's customers. The authorization of natural gas tankless water heater incentives will enable St. Joe to recognize and promote this significantly efficient technological advance in gas water heating to the benefit of all of the Company's customers. Each of the proposed programs and modifications meets the Commission-required cost effectiveness tests, is capable of being monitored, and will have an overall positive effect on energy conservation and efficiency in Florida. The proposed allowances are cost-effective, and the Company is therefore entitled to recover the costs of providing these allowances through an Energy Conservation Charge.

WHEREFORE, St Joe Natural Gas respectfully requests that the Commission enter its order granting this petition and the conservation plan modifications hereinabove described within ninety (90) days of the filing date of this petition.

Respectfully submitted,

Stuart Shoaf
President
St. Joe Natural Gas Company, Inc.
P.O. Box 549
Port St. Joe, Florida 32456
(850) 229-8216

Exhibit A

To

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Ratepayer Impact Measurement Test Results
Participants Test Results**

For

**Residential New Construction Program
Residential Appliance Replacement Program
Residential Appliance Retention Program**

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Residential New Construction Program
Summary of RIM Test and Participants Test Results**

	<u>Proposed Allowance</u>	<u>Participants Test</u>	<u>RIM Test</u>
Gas Storage Tank Water Heating	\$350	1.91	1.28
Gas Tankless Water Heating	\$450	1.66	1.20
Gas Heating	\$350	1.29	1.30
Gas Clothes Drying	\$100	1.61	1.28
Gas Cooking	\$100	1.56	1.26

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Residential New Construction Program
RIM Test and Participants Test Results**

For

Storage Tank Water Heating

St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
Participants Test - Cost Effective Results

Appliance Type
Storage Tank Water Heating

Year	Year Number	Benefits				Costs							
		Avoided Electric KWH Cost	Gas Rebate	Avoided Electric Appliance O&M	TOTAL BENEFITS	Gas Equipment Cost	Electric Equipment & Installation Cost	Gas Installation Cost	Gas Appliance O & M	Gas Supply Cost	Gas Energy Charge	Gas Customer Charge	TOTAL COSTS
		Table 1								Table 2	Table 3	Table 4	
		3	4	5	3 thru 6	7	8	9	10	11	12	13	7 thru 13
2006	1	\$536	\$350	\$36	\$922	\$259	(\$314)	\$400	\$36	\$115	\$85	\$46	\$626
2007	2	\$543	0	\$37	\$580	0	0	0	\$37	\$117	\$85	\$46	\$285
2008	3	\$550	0	\$38	\$588	0	0	0	\$38	\$120	\$85	\$46	\$288
2009	4	\$557	0	\$39	\$596	0	0	0	\$39	\$123	\$85	\$46	\$292
2010	5	\$564	0	\$40	\$604	0	0	0	\$40	\$126	\$85	\$46	\$296
2011	6	\$571	0	\$41	\$612	0	0	0	\$41	\$129	\$85	\$46	\$300
2012	7	\$578	0	\$42	\$620	0	0	0	\$42	\$132	\$85	\$46	\$304
2013	8	\$585	0	\$43	\$628	0	0	0	\$43	\$135	\$85	\$46	\$308
2014	9	\$592	0	\$44	\$636	0	0	0	\$44	\$139	\$85	\$46	\$313
2015	10	\$599	0	\$45	\$644	0	0	0	\$45	\$142	\$85	\$46	\$317
2016	11	\$607	0	\$46	\$652	0	0	0	\$46	\$145	\$85	\$46	\$321
2017	12	\$614	0	\$47	\$660	0	0	0	\$47	\$149	\$85	\$46	\$326
2018	13	\$621	0	\$48	\$669	0	0	0	\$48	\$153	\$85	\$46	\$331
2019	14	\$628	350	\$49	\$1,027	361	(438)	348	\$49	\$156	\$85	\$46	\$607
2020	15	\$635	0	\$50	\$685	0	0	0	\$50	\$160	\$85	\$46	\$340
2021	16	\$642	0	\$51	\$693	0	0	0	\$51	\$164	\$85	\$46	\$345
2022	17	\$649	0	\$53	\$702	0	0	0	\$53	\$168	\$85	\$46	\$351
2023	18	\$656	0	\$54	\$710	0	0	0	\$54	\$172	\$85	\$46	\$356
2024	19	\$663	0	\$55	\$718	0	0	0	\$55	\$176	\$85	\$46	\$361
2025	20	\$670	0	\$56	\$727	0	0	0	\$56	\$180	\$85	\$46	\$367

Present Value
of Benefits \$6,613

Present Value
of Costs \$3,455

Benefit/Cost Ratio	1.91
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**St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
Participants Test - Data**

Appliance Type
Storage Tank Water Heating

Escalation Rates		Elec Base Rates	0.0%
O&M Expense	2.4%	Fuel Rate	2.4%
Electric Fuel Adj.	2.4%	Gas Base Rates	0.0%

Electric KWH Cost - Table 1				
Year	Cost Per KWH	Annual KWH	Tax Rate	Electric Cost
A	B	C	D	B*C*(1+D)
2006	\$0.1020	4,773	10%	\$536
2007	\$0.1034	4,773	10%	\$543
2008	\$0.1047	4,773	10%	\$550
2009	\$0.1061	4,773	10%	\$557
2010	\$0.1074	4,773	10%	\$564
2011	\$0.1088	4,773	10%	\$571
2012	\$0.1101	4,773	10%	\$578
2013	\$0.1115	4,773	10%	\$585
2014	\$0.1128	4,773	10%	\$592
2015	\$0.1142	4,773	10%	\$599
2016	\$0.1155	4,773	10%	\$607
2017	\$0.1169	4,773	10%	\$614
2018	\$0.1182	4,773	10%	\$621
2019	\$0.1196	4,773	10%	\$628
2020	\$0.1209	4,773	10%	\$635
2021	\$0.1223	4,773	10%	\$642
2022	\$0.1236	4,773	10%	\$649
2023	\$0.1250	4,773	10%	\$656
2024	\$0.1263	4,773	10%	\$663
2025	\$0.1277	4,773	10%	\$670

Gas Supply Cost - Table 2				
Year	Cost Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.6136	170	10%	\$115
2007	\$0.6283	170	10%	\$117
2008	\$0.6434	170	10%	\$120
2009	\$0.6588	170	10%	\$123
2010	\$0.6746	170	10%	\$126
2011	\$0.6908	170	10%	\$129
2012	\$0.7074	170	10%	\$132
2013	\$0.7244	170	10%	\$135
2014	\$0.7418	170	10%	\$139
2015	\$0.7596	170	10%	\$142
2016	\$0.7778	170	10%	\$145
2017	\$0.7965	170	10%	\$149
2018	\$0.8156	170	10%	\$153
2019	\$0.8351	170	10%	\$156
2020	\$0.8552	170	10%	\$160
2021	\$0.8757	170	10%	\$164
2022	\$0.8967	170	10%	\$168
2023	\$0.9183	170	10%	\$172
2024	\$0.9403	170	10%	\$176
2025	\$0.9629	170	10%	\$180

Gas Energy Charge - Table 3				
Year	Rate Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.4530	170	10%	\$85
2007	\$0.4530	170	10%	\$85
2008	\$0.4530	170	10%	\$85
2009	\$0.4530	170	10%	\$85
2010	\$0.4530	170	10%	\$85
2011	\$0.4530	170	10%	\$85
2012	\$0.4530	170	10%	\$85
2013	\$0.4530	170	10%	\$85
2014	\$0.4530	170	10%	\$85
2015	\$0.4530	170	10%	\$85
2016	\$0.4530	170	10%	\$85
2017	\$0.4530	170	10%	\$85
2018	\$0.4530	170	10%	\$85
2019	\$0.4530	170	10%	\$85
2020	\$0.4530	170	10%	\$85
2021	\$0.4530	170	10%	\$85
2022	\$0.4530	170	10%	\$85
2023	\$0.4530	170	10%	\$85
2024	\$0.4530	170	10%	\$85
2025	\$0.4530	170	10%	\$85

Gas Customer Charge - Table 4							
Year	Monthly Customer Charge	Annual Customer Charge	Appliance Annual Therms	Total Annual Therms	Ratio - Appliance to Total	Tax Rate	Pro-Rated Customer Charge
A	B	C	D	E	D/E	G	C*(D/E)*(1+Z)
2006	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2007	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2008	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2009	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2010	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2011	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2012	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2013	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2014	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2015	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2016	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2017	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2018	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2019	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2020	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2021	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2022	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2023	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2024	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2025	\$9.00	\$108.00	170	443	38.37%	10%	\$46

St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
RIM Test - Results

Appliance Type Storage Tank Water Heating

	Incremental Revenue Energy Charge	Incremental Revenue Cost of Gas	Incremental Revenue Cust. Charge	Total Gas Revenue	Gas Supply Cost	Investment Carrying Costs	Incremental Customer Costs	Program Cost	Total Costs
	Table 1	Table 1A	Table 2		Table 5	Table 3	Table 4		
1	2	3	4	2 thru 4	6	7	8	9	6 thru 9
2006	\$77	\$104	\$41	\$223	\$104	\$12	\$9	\$350.00	\$475
2007	\$77	\$107	\$41	\$225	\$107	\$11	\$9	\$0.00	\$128
2008	\$77	\$109	\$41	\$228	\$109	\$11	\$9	\$0.00	\$130
2009	\$77	\$112	\$41	\$230	\$112	\$11	\$10	\$0.00	\$132
2010	\$77	\$115	\$41	\$233	\$115	\$10	\$10	\$0.00	\$135
2011	\$77	\$117	\$41	\$236	\$117	\$10	\$10	\$0.00	\$138
2012	\$77	\$120	\$41	\$239	\$120	\$10	\$10	\$0.00	\$140
2013	\$77	\$123	\$41	\$242	\$123	\$9	\$10	\$0.00	\$143
2014	\$77	\$126	\$41	\$245	\$126	\$9	\$11	\$0.00	\$146
2015	\$77	\$129	\$41	\$248	\$129	\$9	\$11	\$0.00	\$149
2016	\$77	\$132	\$41	\$251	\$132	\$8	\$12	\$0.00	\$152
2017	\$77	\$135	\$41	\$254	\$135	\$8	\$12	\$0.00	\$155
2018	\$77	\$139	\$41	\$257	\$139	\$8	\$12	\$0.00	\$158
2019	\$77	\$142	\$41	\$260	\$142	\$7	\$12	\$350.00	\$512
2020	\$77	\$145	\$41	\$264	\$145	\$7	\$12	\$0.00	\$165
2021	\$77	\$149	\$41	\$267	\$149	\$7	\$13	\$0.00	\$168
2022	\$77	\$152	\$41	\$271	\$152	\$7	\$13	\$0.00	\$172
2023	\$77	\$156	\$41	\$275	\$156	\$6	\$13	\$0.00	\$176
2024	\$77	\$160	\$41	\$278	\$160	\$6	\$14	\$0.00	\$180
2025	\$77	\$164	\$41	\$282	\$164	\$6	\$14	\$0.00	\$184

Present Value
of Benefits

\$2,383

Present Value
of Costs

\$1,861

Benefit/Cost
Ratio

1.28

St. Joe Gas Company - Energy Conservation Filing 2007

Residential New Construction Program

RIM Test - Calculated Data

Appliance Type
Storage Tank Water Heating

Fuel Rate Escalator	2.4%	Depreciation Rate - Supply Main	3.30%
Gas Energy Charge Escalator	0%	Depreciation Rate - Development Main	3.30%
Gas Customer Charge Escalator	0%	Depreciation Rate - Service Line	3.50%
O&M/Inflation Escalator	2.4%	Depreciation Rate - Meter	4.10%

Table 1

Revenue - Energy Charge			
1	2	3	2*3
Year	Therms	Base Rate	Total Charge
2006	170	\$0.4530	\$77
2007	170	\$0.4530	\$77
2008	170	\$0.4530	\$77
2009	170	\$0.4530	\$77
2010	170	\$0.4530	\$77
2011	170	\$0.4530	\$77
2012	170	\$0.4530	\$77
2013	170	\$0.4530	\$77
2014	170	\$0.4530	\$77
2015	170	\$0.4530	\$77
2016	170	\$0.4530	\$77
2017	170	\$0.4530	\$77
2018	170	\$0.4530	\$77
2019	170	\$0.4530	\$77
2020	170	\$0.4530	\$77
2021	170	\$0.4530	\$77
2022	170	\$0.4530	\$77
2023	170	\$0.4530	\$77
2024	170	\$0.4530	\$77
2025	170	\$0.4530	\$77

Table 1a

Revenue - Cost of Gas			
1	2	4	2*3
Year	Therms	Fuel Rate	Total Charge
2006	170	\$0.8136	\$104
2007	170	\$0.8283	\$107
2008	170	\$0.8434	\$109
2009	170	\$0.8588	\$112
2010	170	\$0.8746	\$115
2011	170	\$0.8908	\$117
2012	170	\$0.9074	\$120
2013	170	\$0.9244	\$123
2014	170	\$0.9418	\$126
2015	170	\$0.9596	\$129
2016	170	\$0.9778	\$132
2017	170	\$0.9965	\$135
2018	170	\$0.8156	\$139
2019	170	\$0.8351	\$142
2020	170	\$0.8552	\$145
2021	170	\$0.8757	\$149
2022	170	\$0.8967	\$152
2023	170	\$0.9183	\$156
2024	170	\$0.9403	\$160
2025	170	\$0.9629	\$164

Table 2

Revenue - Customer Charge				
1	2	3	4	4*3
Year	Monthly Customer Charge	Annual Customer Charge	Ratio Therms To Total Consumed	Prorated Annual Customer Charge
2006	\$9.00	\$108.00	38.37%	\$41
2007	\$9.00	\$108.00	38.37%	\$41
2008	\$9.00	\$108.00	38.37%	\$41
2009	\$9.00	\$108.00	38.37%	\$41
2010	\$9.00	\$108.00	38.37%	\$41
2011	\$9.00	\$108.00	38.37%	\$41
2012	\$9.00	\$108.00	38.37%	\$41
2013	\$9.00	\$108.00	38.37%	\$41
2014	\$9.00	\$108.00	38.37%	\$41
2015	\$9.00	\$108.00	38.37%	\$41
2016	\$9.00	\$108.00	38.37%	\$41
2017	\$9.00	\$108.00	38.37%	\$41
2018	\$9.00	\$108.00	38.37%	\$41
2019	\$9.00	\$108.00	38.37%	\$41
2020	\$9.00	\$108.00	38.37%	\$41
2021	\$9.00	\$108.00	38.37%	\$41
2022	\$9.00	\$108.00	38.37%	\$41
2023	\$9.00	\$108.00	38.37%	\$41
2024	\$9.00	\$108.00	38.37%	\$41
2025	\$9.00	\$108.00	38.37%	\$41

Table 3

Investment Carrying Costs							
1	2	3	4	5	6	7	6*7*8
Year	Supply Main	Development Main	Service Line	Meter	Total Investment	Cost of Debt	Ratio of Therms Consumed To Total Investment
2006	\$50	\$140	\$234	\$93	\$517	5.96%	38.37%
2007	\$48	\$135	\$226	\$89	\$498	5.96%	38.37%
2008	\$46	\$131	\$218	\$85	\$480	5.96%	38.37%
2009	\$44	\$127	\$210	\$82	\$463	5.96%	38.37%
2010	\$43	\$123	\$203	\$79	\$448	5.96%	38.37%
2011	\$42	\$119	\$196	\$76	\$433	5.96%	38.37%
2012	\$41	\$115	\$189	\$73	\$418	5.96%	38.37%
2013	\$40	\$111	\$182	\$70	\$403	5.96%	38.37%
2014	\$39	\$107	\$176	\$67	\$389	5.96%	38.37%
2015	\$38	\$103	\$170	\$64	\$375	5.96%	38.37%
2016	\$37	\$100	\$164	\$61	\$362	5.96%	38.37%
2017	\$36	\$97	\$158	\$58	\$349	5.96%	38.37%
2018	\$35	\$94	\$152	\$56	\$337	5.96%	38.37%
2019	\$34	\$91	\$147	\$54	\$326	5.96%	38.37%
2020	\$33	\$88	\$142	\$52	\$315	5.96%	38.37%
2021	\$32	\$85	\$137	\$50	\$304	5.96%	38.37%
2022	\$31	\$82	\$132	\$48	\$293	5.96%	38.37%
2023	\$30	\$79	\$127	\$46	\$282	5.96%	38.37%
2024	\$29	\$76	\$123	\$44	\$272	5.96%	38.37%
2025	\$28	\$73	\$119	\$42	\$262	5.96%	38.37%

Table 4

Incremental Customer Costs							
1	2	3	4	5=3*4	6	7	8=6*7
Year	Monthly Adm. Cost	Annual Adm. Cost	Ratio Therms To Total Consumed	Annual Ratio Adm. Cost	Annual O&M Cost	Ratio Therms To Total Consumed	Annual Ratio O&M Cost
2006	\$1.02	\$12	38.37%	\$4.60	\$11.16	38.37%	\$4
2007	\$1.04	\$13	38.37%	\$4.99	\$11.43	38.37%	\$4
2008	\$1.07	\$13	38.37%	\$4.99	\$11.70	38.37%	\$4
2009	\$1.10	\$13	38.37%	\$4.99	\$11.98	38.37%	\$5
2010	\$1.12	\$13	38.37%	\$4.99	\$12.27	38.37%	\$5
2011	\$1.15	\$14	38.37%	\$5.37	\$12.57	38.37%	\$5
2012	\$1.18	\$14	38.37%	\$5.37	\$12.87	38.37%	\$5
2013	\$1.20	\$14	38.37%	\$5.37	\$13.18	38.37%	\$5
2014	\$1.23	\$15	38.37%	\$5.76	\$13.49	38.37%	\$5
2015	\$1.26	\$15	38.37%	\$5.76	\$13.82	38.37%	\$5
2016	\$1.29	\$16	38.37%	\$6.14	\$14.15	38.37%	\$5
2017	\$1.32	\$16	38.37%	\$6.14	\$14.49	38.37%	\$6
2018	\$1.36	\$16	38.37%	\$6.14	\$14.83	38.37%	\$6
2019	\$1.39	\$17	38.37%	\$6.52	\$15.19	38.37%	\$6
2020	\$1.42	\$17	38.37%	\$6.52	\$15.55	38.37%	\$6
2021	\$1.46	\$17	38.37%	\$6.52	\$15.93	38.37%	\$6
2022	\$1.49	\$18	38.37%	\$6.91	\$16.31	38.37%	\$6
2023	\$1.53	\$18	38.37%	\$6.91	\$16.70	38.37%	\$6
2024	\$1.56	\$19	38.37%	\$7.29	\$17.10	38.37%	\$7
2025	\$1.60	\$19	38.37%	\$7.29	\$17.51	38.37%	\$7

Table 5

Gas Costs			
1	2	3	2*3
Year	Therms	Gas Supply Rate	Gas Supply Cost
2006	170	0.6136	\$104
2007	170	\$0.6283	\$107
2008	170	\$0.6434	\$109
2009	170	\$0.6588	\$112
2010	170	\$0.6746	\$115
2011	170	\$0.6908	\$117
2012	170	\$0.7074	\$120
2013	170	\$0.7244	\$123
2014	170	\$0.7418	\$126
2015	170	\$0.7596	\$129
2016	170	\$0.7778	\$132
2017	170	\$0.7965	\$135
2018	170	\$0.8156	\$139
2019	170	\$0.8351	\$142
2020	170	\$0.8552	\$145
2021	170	\$0.8757	\$149
2022	170	\$0.8967	\$152
2023	170	\$0.9183	\$156
2024	170	\$0.9403	\$160
2025	170	\$0.9629	\$164

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Residential New Construction Program
RIM Test and Participants Test Results**

For

Tankless Water Heating

St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
Participants Test - Cost Effective Results

Appliance Type

Tankless Water Heating

Year	Year Number	Benefits				Costs							
		Avoided Electric KWH Cost	Gas Rebate	Avoided Electric Appliance O&M	TOTAL BENEFITS	Gas Equipment Cost	Electric Equipment & Installation Cost	Gas Installation Cost	Gas Appliance O & M	Gas Supply Cost	Gas Energy Charge	Gas Customer Charge	TOTAL COSTS
		Table 1								Table 2	Table 3	Table 4	
		3	4	5	3 thru 6	7	8	9	10	11	12	13	7 thru 13
2006	1	\$536	\$450	\$36	\$1,022	\$950	(\$314)	\$400	\$36	\$101	\$75	\$42	\$1,290
2007	2	\$543	0	\$37	\$580	0	0	0	\$37	\$104	\$75	\$42	\$257
2008	3	\$550	0	\$38	\$588	0	0	0	\$38	\$106	\$75	\$42	\$261
2009	4	\$557	0	\$39	\$596	0	0	0	\$39	\$109	\$75	\$42	\$264
2010	5	\$564	0	\$40	\$604	0	0	0	\$40	\$111	\$75	\$42	\$268
2011	6	\$571	0	\$41	\$612	0	0	0	\$41	\$114	\$75	\$42	\$271
2012	7	\$578	0	\$42	\$620	0	0	0	\$42	\$117	\$75	\$42	\$275
2013	8	\$585	0	\$43	\$628	0	0	0	\$43	\$120	\$75	\$42	\$279
2014	9	\$592	0	\$44	\$636	0	0	0	\$44	\$122	\$75	\$42	\$283
2015	10	\$599	0	\$45	\$644	0	0	0	\$45	\$125	\$75	\$42	\$287
2016	11	\$607	0	\$46	\$652	0	0	0	\$46	\$128	\$75	\$42	\$291
2017	12	\$614	0	\$47	\$660	0	0	0	\$47	\$131	\$75	\$42	\$295
2018	13	\$621	0	\$48	\$669	0	0	0	\$48	\$135	\$75	\$42	\$299
2019	14	\$628	0	\$49	\$677	0	0	0	\$49	\$138	\$75	\$42	\$304
2020	15	\$635	0	\$50	\$685	0	0	0	\$50	\$141	\$75	\$42	\$308
2021	16	\$642	0	\$51	\$693	0	0	0	\$51	\$144	\$75	\$42	\$313
2022	17	\$649	0	\$53	\$702	0	0	0	\$53	\$148	\$75	\$42	\$317
2023	18	\$656	0	\$54	\$710	0	0	0	\$54	\$152	\$75	\$42	\$322
2024	19	\$663	0	\$55	\$718	0	0	0	\$55	\$155	\$75	\$42	\$327
2025	20	\$670	450	\$56	\$1,177	1,527	(505)	402	\$56	\$159	\$75	\$42	\$1,756

Present Value
of Benefits

\$6,683

Present Value
of Costs

\$4,018

Benefit/Cost
Ratio

1.66

St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
Participants Test - Data

Appliance Type
Tankless Water Heating

Escalation Rates		Elec Base Rates	0.0%
O&M Expense	2.4%	Fuel Rate	2.4%
Electric Fuel Adj.	2.4%	Gas Base Rates	0.0%

Electric KWH Cost - Table 1				
Year	Cost Per KWH	Annual KWH	Tax Rate	Electric Cost
A	B	C	D	B*C*(1+D)
2006	\$0.1020	4,773	10.00%	\$536
2007	\$0.1034	4,773	10.00%	\$543
2008	\$0.1047	4,773	10.00%	\$550
2009	\$0.1061	4,773	10.00%	\$557
2010	\$0.1074	4,773	10.00%	\$564
2011	\$0.1088	4,773	10.00%	\$571
2012	\$0.1101	4,773	10.00%	\$578
2013	\$0.1115	4,773	10.00%	\$585
2014	\$0.1128	4,773	10.00%	\$592
2015	\$0.1142	4,773	10.00%	\$599
2016	\$0.1155	4,773	10.00%	\$607
2017	\$0.1169	4,773	10.00%	\$614
2018	\$0.1182	4,773	10.00%	\$621
2019	\$0.1196	4,773	10.00%	\$628
2020	\$0.1209	4,773	10.00%	\$635
2021	\$0.1223	4,773	10.00%	\$642
2022	\$0.1236	4,773	10.00%	\$649
2023	\$0.1250	4,773	10.00%	\$656
2024	\$0.1263	4,773	10.00%	\$663
2025	\$0.1277	4,773	10.00%	\$670

Gas Supply Cost - Table 2				
Year	Cost Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.6136	150	10.00%	\$101
2007	\$0.6283	150	10.00%	\$104
2008	\$0.6434	150	10.00%	\$106
2009	\$0.6588	150	10.00%	\$109
2010	\$0.6746	150	10.00%	\$111
2011	\$0.6908	150	10.00%	\$114
2012	\$0.7074	150	10.00%	\$117
2013	\$0.7244	150	10.00%	\$120
2014	\$0.7418	150	10.00%	\$122
2015	\$0.7596	150	10.00%	\$125
2016	\$0.7778	150	10.00%	\$128
2017	\$0.7965	150	10.00%	\$131
2018	\$0.8156	150	10.00%	\$135
2019	\$0.8351	150	10.00%	\$138
2020	\$0.8552	150	10.00%	\$141
2021	\$0.8757	150	10.00%	\$144
2022	\$0.8967	150	10.00%	\$148
2023	\$0.9183	150	10.00%	\$152
2024	\$0.9403	150	10.00%	\$155
2025	\$0.9629	150	10.00%	\$159

Gas Energy Charge - Table 3				
Year	Rate Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.4530	150	10.00%	\$75
2007	\$0.4530	150	10.00%	\$75
2008	\$0.4530	150	10.00%	\$75
2009	\$0.4530	150	10.00%	\$75
2010	\$0.4530	150	10.00%	\$75
2011	\$0.4530	150	10.00%	\$75
2012	\$0.4530	150	10.00%	\$75
2013	\$0.4530	150	10.00%	\$75
2014	\$0.4530	150	10.00%	\$75
2015	\$0.4530	150	10.00%	\$75
2016	\$0.4530	150	10.00%	\$75
2017	\$0.4530	150	10.00%	\$75
2018	\$0.4530	150	10.00%	\$75
2019	\$0.4530	150	10.00%	\$75
2020	\$0.4530	150	10.00%	\$75
2021	\$0.4530	150	10.00%	\$75
2022	\$0.4530	150	10.00%	\$75
2023	\$0.4530	150	10.00%	\$75
2024	\$0.4530	150	10.00%	\$75
2025	\$0.4530	150	10.00%	\$75

Gas Customer Charge - Table 4							
Year	Monthly Customer Charge	Annual Customer Charge	Appliance Annual Therms	Total Annual Therms	Ratio - Appliance to Total	Tax Rate	Pro-Rated Customer Charge
A	B	C	D	E	D/E	G	C*(D/E)*(1+Z)
2006	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2007	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2008	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2009	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2010	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2011	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2012	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2013	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2014	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2015	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2016	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2017	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2018	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2019	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2020	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2021	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2022	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2023	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2024	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2025	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42

St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
RIM Test - Results

Appliance Type

Tankless Water Heating

	Incremental Revenue Energy Charge	Incremental Revenue Cost of Gas	Incremental Revenue Cust. Charge	Total Gas Revenue	Gas Supply Cost	Investment Carrying Costs	Incremental Customer Costs	Program Cost	Total Costs
	Table 1	Table 1A	Table 2		Table 5	Table 3	Table 4		
1	2	3	4	2 thru 4	6	7	8	9	6 thru 9
2002	\$68	\$92	\$38	\$198	\$92	\$11	\$8	\$450.00	\$561
2003	\$68	\$94	\$38	\$200	\$94	\$11	\$9	\$0.00	\$113
2004	\$68	\$97	\$38	\$203	\$97	\$10	\$9	\$0.00	\$115
2005	\$68	\$99	\$38	\$205	\$99	\$10	\$9	\$0.00	\$117
2006	\$68	\$101	\$38	\$207	\$101	\$9	\$9	\$0.00	\$120
2007	\$68	\$104	\$38	\$210	\$104	\$9	\$9	\$0.00	\$122
2008	\$68	\$106	\$38	\$212	\$106	\$9	\$10	\$0.00	\$124
2009	\$68	\$109	\$38	\$215	\$109	\$9	\$10	\$0.00	\$127
2010	\$68	\$111	\$38	\$218	\$111	\$8	\$10	\$0.00	\$130
2011	\$68	\$114	\$38	\$220	\$114	\$8	\$10	\$0.00	\$132
2012	\$68	\$117	\$38	\$223	\$117	\$8	\$11	\$0.00	\$135
2013	\$68	\$119	\$38	\$226	\$119	\$7	\$11	\$0.00	\$138
2014	\$68	\$122	\$38	\$229	\$122	\$7	\$11	\$0.00	\$140
2015	\$68	\$125	\$38	\$232	\$125	\$7	\$11	\$0.00	\$144
2016	\$68	\$128	\$38	\$235	\$128	\$7	\$12	\$0.00	\$146
2017	\$68	\$131	\$38	\$238	\$131	\$6	\$12	\$0.00	\$149
2018	\$68	\$135	\$38	\$241	\$135	\$6	\$12	\$0.00	\$153
2019	\$68	\$138	\$38	\$244	\$138	\$6	\$12	\$0.00	\$156
2020	\$68	\$141	\$38	\$247	\$141	\$6	\$13	\$0.00	\$160
2021	\$68	\$144	\$38	\$251	\$144	\$6	\$13	\$450.00	\$613

Present Value
of Benefits

\$2,120

Present Value
of Costs

\$1,772

Benefit/Cost
Ratio

1.20

St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
RIM Test - Calculated Data

Appliance Type
Tankless Water Heating

Fuel Rate Escalator	2.4%	Depreciation Rate - Supply Main	3.30%
Gas Energy Charge Escalator	0%	Depreciation Rate - Development Main	3.30%
Gas Customer Charge Escalator	0%	Depreciation Rate - Service Line	3.50%
O&M Inflation Escalator	2.4%	Depreciation Rate - Meter	4.10%

Table 1

Revenue - Energy Charge			
1	2	3	2*3
Year	Therms	Base Rate	Total Charge
2006	150	\$0.4530	\$68
2007	150	\$0.4530	\$68
2008	150	\$0.4530	\$68
2009	150	\$0.4530	\$68
2010	150	\$0.4530	\$68
2011	150	\$0.4530	\$68
2012	150	\$0.4530	\$68
2013	150	\$0.4530	\$68
2014	150	\$0.4530	\$68
2015	150	\$0.4530	\$68
2016	150	\$0.4530	\$68
2017	150	\$0.4530	\$68
2018	150	\$0.4530	\$68
2019	150	\$0.4530	\$68
2020	150	\$0.4530	\$68
2021	150	\$0.4530	\$68
2022	150	\$0.4530	\$68
2023	150	\$0.4530	\$68
2024	150	\$0.4530	\$68
2025	150	\$0.4530	\$68

Table 1a

Revenue - Cost of Gas			
1	2	4	2*3
Year	Therms	Fuel Rate	Total Charge
2006	150	\$0.6136	\$92
2007	150	\$0.6283	\$94
2008	150	\$0.6434	\$97
2009	150	\$0.6588	\$99
2010	150	\$0.6746	\$101
2011	150	\$0.6908	\$104
2012	150	\$0.7074	\$106
2013	150	\$0.7244	\$109
2014	150	\$0.7418	\$111
2015	150	\$0.7596	\$114
2016	150	\$0.7778	\$117
2017	150	\$0.7965	\$119
2018	150	\$0.8156	\$122
2019	150	\$0.8351	\$125
2020	150	\$0.8552	\$128
2021	150	\$0.8757	\$131
2022	150	\$0.8967	\$135
2023	150	\$0.9183	\$138
2024	150	\$0.9403	\$141
2025	150	\$0.9629	\$144

Table 2

Revenue - Customer Charge				
1	2	3	4	4*3
Year	Monthly Customer Charge	Annual Customer Charge	Ratio Therms To Total Consumed	Prorated Annual Customer Charge
2006	\$9.00	\$108.00	35.46%	\$38
2007	\$9.00	\$108.00	35.46%	\$38
2008	\$9.00	\$108.00	35.46%	\$38
2009	\$9.00	\$108.00	35.46%	\$38
2010	\$9.00	\$108.00	35.46%	\$38
2011	\$9.00	\$108.00	35.46%	\$38
2012	\$9.00	\$108.00	35.46%	\$38
2013	\$9.00	\$108.00	35.46%	\$38
2014	\$9.00	\$108.00	35.46%	\$38
2015	\$9.00	\$108.00	35.46%	\$38
2016	\$9.00	\$108.00	35.46%	\$38
2017	\$9.00	\$108.00	35.46%	\$38
2018	\$9.00	\$108.00	35.46%	\$38
2019	\$9.00	\$108.00	35.46%	\$38
2020	\$9.00	\$108.00	35.46%	\$38
2021	\$9.00	\$108.00	35.46%	\$38
2022	\$9.00	\$108.00	35.46%	\$38
2023	\$9.00	\$108.00	35.46%	\$38
2024	\$9.00	\$108.00	35.46%	\$38
2025	\$9.00	\$108.00	35.46%	\$38

Table 3

Investment Carrying Costs							
1	2	3	4	5	6	7	6*7*8
Year	Supply Main	Development Main	Service Line	Meter	Total Investment	Cost of Debt	Ratio of Therms Consumed To Total Investment
2006	\$50	\$140	\$234	\$93	\$517	5.96%	35.46%
2007	\$48	\$135	\$226	\$89	\$498	5.96%	35.46%
2008	\$46	\$131	\$218	\$85	\$480	5.96%	35.46%
2009	\$44	\$127	\$210	\$82	\$463	5.96%	35.46%
2010	\$43	\$123	\$203	\$79	\$448	5.96%	35.46%
2011	\$42	\$119	\$196	\$76	\$433	5.96%	35.46%
2012	\$41	\$115	\$189	\$73	\$418	5.96%	35.46%
2013	\$40	\$111	\$182	\$70	\$403	5.96%	35.46%
2014	\$39	\$107	\$176	\$67	\$389	5.96%	35.46%
2015	\$38	\$103	\$170	\$64	\$375	5.96%	35.46%
2016	\$37	\$100	\$164	\$61	\$362	5.96%	35.46%
2017	\$36	\$97	\$158	\$58	\$349	5.96%	35.46%
2018	\$35	\$94	\$152	\$56	\$337	5.96%	35.46%
2019	\$34	\$91	\$147	\$54	\$326	5.96%	35.46%
2020	\$33	\$88	\$142	\$52	\$315	5.96%	35.46%
2021	\$32	\$85	\$137	\$50	\$304	5.96%	35.46%
2022	\$31	\$82	\$132	\$48	\$293	5.96%	35.46%
2023	\$30	\$79	\$127	\$46	\$282	5.96%	35.46%
2024	\$29	\$76	\$123	\$44	\$272	5.96%	35.46%
2025	\$28	\$73	\$119	\$42	\$262	5.96%	35.46%

Table 4

Incremental Customer Costs							
1	2	3	4	5=3*4	6	7	8=6*7
Year	Monthly Adm. Cost	Annual Adm. Cost	Ratio Therms To Total Consumed	Annual Ratio Adm. Cost	Annual O&M Cost	Ratio Therms To Total Consumed	Annual Ratio O&M Cost
2006	\$1.02	\$12	35.46%	\$4.26	\$11.16	35.46%	\$4
2007	\$1.04	\$13	35.46%	\$4.61	\$11.43	35.46%	\$4
2008	\$1.07	\$13	35.46%	\$4.61	\$11.70	35.46%	\$4
2009	\$1.10	\$13	35.46%	\$4.61	\$11.98	35.46%	\$4
2010	\$1.12	\$13	35.46%	\$4.61	\$12.27	35.46%	\$4
2011	\$1.15	\$14	35.46%	\$4.96	\$12.57	35.46%	\$4
2012	\$1.18	\$14	35.46%	\$4.96	\$12.87	35.46%	\$5
2013	\$1.20	\$14	35.46%	\$4.96	\$13.18	35.46%	\$5
2014	\$1.23	\$15	35.46%	\$5.32	\$13.49	35.46%	\$5
2015	\$1.26	\$15	35.46%	\$5.32	\$13.82	35.46%	\$5
2016	\$1.29	\$16	35.46%	\$5.67	\$14.15	35.46%	\$5
2017	\$1.32	\$16	35.46%	\$5.67	\$14.49	35.46%	\$5
2018	\$1.35	\$16	35.46%	\$5.67	\$14.83	35.46%	\$5
2019	\$1.39	\$17	35.46%	\$6.03	\$15.19	35.46%	\$5
2020	\$1.42	\$17	35.46%	\$6.03	\$15.55	35.46%	\$6
2021	\$1.46	\$17	35.46%	\$6.03	\$15.93	35.46%	\$6
2022	\$1.49	\$18	35.46%	\$6.38	\$16.31	35.46%	\$6
2023	\$1.53	\$18	35.46%	\$6.38	\$16.70	35.46%	\$6
2024	\$1.56	\$19	35.46%	\$6.74	\$17.10	35.46%	\$6
2025	\$1.60	\$19	35.46%	\$6.74	\$17.51	35.46%	\$6

Table 5

Gas Costs			
1	2	3	2*3
Year	Therms	Per Therm Supply Cost	Gas Supply Cost
2006	150	\$0.6136	\$92
2007	150	\$0.6283	\$94
2008	150	\$0.6434	\$97
2009	150	\$0.6588	\$99
2010	150	\$0.6746	\$101
2011	150	\$0.6908	\$104
2012	150	\$0.7074	\$106
2013	150	\$0.7244	\$109
2014	150	\$0.7418	\$111
2015	150	\$0.7596	\$114
2016	150	\$0.7778	\$117
2017	150	\$0.7965	\$119
2018	150	\$0.8156	\$122
2019	150	\$0.8351	\$125
2020	150	\$0.8552	\$128
2021	150	\$0.8757	\$131
2022	150	\$0.8967	\$135
2023	150	\$0.9183	\$138
2024	150	\$0.9403	\$141
2025	150	\$0.9629	\$144

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Residential New Construction Program
RIM Test and Participants Test Results**

For

Heating Systems

St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
Participants Test - Cost Effective Results

Appliance Type
Heating System

Year	Year Number	Benefits				Costs							
		Avoided Electric KWH Cost	Gas Rebate	Avoided Electric Appliance O&M	TOTAL BENEFITS	Gas Equipment Cost	Electric Equipment & Installation Cost	Gas Installation Cost	Gas Appliance O & M	Gas Supply Cost	Gas Energy Charge	Gas Customer Charge	TOTAL COSTS
		Table 1								Table 2	Table 3	Table 4	
		3	4	5	3 thru 6	7	8	9	10	11	12	13	7 thru 13
2006	1	\$353	\$350	\$192	\$895	\$2,052	(\$3,850)	\$1,885	\$192	\$120	\$89	\$48	\$536
2007	2	\$358	0	\$197	\$555	0	0	0	\$197	\$123	\$89	\$48	\$456
2008	3	\$363	0	\$201	\$564	0	0	0	\$201	\$126	\$89	\$48	\$464
2009	4	\$368	0	\$206	\$574	0	0	0	\$206	\$129	\$89	\$48	\$472
2010	5	\$372	0	\$211	\$583	0	0	0	\$211	\$132	\$89	\$48	\$480
2011	6	\$377	0	\$216	\$593	0	0	0	\$216	\$135	\$89	\$48	\$488
2012	7	\$382	0	\$221	\$603	0	0	0	\$221	\$139	\$89	\$48	\$496
2013	8	\$386	0	\$227	\$613	0	0	0	\$227	\$142	\$89	\$48	\$505
2014	9	\$391	0	\$232	\$623	0	0	0	\$232	\$145	\$89	\$48	\$514
2015	10	\$396	0	\$238	\$633	0	0	0	\$238	\$149	\$89	\$48	\$523
2016	11	\$400	0	\$243	\$644	0	0	0	\$243	\$152	\$89	\$48	\$532
2017	12	\$405	0	\$249	\$654	0	0	0	\$249	\$156	\$89	\$48	\$542
2018	13	\$410	0	\$255	\$665	0	0	0	\$255	\$160	\$89	\$48	\$551
2019	14	\$414	0	\$261	\$676	0	0	0	\$261	\$164	\$89	\$48	\$561
2020	15	\$419	350	\$268	\$1,037	2,929	(5,495)	2,352	\$268	\$167	\$89	\$48	\$357
2021	16	\$424	0	\$274	\$698	0	0	0	\$274	\$171	\$89	\$48	\$582
2022	17	\$428	0	\$281	\$709	0	0	0	\$281	\$176	\$89	\$48	\$593
2023	18	\$433	0	\$287	\$720	0	0	0	\$287	\$180	\$89	\$48	\$604
2024	19	\$438	0	\$294	\$732	0	0	0	\$294	\$184	\$89	\$48	\$615
2025	20	\$442	0	\$301	\$744	0	0	0	\$301	\$189	\$89	\$48	\$626

Present Value of Benefits \$6,475

Present Value of Costs \$5,005

Benefit/Cost Ratio	1.29
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St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
Participants Test - Data

Appliance Type
Heating System

<u>Escalation Rates</u>		Elec Base Rates	0.0%
O&M Expense	2.4%	Fuel Rate	2.4%
Electric Fuel Adj.	2.4%	Gas Base Rates	0.0%

Electric KWH Cost - Table 1				
Year	Cost Per KWH	Annual KWH	Tax Rate	Electric Cost
A	B	C	D	B*C*(1+D)
2006	\$0.1020	3,150	10.00%	\$353
2007	\$0.1034	3,150	10.00%	\$358
2008	\$0.1047	3,150	10.00%	\$363
2009	\$0.1061	3,150	10.00%	\$368
2010	\$0.1074	3,150	10.00%	\$372
2011	\$0.1088	3,150	10.00%	\$377
2012	\$0.1101	3,150	10.00%	\$382
2013	\$0.1115	3,150	10.00%	\$386
2014	\$0.1128	3,150	10.00%	\$391
2015	\$0.1142	3,150	10.00%	\$396
2016	\$0.1155	3,150	10.00%	\$400
2017	\$0.1169	3,150	10.00%	\$405
2018	\$0.1182	3,150	10.00%	\$410
2019	\$0.1196	3,150	10.00%	\$414
2020	\$0.1209	3,150	10.00%	\$419
2021	\$0.1223	3,150	10.00%	\$424
2022	\$0.1236	3,150	10.00%	\$428
2023	\$0.1250	3,150	10.00%	\$433
2024	\$0.1263	3,150	10.00%	\$438
2025	\$0.1277	3,150	10.00%	\$442

Gas Supply Cost - Table 2				
Year	Cost Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.6136	178	10.00%	\$120
2007	\$0.6283	178	10.00%	\$123
2008	\$0.6434	178	10.00%	\$126
2009	\$0.6588	178	10.00%	\$129
2010	\$0.6746	178	10.00%	\$132
2011	\$0.6908	178	10.00%	\$135
2012	\$0.7074	178	10.00%	\$139
2013	\$0.7244	178	10.00%	\$142
2014	\$0.7418	178	10.00%	\$145
2015	\$0.7596	178	10.00%	\$149
2016	\$0.7778	178	10.00%	\$152
2017	\$0.7965	178	10.00%	\$156
2018	\$0.8156	178	10.00%	\$160
2019	\$0.8351	178	10.00%	\$164
2020	\$0.8552	178	10.00%	\$167
2021	\$0.8757	178	10.00%	\$171
2022	\$0.8967	178	10.00%	\$176
2023	\$0.9183	178	10.00%	\$180
2024	\$0.9403	178	10.00%	\$184
2025	\$0.9629	178	10.00%	\$189

Gas Energy Charge - Table 3				
Year	Rate Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.4530	178	10.00%	\$89
2007	\$0.4530	178	10.00%	\$89
2008	\$0.4530	178	10.00%	\$89
2009	\$0.4530	178	10.00%	\$89
2010	\$0.4530	178	10.00%	\$89
2011	\$0.4530	178	10.00%	\$89
2012	\$0.4530	178	10.00%	\$89
2013	\$0.4530	178	10.00%	\$89
2014	\$0.4530	178	10.00%	\$89
2015	\$0.4530	178	10.00%	\$89
2016	\$0.4530	178	10.00%	\$89
2017	\$0.4530	178	10.00%	\$89
2018	\$0.4530	178	10.00%	\$89
2019	\$0.4530	178	10.00%	\$89
2020	\$0.4530	178	10.00%	\$89
2021	\$0.4530	178	10.00%	\$89
2022	\$0.4530	178	10.00%	\$89
2023	\$0.4530	178	10.00%	\$89
2024	\$0.4530	178	10.00%	\$89
2025	\$0.4530	178	10.00%	\$89

Gas Customer Charge - Table 4							
Year	Monthly Customer Charge	Annual Customer Charge	Appliance Annual Therms	Total Annual Therms	Ratio - Appliance to Total	Tax Rate	Pro-Rated Customer Charge
A	B	C	D	E	D/E	G	C*(D/E)*(1+G)
2006	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2007	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2008	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2009	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2010	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2011	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2012	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2013	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2014	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2015	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2016	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2017	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2018	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2019	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2020	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2021	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2022	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2023	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2024	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2025	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48

St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
RIM Test - Results

Appliance Type

Heating System

	Incremental Revenue Energy Charge	Incremental Revenue Cost of Gas	Incremental Revenue Cust. Charge	Total Gas Revenue	Gas Supply Cost	Investment Carrying Costs	Incremental Customer Costs	Program Cost	Total Costs
	Table 1	Table 1A	Table 2		Table 5	Table 3	Table 4		
	2	3	4	2 thru 4	6	7	8	9	6 thru 9
2006	\$81	\$109	\$43	\$233	\$109	\$12	\$9	\$350.00	\$481
2007	\$81	\$112	\$43	\$236	\$112	\$12	\$10	\$0.00	\$134
2008	\$81	\$115	\$43	\$239	\$115	\$11	\$10	\$0.00	\$136
2009	\$81	\$117	\$43	\$241	\$117	\$11	\$10	\$0.00	\$138
2010	\$81	\$120	\$43	\$244	\$120	\$11	\$10	\$0.00	\$141
2011	\$81	\$123	\$43	\$247	\$123	\$10	\$11	\$0.00	\$144
2012	\$81	\$126	\$43	\$250	\$126	\$10	\$11	\$0.00	\$147
2013	\$81	\$129	\$43	\$253	\$129	\$10	\$11	\$0.00	\$150
2014	\$81	\$132	\$43	\$256	\$132	\$9	\$11	\$0.00	\$153
2015	\$81	\$135	\$43	\$259	\$135	\$9	\$12	\$0.00	\$156
2016	\$81	\$138	\$43	\$262	\$138	\$9	\$12	\$0.00	\$159
2017	\$81	\$142	\$43	\$266	\$142	\$8	\$12	\$0.00	\$162
2018	\$81	\$145	\$43	\$269	\$145	\$8	\$12	\$0.00	\$166
2019	\$81	\$149	\$43	\$273	\$149	\$8	\$13	\$0.00	\$169
2020	\$81	\$152	\$43	\$276	\$152	\$8	\$13	\$350.00	\$523
2021	\$81	\$156	\$43	\$280	\$156	\$7	\$13	\$0.00	\$176
2022	\$81	\$160	\$43	\$284	\$160	\$7	\$14	\$0.00	\$180
2023	\$81	\$163	\$43	\$287	\$163	\$7	\$14	\$0.00	\$184
2024	\$81	\$167	\$43	\$291	\$167	\$7	\$15	\$0.00	\$188
2025	\$81	\$171	\$43	\$295	\$171	\$6	\$15	\$0.00	\$192

Present Value
of Benefits

\$2,496

Present Value
of Costs

\$1,919

Benefit/Cost
Ratio

1.30

St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
RIM Test - Calculated Data

Appliance Type

Heating System

Fuel Rate Escalator	2.4%	Depreciation Rate - Supply Main	3.30%
Gas Energy Charge Escalator	0%	Depreciation Rate - Development Main	3.30%
Gas Customer Charge Escalator	0%	Depreciation Rate - Service Line	3.50%
O&M/Inflation Escalator	2.4%	Depreciation Rate - Meter	4.10%

Table 1

Revenue - Energy Charge				
1	2	3	2*3	
Year	Therms	Base Rate	Total Charge	
2006	178	\$0.4530	\$81	
2007	178	\$0.4530	\$81	
2008	178	\$0.4530	\$81	
2009	178	\$0.4530	\$81	
2010	178	\$0.4530	\$81	
2011	178	\$0.4530	\$81	
2012	178	\$0.4530	\$81	
2013	178	\$0.4530	\$81	
2014	178	\$0.4530	\$81	
2015	178	\$0.4530	\$81	
2016	178	\$0.4530	\$81	
2017	178	\$0.4530	\$81	
2018	178	\$0.4530	\$81	
2019	178	\$0.4530	\$81	
2020	178	\$0.4530	\$81	
2021	178	\$0.4530	\$81	
2022	178	\$0.4530	\$81	
2023	178	\$0.4530	\$81	
2024	178	\$0.4530	\$81	
2025	178	\$0.4530	\$81	

Table 1a

Revenue - Cost of Gas				
1	2	4	2*3	
Year	Therms	Fuel Rate	Total Charge	
2006	178	\$0.6136	\$109	
2007	178	\$0.6283	\$112	
2008	178	\$0.6434	\$115	
2009	178	\$0.6588	\$117	
2010	178	\$0.6746	\$120	
2011	178	\$0.6908	\$123	
2012	178	\$0.7074	\$126	
2013	178	\$0.7244	\$129	
2014	178	\$0.7418	\$132	
2015	178	\$0.7596	\$135	
2016	178	\$0.7778	\$138	
2017	178	\$0.7965	\$142	
2018	178	\$0.8156	\$145	
2019	178	\$0.8351	\$149	
2020	178	\$0.8552	\$152	
2021	178	\$0.8757	\$156	
2022	178	\$0.8967	\$160	
2023	178	\$0.9183	\$163	
2024	178	\$0.9403	\$167	
2025	178	\$0.9629	\$171	

Table 2

Revenue - Customer Charge				
1	2	3	4	4*3
Year	Monthly Customer Charge	Annual Customer Charge	Ratio Therms To Total Consumed	Prorated Annual Customer Charge
2006	\$9.00	\$108.00	40.18%	\$43
2007	\$9.00	\$108.00	40.18%	\$43
2008	\$9.00	\$108.00	40.18%	\$43
2009	\$9.00	\$108.00	40.18%	\$43
2010	\$9.00	\$108.00	40.18%	\$43
2011	\$9.00	\$108.00	40.18%	\$43
2012	\$9.00	\$108.00	40.18%	\$43
2013	\$9.00	\$108.00	40.18%	\$43
2014	\$9.00	\$108.00	40.18%	\$43
2015	\$9.00	\$108.00	40.18%	\$43
2016	\$9.00	\$108.00	40.18%	\$43
2017	\$9.00	\$108.00	40.18%	\$43
2018	\$9.00	\$108.00	40.18%	\$43
2019	\$9.00	\$108.00	40.18%	\$43
2020	\$9.00	\$108.00	40.18%	\$43
2021	\$9.00	\$108.00	40.18%	\$43
2022	\$9.00	\$108.00	40.18%	\$43
2023	\$9.00	\$108.00	40.18%	\$43
2024	\$9.00	\$108.00	40.18%	\$43
2025	\$9.00	\$108.00	40.18%	\$43

Table 3

Investment Carrying Costs								
1	2	3	4	5	6	7	8	6*7*8
Year	Supply Main	Development Main	Service Line	Meter	Total Investment	Cost of Debt	Ratio of Therms Consumed To Total	Investment Carrying Cost
2006	\$50	\$140	\$234	\$93	\$517	5.96%	40.18%	\$12
2007	\$48	\$135	\$226	\$89	\$498	5.96%	40.18%	\$12
2008	\$46	\$131	\$218	\$85	\$480	5.96%	40.18%	\$11
2009	\$44	\$127	\$210	\$82	\$463	5.96%	40.18%	\$11
2010	\$43	\$123	\$203	\$79	\$448	5.96%	40.18%	\$11
2011	\$42	\$119	\$196	\$76	\$433	5.96%	40.18%	\$10
2012	\$41	\$115	\$189	\$73	\$418	5.96%	40.18%	\$10
2013	\$40	\$111	\$182	\$70	\$403	5.96%	40.18%	\$10
2014	\$39	\$107	\$176	\$67	\$389	5.96%	40.18%	\$9
2015	\$38	\$103	\$170	\$64	\$375	5.96%	40.18%	\$9
2016	\$37	\$100	\$164	\$61	\$362	5.96%	40.18%	\$9
2017	\$36	\$97	\$158	\$58	\$349	5.96%	40.18%	\$8
2018	\$35	\$94	\$152	\$55	\$337	5.96%	40.18%	\$8
2019	\$34	\$91	\$147	\$54	\$326	5.96%	40.18%	\$8
2020	\$33	\$88	\$142	\$52	\$315	5.96%	40.18%	\$8
2021	\$32	\$85	\$137	\$50	\$304	5.96%	40.18%	\$7
2022	\$31	\$82	\$132	\$48	\$293	5.96%	40.18%	\$7
2023	\$30	\$79	\$127	\$46	\$282	5.96%	40.18%	\$7
2024	\$29	\$76	\$123	\$44	\$272	5.96%	40.18%	\$7
2025	\$28	\$73	\$119	\$42	\$262	5.96%	40.18%	\$6

Table 4

Incremental Customer Costs									
1	2	3	4	5=3*4	6	7	8=6*7	9=8	5+8
Year	Monthly Adm. Cost	Annual Adm. Cost	Ratio Therms To Total Consumed	Annual Ratio Adm. Cost	Annual O&M Cost	Ratio Therms To Total Consumed	Annual Ratio O&M Cost	Total Incremental	
2006	\$1.02	\$12	40.18%	\$4.82	\$11.16	40.18%	\$4	\$9	
2007	\$1.04	\$13	40.18%	\$5.22	\$11.43	40.18%	\$5	\$10	
2008	\$1.07	\$13	40.18%	\$5.22	\$11.70	40.18%	\$5	\$10	
2009	\$1.10	\$13	40.18%	\$5.22	\$11.98	40.18%	\$5	\$10	
2010	\$1.12	\$13	40.18%	\$5.22	\$12.27	40.18%	\$5	\$10	
2011	\$1.15	\$14	40.18%	\$5.83	\$12.57	40.18%	\$5	\$11	
2012	\$1.18	\$14	40.18%	\$5.83	\$12.87	40.18%	\$5	\$11	
2013	\$1.20	\$14	40.18%	\$5.83	\$13.18	40.18%	\$5	\$11	
2014	\$1.23	\$15	40.18%	\$6.03	\$13.49	40.18%	\$5	\$11	
2015	\$1.26	\$15	40.18%	\$6.03	\$13.82	40.18%	\$6	\$12	
2016	\$1.29	\$16	40.18%	\$6.43	\$14.15	40.18%	\$6	\$12	
2017	\$1.32	\$16	40.18%	\$6.43	\$14.49	40.18%	\$6	\$12	
2018	\$1.36	\$16	40.18%	\$6.43	\$14.83	40.18%	\$6	\$12	
2019	\$1.39	\$17	40.18%	\$6.83	\$15.19	40.18%	\$6	\$13	
2020	\$1.42	\$17	40.18%	\$6.83	\$15.55	40.18%	\$6	\$13	
2021	\$1.46	\$17	40.18%	\$6.83	\$15.93	40.18%	\$6	\$13	
2022	\$1.49	\$18	40.18%	\$7.23	\$16.31	40.18%	\$7	\$14	
2023	\$1.53	\$18	40.18%	\$7.23	\$16.70	40.18%	\$7	\$14	
2024	\$1.56	\$19	40.18%	\$7.63	\$17.10	40.18%	\$7	\$15	
2025	\$1.60	\$19	40.18%	\$7.83	\$17.51	40.18%	\$7	\$15	

Table 5

Gas Costs				
1	2	3	2*3	
Year	Therms	Per Therm Supply Cost	Gas Supply Cost	
2006	178	\$0.6136	\$109	
2007	178	\$0.6283	\$112	
2008	178	\$0.6434	\$115	
2009	178	\$0.6588	\$117	
2010	178	\$0.6746	\$120	
2011	178	\$0.6908	\$123	
2012	178	\$0.7074	\$126	
2013	178	\$0.7244	\$129	
2014	178	\$0.7418	\$132	
2015	178	\$0.7596	\$135	
2016	178	\$0.7778	\$138	
2017	178	\$0.7965	\$142	
2018	178	\$0.8156	\$145	
2019	178	\$0.8351	\$149	
2020	178	\$0.8552	\$152	
2021	178	\$0.8757	\$156	
2022	178	\$0.8967	\$160	
2023	178	\$0.9183	\$163	
2024	178	\$0.9403	\$167	
2025	178	\$0.9629	\$171	

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Residential New Construction Program
RIM Test and Participants Test Results**

For

Clothes Drying Appliances

St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
Participants Test - Cost Effective Results

Appliance Type
Clothes Drying

Year	Year Number	Benefits				Costs							
		Avoided Electric KWH Cost	Gas Rebate	Avoided Electric Appliance O&M	TOTAL BENEFITS	Gas Equipment Cost	Electric Equipment & Installation Cost	Gas Installation Cost	Gas Appliance O & M	Gas Supply Cost	Gas Energy Charge	Gas Customer Charge	TOTAL COSTS
		Table 1				Table 2				Table 3	Table 4		
		3	4	5	3 thru 6	7	8	9	10	11	12	13	7 thru 13
2005	1	\$164	\$100	\$36	\$300	\$379	(\$454)	\$300	\$36	\$34	\$25	\$13	\$333
2006	2	\$167	0	\$37	\$203	0	0	0	\$37	\$35	\$25	\$13	\$110
2007	3	\$169	0	\$38	\$207	0	0	0	\$38	\$35	\$25	\$13	\$111
2008	4	\$171	0	\$39	\$210	0	0	0	\$39	\$36	\$25	\$13	\$113
2009	5	\$173	0	\$40	\$213	0	0	0	\$40	\$37	\$25	\$13	\$115
2010	6	\$175	0	\$41	\$216	0	0	0	\$41	\$38	\$25	\$13	\$117
2011	7	\$177	0	\$42	\$219	0	0	0	\$42	\$39	\$25	\$13	\$119
2012	8	\$180	0	\$43	\$222	0	0	0	\$43	\$40	\$25	\$13	\$121
2013	9	\$182	0	\$44	\$225	0	0	0	\$44	\$41	\$25	\$13	\$123
2014	10	\$184	0	\$45	\$229	0	0	0	\$45	\$42	\$25	\$13	\$125
2015	11	\$186	0	\$46	\$232	0	0	0	\$46	\$43	\$25	\$13	\$127
2016	12	\$188	0	\$47	\$235	0	0	0	\$47	\$44	\$25	\$13	\$129
2017	13	\$191	100	\$48	\$338	516	(618)	204	\$48	\$45	\$25	\$13	\$233
2018	14	\$193	0	\$49	\$242	0	0	0	\$49	\$46	\$25	\$13	\$133
2019	15	\$195	0	\$50	\$245	0	0	0	\$50	\$47	\$25	\$13	\$136
2020	16	\$197	0	\$51	\$248	0	0	0	\$51	\$48	\$25	\$13	\$138
2021	17	\$199	0	\$53	\$252	0	0	0	\$53	\$49	\$25	\$13	\$140
2022	18	\$201	0	\$54	\$255	0	0	0	\$54	\$51	\$25	\$13	\$143
2023	19	\$204	0	\$55	\$259	0	0	0	\$55	\$52	\$25	\$13	\$145
2024	20	\$206	0	\$56	\$262	0	0	0	\$56	\$53	\$25	\$13	\$148

Present Value
of Benefits \$2,315

Present Value
of Costs \$1,438

Benefit/Cost Ratio	1.61
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St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
Participants Test - Data

Appliance Type
Clothes Drying

<u>Escalation Rates</u>		Elec Base Rates	0.0%
O&M Expense	2.4%	PGA Fuel Rate	2.4%
Electric Fuel Adj.	2.4%	Gas Base Rates	0.0%

Electric KWH Cost - Table 1				
Year	Cost Per KWH	Annual KWH	Tax Rate	Electric Cost
A	B	C	D	B*C*(1+D)
2006	\$0.1020	1,465	10.00%	\$164
2007	\$0.1034	1,465	10.00%	\$167
2008	\$0.1047	1,465	10.00%	\$169
2009	\$0.1061	1,465	10.00%	\$171
2010	\$0.1074	1,465	10.00%	\$173
2011	\$0.1068	1,465	10.00%	\$175
2012	\$0.1101	1,465	10.00%	\$177
2013	\$0.1115	1,465	10.00%	\$180
2014	\$0.1128	1,465	10.00%	\$182
2015	\$0.1142	1,465	10.00%	\$184
2016	\$0.1155	1,465	10.00%	\$186
2017	\$0.1169	1,465	10.00%	\$188
2018	\$0.1182	1,465	10.00%	\$191
2019	\$0.1196	1,465	10.00%	\$193
2020	\$0.1209	1,465	10.00%	\$195
2021	\$0.1223	1,465	10.00%	\$197
2022	\$0.1236	1,465	10.00%	\$199
2023	\$0.1250	1,465	10.00%	\$201
2024	\$0.1263	1,465	10.00%	\$204
2025	\$0.1277	1,465	10.00%	\$206

Gas Supply Cost - Table 2				
Year	Cost Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.6136	50	10.00%	\$34
2007	\$0.6283	50	10.00%	\$35
2008	\$0.6434	50	10.00%	\$35
2009	\$0.6588	50	10.00%	\$36
2010	\$0.6746	50	10.00%	\$37
2011	\$0.6908	50	10.00%	\$38
2012	\$0.7074	50	10.00%	\$39
2013	\$0.7244	50	10.00%	\$40
2014	\$0.7418	50	10.00%	\$41
2015	\$0.7596	50	10.00%	\$42
2016	\$0.7778	50	10.00%	\$43
2017	\$0.7965	50	10.00%	\$44
2018	\$0.8156	50	10.00%	\$45
2019	\$0.8351	50	10.00%	\$46
2020	\$0.8552	50	10.00%	\$47
2021	\$0.8757	50	10.00%	\$48
2022	\$0.8967	50	10.00%	\$49
2023	\$0.9183	50	10.00%	\$51
2024	\$0.9403	50	10.00%	\$52
2025	\$0.9629	50	10.00%	\$53

Gas Energy Charge - Table 3				
Year	Rate Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.4530	50	10.00%	\$25
2007	\$0.4530	50	10.00%	\$25
2008	\$0.4530	50	10.00%	\$25
2009	\$0.4530	50	10.00%	\$25
2010	\$0.4530	50	10.00%	\$25
2011	\$0.4530	50	10.00%	\$25
2012	\$0.4530	50	10.00%	\$25
2013	\$0.4530	50	10.00%	\$25
2014	\$0.4530	50	10.00%	\$25
2015	\$0.4530	50	10.00%	\$25
2016	\$0.4530	50	10.00%	\$25
2017	\$0.4530	50	10.00%	\$25
2018	\$0.4530	50	10.00%	\$25
2019	\$0.4530	50	10.00%	\$25
2020	\$0.4530	50	10.00%	\$25
2021	\$0.4530	50	10.00%	\$25
2022	\$0.4530	50	10.00%	\$25
2023	\$0.4530	50	10.00%	\$25
2024	\$0.4530	50	10.00%	\$25
2025	\$0.4530	50	10.00%	\$25

Gas Customer Charge - Table 4							
Year	Monthly Customer Charge	Annual Customer Charge	Appliance Annual Therms	Total Annual Therms	Ratio - Appliance to Total	Tax Rate	Pro-Rated Customer Charge
A	B	C	D	E	D/E	G	C*(D/E)*(1+Z)
2006	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2007	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2008	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2009	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2010	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2011	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2012	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2013	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2014	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2015	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2016	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2017	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2018	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2019	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2020	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2021	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2022	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2023	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2024	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2025	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13

St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
RIM Test - Results

Appliance Type

Clothes Drying

	Incremental Revenue Energy Charge	Incremental Revenue Cost of Gas	Incremental Revenue Cust. Charge	Total Gas Revenue	Gas Supply Cost	Investment Carrying Costs	Incremental Customer Costs	Program Cost	Total Costs
	Table 1	Table 1A	Table 2		Table 5	Table 3	Table 4		
1	2	3	4	2 thru 4	6	7	8	9	6 thru 9
2006	\$23	\$31	\$12	\$66	\$31	\$3	\$3	\$100.00	\$137
2007	\$23	\$31	\$12	\$66	\$31	\$3	\$3	\$0.00	\$38
2008	\$23	\$32	\$12	\$67	\$32	\$3	\$3	\$0.00	\$38
2009	\$23	\$33	\$12	\$68	\$33	\$3	\$3	\$0.00	\$39
2010	\$23	\$34	\$12	\$69	\$34	\$3	\$3	\$0.00	\$40
2011	\$23	\$35	\$12	\$69	\$35	\$3	\$3	\$0.00	\$40
2012	\$23	\$35	\$12	\$70	\$35	\$3	\$3	\$0.00	\$41
2013	\$23	\$36	\$12	\$71	\$36	\$3	\$3	\$0.00	\$42
2014	\$23	\$37	\$12	\$72	\$37	\$3	\$3	\$0.00	\$43
2015	\$23	\$38	\$12	\$73	\$38	\$3	\$3	\$0.00	\$44
2016	\$23	\$39	\$12	\$74	\$39	\$2	\$3	\$0.00	\$45
2017	\$23	\$40	\$12	\$75	\$40	\$2	\$3	\$0.00	\$46
2018	\$23	\$41	\$12	\$76	\$41	\$2	\$3	\$100.00	\$147
2019	\$23	\$42	\$12	\$77	\$42	\$2	\$4	\$0.00	\$48
2020	\$23	\$43	\$12	\$78	\$43	\$2	\$4	\$0.00	\$49
2021	\$23	\$44	\$12	\$79	\$44	\$2	\$4	\$0.00	\$50
2022	\$23	\$45	\$12	\$80	\$45	\$2	\$4	\$0.00	\$51
2023	\$23	\$46	\$12	\$81	\$46	\$2	\$4	\$0.00	\$52
2024	\$23	\$47	\$12	\$82	\$47	\$2	\$4	\$0.00	\$53
2025	\$23	\$48	\$12	\$83	\$48	\$2	\$4	\$0.00	\$54

Present Value
of Benefits

\$701

Present Value
of Costs

\$546

Benefit/Cost
Ratio

1.28

St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
RIM Test - Calculated Data

Appliance Type
Clothes Drying

Fuel Rate Escalator	2.4%	Depreciation Rate - Supply Main	3.30%
Gas Energy Charge Escalator	0%	Depreciation Rate - Development Main	3.30%
Gas Customer Charge Escalator	0%	Depreciation Rate - Service Line	3.50%
O&M/Inflation Escalator	2.4%	Depreciation Rate - Meter	4.10%

Table 1

Revenue - Energy Charge				
1	2	3	2*3	
Year	Therms	Base Rate	Total Charge	
2006	50	\$0.4530	\$23	
2007	50	\$0.4530	\$23	
2008	50	\$0.4530	\$23	
2009	50	\$0.4530	\$23	
2010	50	\$0.4530	\$23	
2011	50	\$0.4530	\$23	
2012	50	\$0.4530	\$23	
2013	50	\$0.4530	\$23	
2014	50	\$0.4530	\$23	
2015	50	\$0.4530	\$23	
2016	50	\$0.4530	\$23	
2017	50	\$0.4530	\$23	
2018	50	\$0.4530	\$23	
2019	50	\$0.4530	\$23	
2020	50	\$0.4530	\$23	
2021	50	\$0.4530	\$23	
2022	50	\$0.4530	\$23	
2023	50	\$0.4530	\$23	
2024	50	\$0.4530	\$23	
2025	50	\$0.4530	\$23	

Table 1a

Revenue - Cost of Gas				
1	2	4	2*3	
Year	Therms	Fuel Rate	Total Charge	
2006	50	\$0.6136	\$31	
2007	50	\$0.6283	\$31	
2008	50	\$0.6434	\$32	
2009	50	\$0.6588	\$33	
2010	50	\$0.6746	\$34	
2011	50	\$0.6908	\$35	
2012	50	\$0.7074	\$35	
2013	50	\$0.7244	\$36	
2014	50	\$0.7418	\$37	
2015	50	\$0.7596	\$38	
2016	50	\$0.7778	\$39	
2017	50	\$0.7965	\$40	
2018	50	\$0.8156	\$41	
2019	50	\$0.8351	\$42	
2020	50	\$0.8552	\$43	
2021	50	\$0.8757	\$44	
2022	50	\$0.8967	\$45	
2023	50	\$0.9183	\$46	
2024	50	\$0.9403	\$47	
2025	50	\$0.9629	\$48	

Table 2

Revenue - Customer Charge				
1	2	3	4	4*3
Year	Monthly Customer Charge	Annual Customer Charge	Ratio Therms To Total Consumed	Prorated Annual Customer Charge
2006	\$9.00	\$108.00	11.29%	\$12
2007	\$9.00	\$108.00	11.29%	\$12
2008	\$9.00	\$108.00	11.29%	\$12
2009	\$9.00	\$108.00	11.29%	\$12
2010	\$9.00	\$108.00	11.29%	\$12
2011	\$9.00	\$108.00	11.29%	\$12
2012	\$9.00	\$108.00	11.29%	\$12
2013	\$9.00	\$108.00	11.29%	\$12
2014	\$9.00	\$108.00	11.29%	\$12
2015	\$9.00	\$108.00	11.29%	\$12
2016	\$9.00	\$108.00	11.29%	\$12
2017	\$9.00	\$108.00	11.29%	\$12
2018	\$9.00	\$108.00	11.29%	\$12
2019	\$9.00	\$108.00	11.29%	\$12
2020	\$9.00	\$108.00	11.29%	\$12
2021	\$9.00	\$108.00	11.29%	\$12
2022	\$9.00	\$108.00	11.29%	\$12
2023	\$9.00	\$108.00	11.29%	\$12
2024	\$9.00	\$108.00	11.29%	\$12
2025	\$9.00	\$108.00	11.29%	\$12

Table 3

Investment Carrying Costs								
1	2	3	4	5	6	7	8	6*7*8
Year	Supply Main	Development Main	Service Line	Meter	Total Investment	Cost of Debt	Ratio of Therms Consumed To Total	Investment Carrying Cost
2006	\$50	\$140	\$234	\$93	\$517	5.96%	11.29%	\$3
2007	\$48	\$135	\$226	\$89	\$498	5.96%	11.29%	\$3
2008	\$46	\$131	\$218	\$85	\$480	5.96%	11.29%	\$3
2009	\$44	\$127	\$210	\$82	\$463	5.96%	11.29%	\$3
2010	\$43	\$123	\$203	\$79	\$448	5.96%	11.29%	\$3
2011	\$42	\$119	\$196	\$76	\$433	5.96%	11.29%	\$3
2012	\$41	\$115	\$189	\$73	\$418	5.96%	11.29%	\$3
2013	\$40	\$111	\$182	\$70	\$403	5.96%	11.29%	\$3
2014	\$39	\$107	\$176	\$67	\$389	5.96%	11.29%	\$3
2015	\$38	\$103	\$170	\$64	\$375	5.96%	11.29%	\$3
2016	\$37	\$100	\$164	\$61	\$362	5.96%	11.29%	\$2
2017	\$36	\$97	\$158	\$58	\$349	5.96%	11.29%	\$2
2018	\$35	\$94	\$152	\$56	\$337	5.96%	11.29%	\$2
2019	\$34	\$91	\$147	\$54	\$326	5.96%	11.29%	\$2
2020	\$33	\$88	\$142	\$52	\$315	5.96%	11.29%	\$2
2021	\$32	\$85	\$137	\$50	\$304	5.96%	11.29%	\$2
2022	\$31	\$82	\$132	\$48	\$293	5.96%	11.29%	\$2
2023	\$30	\$79	\$127	\$46	\$282	5.96%	11.29%	\$2
2024	\$29	\$76	\$123	\$44	\$272	5.96%	11.29%	\$2
2025	\$28	\$73	\$119	\$42	\$262	5.96%	11.29%	\$2

Table 4

Incremental Customer Costs									
1	2	3	4	5=3*4	6	7	8=6*7	9	5+8
Year	Monthly Adm. Cost	Annual Adm. Cost	Ratio Therms To Total Consumed	Annual Ratio Adm. Cost	Annual O&M Cost	Ratio Therms To Total Consumed	Annual Ratio O&M Cost	Total Incremental Adm. & O&M Cost	
2006	\$1.02	\$12	11.29%	\$1.35	\$11.16	11.29%	\$1	\$3	
2007	\$1.04	\$13	11.29%	\$1.47	\$11.43	11.29%	\$1	\$3	
2008	\$1.07	\$13	11.29%	\$1.47	\$11.70	11.29%	\$1	\$3	
2009	\$1.10	\$13	11.29%	\$1.47	\$11.98	11.29%	\$1	\$3	
2010	\$1.12	\$13	11.29%	\$1.47	\$12.27	11.29%	\$1	\$3	
2011	\$1.15	\$14	11.29%	\$1.58	\$12.57	11.29%	\$1	\$3	
2012	\$1.18	\$14	11.29%	\$1.58	\$12.87	11.29%	\$1	\$3	
2013	\$1.20	\$14	11.29%	\$1.58	\$13.18	11.29%	\$1	\$3	
2014	\$1.23	\$15	11.29%	\$1.69	\$13.49	11.29%	\$2	\$3	
2015	\$1.26	\$15	11.29%	\$1.69	\$13.82	11.29%	\$2	\$3	
2016	\$1.29	\$16	11.29%	\$1.81	\$14.15	11.29%	\$2	\$3	
2017	\$1.32	\$16	11.29%	\$1.81	\$14.49	11.29%	\$2	\$3	
2018	\$1.36	\$16	11.29%	\$1.81	\$14.83	11.29%	\$2	\$3	
2019	\$1.39	\$17	11.29%	\$1.92	\$15.19	11.29%	\$2	\$4	
2020	\$1.42	\$17	11.29%	\$1.92	\$15.55	11.29%	\$2	\$4	
2021	\$1.46	\$17	11.29%	\$1.92	\$15.93	11.29%	\$2	\$4	
2022	\$1.49	\$18	11.29%	\$2.03	\$16.31	11.29%	\$2	\$4	
2023	\$1.53	\$18	11.29%	\$2.03	\$16.70	11.29%	\$2	\$4	
2024	\$1.56	\$19	11.29%	\$2.14	\$17.10	11.29%	\$2	\$4	
2025	\$1.60	\$19	11.29%	\$2.14	\$17.51	11.29%	\$2	\$4	

Table 5

Gas Costs			
1	2	3	2*3
Year	Therms	Per Therm Supply Cost	Gas Supply Cost
2006	50	\$0.6196	\$31
2007	50	\$0.6283	\$31
2008	50	\$0.6434	\$32
2009	50	\$0.6588	\$33
2010	50	\$0.6746	\$34
2011	50	\$0.6908	\$35
2012	50	\$0.7074	\$35
2013	50	\$0.7244	\$36
2014	50	\$0.7418	\$37
2015	50	\$0.7596	\$38
2016	50	\$0.7778	\$39
2017	50	\$0.7965	\$40
2018	50	\$0.8156	\$41
2019	50	\$0.8351	\$42
2020	50	\$0.8552	\$43
2021	50	\$0.8757	\$44
2022	50	\$0.8967	\$45
2023	50	\$0.9183	\$46
2024	50	\$0.9403	\$47
2025	50	\$0.9629	\$48

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Residential New Construction Program
RIM Test and Participants Test Results**

For

Cooking Appliances

St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
Participants Test - Cost Effective Results

Appliance Type
Cooking

Year	Year Number	Benefits				Costs							
		Avoided Electric KWH Cost	Gas Rebate	Avoided Electric Appliance O&M	TOTAL BENEFITS	Gas Equipment Cost	Electric Equipment & Installation Cost	Gas Installation Cost	Gas Appliance O & M	Gas Supply Cost	Gas Energy Charge	Gas Customer Charge	TOTAL COSTS
		Table 1				Table 2 Table 3 Table 4							
		3	4	5	3 thru 6	7	8	9	10	11	12	13	7 thru 13
2006	1	\$147	\$100	\$36	\$283	\$449	(\$574)	\$350	\$36	\$30	\$22	\$12	\$326
2007	2	\$149	0	\$37	\$186	0	0	0	\$37	\$31	\$22	\$12	\$102
2008	3	\$151	0	\$38	\$189	0	0	0	\$38	\$32	\$22	\$12	\$104
2009	4	\$153	0	\$39	\$191	0	0	0	\$39	\$33	\$22	\$12	\$106
2010	5	\$155	0	\$40	\$194	0	0	0	\$40	\$33	\$22	\$12	\$107
2011	6	\$157	0	\$41	\$197	0	0	0	\$41	\$34	\$22	\$12	\$109
2012	7	\$159	0	\$42	\$200	0	0	0	\$42	\$35	\$22	\$12	\$111
2013	8	\$161	0	\$43	\$203	0	0	0	\$43	\$36	\$22	\$12	\$113
2014	9	\$163	0	\$44	\$206	0	0	0	\$44	\$37	\$22	\$12	\$115
2015	10	\$165	0	\$45	\$209	0	0	0	\$45	\$38	\$22	\$12	\$117
2016	11	\$166	0	\$46	\$212	0	0	0	\$46	\$39	\$22	\$12	\$119
2017	12	\$168	0	\$47	\$215	0	0	0	\$47	\$39	\$22	\$12	\$121
2018	13	\$170	0	\$48	\$218	0	0	0	\$48	\$40	\$22	\$12	\$123
2019	14	\$172	100	\$49	\$321	626	(800)	279	\$49	\$41	\$22	\$12	\$229
2020	15	\$174	0	\$50	\$224	0	0	0	\$50	\$42	\$22	\$12	\$127
2021	16	\$176	0	\$51	\$228	0	0	0	\$51	\$43	\$22	\$12	\$129
2022	17	\$178	0	\$53	\$231	0	0	0	\$53	\$44	\$22	\$12	\$131
2023	18	\$180	0	\$54	\$234	0	0	0	\$54	\$45	\$22	\$12	\$134
2024	19	\$182	0	\$55	\$237	0	0	0	\$55	\$47	\$22	\$12	\$136
2025	20	\$184	0	\$56	\$240	0	0	0	\$56	\$48	\$22	\$12	\$139

Present Value
of Benefits \$2,126

Present Value
of Costs \$1,359

Benefit/Cost Ratio	1.56
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**St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
Participants Test - Data**

Appliance Type
Cooking

<u>Escalation Rates</u>		Elec Base Rates	0.0%
O&M Expense	2.4%	Fuel Rate	2.4%
Electric Fuel Adj.	2.4%	Gas Base Rates	0.0%

Electric KWH Cost - Table 1				
Year	Cost Per KWH	Annual KWH	Tax Rate	Electric Cost
A	B	C	D	B*C*(1+D)
2006	\$0.1020	1,310	10.00%	\$147
2007	\$0.1034	1,310	10.00%	\$149
2008	\$0.1047	1,310	10.00%	\$151
2009	\$0.1061	1,310	10.00%	\$153
2010	\$0.1074	1,310	10.00%	\$155
2011	\$0.1088	1,310	10.00%	\$157
2012	\$0.1101	1,310	10.00%	\$159
2013	\$0.1115	1,310	10.00%	\$161
2014	\$0.1128	1,310	10.00%	\$163
2015	\$0.1142	1,310	10.00%	\$165
2016	\$0.1155	1,310	10.00%	\$166
2017	\$0.1169	1,310	10.00%	\$168
2018	\$0.1182	1,310	10.00%	\$170
2019	\$0.1196	1,310	10.00%	\$172
2020	\$0.1209	1,310	10.00%	\$174
2021	\$0.1223	1,310	10.00%	\$176
2022	\$0.1236	1,310	10.00%	\$178
2023	\$0.1250	1,310	10.00%	\$180
2024	\$0.1263	1,310	10.00%	\$182
2025	\$0.1277	1,310	10.00%	\$184

Gas Supply Cost - Table 2				
Year	Cost Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.6136	45	10.00%	\$30
2007	\$0.6283	45	10.00%	\$31
2008	\$0.6434	45	10.00%	\$32
2009	\$0.6588	45	10.00%	\$33
2010	\$0.6746	45	10.00%	\$33
2011	\$0.6908	45	10.00%	\$34
2012	\$0.7074	45	10.00%	\$35
2013	\$0.7244	45	10.00%	\$36
2014	\$0.7418	45	10.00%	\$37
2015	\$0.7596	45	10.00%	\$38
2016	\$0.7778	45	10.00%	\$39
2017	\$0.7965	45	10.00%	\$39
2018	\$0.8156	45	10.00%	\$40
2019	\$0.8351	45	10.00%	\$41
2020	\$0.8552	45	10.00%	\$42
2021	\$0.8757	45	10.00%	\$43
2022	\$0.8967	45	10.00%	\$44
2023	\$0.9183	45	10.00%	\$45
2024	\$0.9403	45	10.00%	\$47
2025	\$0.9629	45	10.00%	\$48

Gas Energy Charge - Table 3				
Year	Rate Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.4530	45	10.00%	\$22
2007	\$0.4530	45	10.00%	\$22
2008	\$0.4530	45	10.00%	\$22
2009	\$0.4530	45	10.00%	\$22
2010	\$0.4530	45	10.00%	\$22
2011	\$0.4530	45	10.00%	\$22
2012	\$0.4530	45	10.00%	\$22
2013	\$0.4530	45	10.00%	\$22
2014	\$0.4530	45	10.00%	\$22
2015	\$0.4530	45	10.00%	\$22
2016	\$0.4530	45	10.00%	\$22
2017	\$0.4530	45	10.00%	\$22
2018	\$0.4530	45	10.00%	\$22
2019	\$0.4530	45	10.00%	\$22
2020	\$0.4530	45	10.00%	\$22
2021	\$0.4530	45	10.00%	\$22
2022	\$0.4530	45	10.00%	\$22
2023	\$0.4530	45	10.00%	\$22
2024	\$0.4530	45	10.00%	\$22
2025	\$0.4530	45	10.00%	\$22

Gas Customer Charge - Table 4							
Year	Monthly Customer Charge	Annual Customer Charge	Appliance Annual Therms	Total Annual Therms	Ratio - Appliance to Total	Tax Rate	Pro-Rated Customer Charge
A	B	C	D	E	D/E	G	C*(D/E)*(1+Z)
2006	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2007	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2008	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2009	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2010	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2011	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2012	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2013	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2014	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2015	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2016	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2017	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2018	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2019	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2020	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2021	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2022	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2023	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2024	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2025	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12

St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
RIM Test - Results

Appliance Type

Cooking

	Incremental Revenue Energy Charge	Incremental Revenue Cost of Gas	Incremental Revenue Cust. Charge	Total Gas Revenue	Gas Supply Cost	Investment Carrying Costs	Incremental Customer Costs	Program Cost	Total Costs
	Table 1	Table 1A	Table 2		Table 5	Table 3	Table 4		
1	2	3	4	2 thru 4	6	7	8	9	6 thru 9
2006	\$20	\$28	\$11	\$59	\$28	\$3	\$2	\$100.00	\$133
2007	\$20	\$28	\$11	\$60	\$28	\$3	\$2	\$0.00	\$34
2008	\$20	\$29	\$11	\$60	\$29	\$3	\$3	\$0.00	\$34
2009	\$20	\$30	\$11	\$61	\$30	\$3	\$3	\$0.00	\$35
2010	\$20	\$30	\$11	\$62	\$30	\$3	\$3	\$0.00	\$36
2011	\$20	\$31	\$11	\$62	\$31	\$3	\$3	\$0.00	\$36
2012	\$20	\$32	\$11	\$63	\$32	\$3	\$3	\$0.00	\$37
2013	\$20	\$33	\$11	\$64	\$33	\$2	\$3	\$0.00	\$38
2014	\$20	\$33	\$11	\$65	\$33	\$2	\$3	\$0.00	\$39
2015	\$20	\$34	\$11	\$66	\$34	\$2	\$3	\$0.00	\$39
2016	\$20	\$35	\$11	\$66	\$35	\$2	\$3	\$0.00	\$40
2017	\$20	\$36	\$11	\$67	\$36	\$2	\$3	\$0.00	\$41
2018	\$20	\$37	\$11	\$68	\$37	\$2	\$3	\$0.00	\$42
2019	\$20	\$38	\$11	\$69	\$38	\$2	\$3	\$100.00	\$143
2020	\$20	\$38	\$11	\$70	\$38	\$2	\$3	\$0.00	\$44
2021	\$20	\$39	\$11	\$71	\$39	\$2	\$3	\$0.00	\$45
2022	\$20	\$40	\$11	\$72	\$40	\$2	\$3	\$0.00	\$46
2023	\$20	\$41	\$11	\$73	\$41	\$2	\$4	\$0.00	\$47
2024	\$20	\$42	\$11	\$74	\$42	\$2	\$4	\$0.00	\$48
2025	\$20	\$43	\$11	\$75	\$43	\$2	\$4	\$0.00	\$49

Present Value
of Benefits

\$631

Present Value
of Costs

\$502

Benefit/Cost
Ratio

1.26

St. Joe Gas Company - Energy Conservation Filing 2007
Residential New Construction Program
RIM Test - Calculated Data

Appliance Type
Cooking

Fuel Rate Escalator	2.4%	Depreciation Rate - Supply Main	3.30%
Base Rate Escalator	0%	Depreciation Rate - Development Main	3.30%
Gas Customer Charge Escalator	0%	Depreciation Rate - Service Line	3.50%
O&M/Inflation Escalator	2.4%	Depreciation Rate - Meter	4.10%

Table 1

Revenue - Energy Charge				
1	2	3	2*3	
Year	Therms	Base Rate	Total Charge	
2006	45	\$0.4530	\$20	
2007	45	\$0.4530	\$20	
2008	45	\$0.4530	\$20	
2009	45	\$0.4530	\$20	
2010	45	\$0.4530	\$20	
2011	45	\$0.4530	\$20	
2012	45	\$0.4530	\$20	
2013	45	\$0.4530	\$20	
2014	45	\$0.4530	\$20	
2015	45	\$0.4530	\$20	
2016	45	\$0.4530	\$20	
2017	45	\$0.4530	\$20	
2018	45	\$0.4530	\$20	
2019	45	\$0.4530	\$20	
2020	45	\$0.4530	\$20	
2021	45	\$0.4530	\$20	
2022	45	\$0.4530	\$20	
2023	45	\$0.4530	\$20	
2024	45	\$0.4530	\$20	
2025	45	\$0.4530	\$20	

Table 1a

Revenue - Cost of Gas				
1	2	4	2*3	
Year	Therms	Fuel Rate	Total Charge	
2006	45	\$0.6136	\$28	
2007	45	\$0.6283	\$28	
2008	45	\$0.6434	\$29	
2009	45	\$0.6588	\$30	
2010	45	\$0.6746	\$30	
2011	45	\$0.6908	\$31	
2012	45	\$0.7074	\$32	
2013	45	\$0.7244	\$33	
2014	45	\$0.7418	\$33	
2015	45	\$0.7596	\$34	
2016	45	\$0.7778	\$35	
2017	45	\$0.7965	\$36	
2018	45	\$0.8156	\$37	
2019	45	\$0.8351	\$38	
2020	45	\$0.8552	\$38	
2021	45	\$0.8757	\$39	
2022	45	\$0.8967	\$40	
2023	45	\$0.9183	\$41	
2024	45	\$0.9403	\$42	
2025	45	\$0.9629	\$43	

Table 2

Revenue - Customer Charge				
1	2	3	4	4*3
Year	Monthly Customer Charge	Annual Customer Charge	Ratio Therms To Total Consumed	Prorated Annual Customer Charge
2006	\$9.00	\$108.00	10.16%	\$11
2007	\$9.00	\$108.00	10.16%	\$11
2008	\$9.00	\$108.00	10.16%	\$11
2009	\$9.00	\$108.00	10.16%	\$11
2010	\$9.00	\$108.00	10.16%	\$11
2011	\$9.00	\$108.00	10.16%	\$11
2012	\$9.00	\$108.00	10.16%	\$11
2013	\$9.00	\$108.00	10.16%	\$11
2014	\$9.00	\$108.00	10.16%	\$11
2015	\$9.00	\$108.00	10.16%	\$11
2016	\$9.00	\$108.00	10.16%	\$11
2017	\$9.00	\$108.00	10.16%	\$11
2018	\$9.00	\$108.00	10.16%	\$11
2019	\$9.00	\$108.00	10.16%	\$11
2020	\$9.00	\$108.00	10.16%	\$11
2021	\$9.00	\$108.00	10.16%	\$11
2022	\$9.00	\$108.00	10.16%	\$11
2023	\$9.00	\$108.00	10.16%	\$11
2024	\$9.00	\$108.00	10.16%	\$11
2025	\$9.00	\$108.00	10.16%	\$11

Table 3

Investment Carrying Costs								
1	2	3	4	5	6	7	8	6*7*8
Year	Supply Main	Development Main	Service Line	Meter	Total Investment	Cost of Debt	Ratio of Therms Consumed To Total	Investment Carrying Cost
2006	\$50	\$140	\$234	\$93	\$517	5.96%	10.16%	\$3
2007	\$49	\$135	\$228	\$89	\$498	5.96%	10.16%	\$3
2008	\$46	\$131	\$218	\$85	\$480	5.96%	10.16%	\$3
2009	\$44	\$127	\$210	\$82	\$463	5.96%	10.16%	\$3
2010	\$43	\$123	\$203	\$79	\$448	5.96%	10.16%	\$3
2011	\$42	\$119	\$196	\$76	\$433	5.96%	10.16%	\$3
2012	\$41	\$115	\$189	\$73	\$418	5.96%	10.16%	\$3
2013	\$40	\$111	\$182	\$70	\$403	5.96%	10.16%	\$2
2014	\$39	\$107	\$176	\$67	\$389	5.96%	10.16%	\$2
2015	\$38	\$103	\$170	\$64	\$375	5.96%	10.16%	\$2
2016	\$37	\$100	\$164	\$61	\$362	5.96%	10.16%	\$2
2017	\$36	\$97	\$158	\$58	\$349	5.96%	10.16%	\$2
2018	\$35	\$94	\$152	\$56	\$337	5.96%	10.16%	\$2
2019	\$34	\$91	\$147	\$54	\$326	5.96%	10.16%	\$2
2020	\$33	\$88	\$142	\$52	\$315	5.96%	10.16%	\$2
2021	\$32	\$85	\$137	\$50	\$304	5.96%	10.16%	\$2
2022	\$31	\$82	\$132	\$48	\$293	5.96%	10.16%	\$2
2023	\$30	\$79	\$127	\$46	\$282	5.96%	10.16%	\$2
2024	\$29	\$76	\$123	\$44	\$272	5.96%	10.16%	\$2
2025	\$28	\$73	\$119	\$42	\$262	5.96%	10.16%	\$2

Table 4

Incremental Customer Costs									
1	2	3	4	5=3*4	6	7	8=6*7	9=8	
Year	Monthly Adm. Cost	Annual Adm. Cost	Ratio Therms To Total Consumed	Annual Ratio	Annual O&M Cost	Ratio Therms To Total Consumed	Annual Ratio	Total Incremental Adm. & O&M Cost	
2006	\$1.02	\$12	10.16%	\$1.22	\$11.16	10.16%	\$1	\$2	
2007	\$1.04	\$13	10.16%	\$1.32	\$11.43	10.16%	\$1	\$2	
2008	\$1.07	\$13	10.16%	\$1.32	\$11.70	10.16%	\$1	\$3	
2009	\$1.10	\$13	10.16%	\$1.32	\$11.98	10.16%	\$1	\$3	
2010	\$1.12	\$13	10.16%	\$1.32	\$12.27	10.16%	\$1	\$3	
2011	\$1.15	\$14	10.16%	\$1.42	\$12.57	10.16%	\$1	\$3	
2012	\$1.18	\$14	10.16%	\$1.42	\$12.87	10.16%	\$1	\$3	
2013	\$1.20	\$14	10.16%	\$1.42	\$13.18	10.16%	\$1	\$3	
2014	\$1.23	\$15	10.16%	\$1.52	\$13.49	10.16%	\$1	\$3	
2015	\$1.26	\$15	10.16%	\$1.52	\$13.82	10.16%	\$1	\$3	
2016	\$1.29	\$16	10.16%	\$1.63	\$14.15	10.16%	\$1	\$3	
2017	\$1.32	\$16	10.16%	\$1.63	\$14.49	10.16%	\$1	\$3	
2018	\$1.36	\$16	10.16%	\$1.63	\$14.83	10.16%	\$2	\$3	
2019	\$1.39	\$17	10.16%	\$1.73	\$15.19	10.16%	\$2	\$3	
2020	\$1.42	\$17	10.16%	\$1.73	\$15.55	10.16%	\$2	\$3	
2021	\$1.46	\$17	10.16%	\$1.73	\$15.93	10.16%	\$2	\$3	
2022	\$1.49	\$18	10.16%	\$1.83	\$16.31	10.16%	\$2	\$3	
2023	\$1.53	\$18	10.16%	\$1.83	\$16.70	10.16%	\$2	\$4	
2024	\$1.56	\$19	10.16%	\$1.93	\$17.10	10.16%	\$2	\$4	
2025	\$1.60	\$19	10.16%	\$1.93	\$17.51	10.16%	\$2	\$4	

Table 5

Gas Costs				
1	2	3	2*3	
Year	Therms	Commodity Gas Supply Cost	Gas Supply Cost	
2006	45	0.6136	\$28	
2007	45	\$0.6283	\$28	
2008	45	\$0.6434	\$29	
2009	45	\$0.6588	\$30	
2010	45	\$0.6746	\$30	
2011	45	\$0.6908	\$31	
2012	45	\$0.7074	\$32	
2013	45	\$0.7244	\$33	
2014	45	\$0.7418	\$33	
2015	45	\$0.7596	\$34	
2016	45	\$0.7778	\$35	
2017	45	\$0.7965	\$36	
2018	45	\$0.8156	\$37	
2019	45	\$0.8351	\$38	
2020	45	\$0.8552	\$38	
2021	45	\$0.8757	\$39	
2022	45	\$0.8967	\$40	
2023	45	\$0.9183	\$41	
2024	45	\$0.9403	\$42	
2025	45	\$0.9629	\$43	

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

Residential Appliance Replacement Program
Summary of RIM Test and Participants Test Results

	<u>Proposed Allowance</u>	<u>Participants Test</u>	<u>RIM Test</u>
Gas Storage Tank Water Heating	\$525	1.89	1.13
Gas Tankless Water Heating	\$525	1.63	1.13
Gas Heating	\$625	1.30	1.09
Gas Clothes Drying	\$100	1.56	1.27
Gas Cooking	\$100	1.51	1.24

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Residential Appliance Replacement Program
RIM Test and Participants Test Results**

For

Storage Tank Water Heating

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
Participants Test - Cost Effective Results

Appliance Type
Storage Tank Water Heating

Year	Year Number	Benefits				Costs							
		Avoided Electric KWH Cost	Gas Rebate	Avoided Electric Appliance O&M	TOTAL BENEFITS	Gas Equipment Cost	Electric Equipment & Installation Cost	Gas Installation Cost	Gas Appliance O & M	Gas Supply Cost	Gas Energy Charge	Gas Customer Charge	TOTAL COSTS
		Table 1								Table 2	Table 3	Table 4	
1	2	3	4	5	3 thru 6	7	8	9	10	11	12	13	7 thru 13
2006	1	\$536	\$525	\$36	\$1,097	\$259	(\$314)	\$550	\$36	\$115	\$85	\$46	\$776
2007	2	\$543	0	\$37	\$580	0	0	0	\$37	\$117	\$85	\$46	\$285
2008	3	\$550	0	\$38	\$588	0	0	0	\$38	\$120	\$85	\$46	\$288
2009	4	\$557	0	\$39	\$596	0	0	0	\$39	\$123	\$85	\$46	\$292
2010	5	\$564	0	\$40	\$604	0	0	0	\$40	\$126	\$85	\$46	\$296
2011	6	\$571	0	\$41	\$612	0	0	0	\$41	\$129	\$85	\$46	\$300
2012	7	\$578	0	\$42	\$620	0	0	0	\$42	\$132	\$85	\$46	\$304
2013	8	\$585	0	\$43	\$628	0	0	0	\$43	\$135	\$85	\$46	\$308
2014	9	\$592	0	\$44	\$636	0	0	0	\$44	\$139	\$85	\$46	\$313
2015	10	\$599	0	\$45	\$644	0	0	0	\$45	\$142	\$85	\$46	\$317
2016	11	\$607	0	\$46	\$652	0	0	0	\$46	\$145	\$85	\$46	\$321
2017	12	\$614	0	\$47	\$660	0	0	0	\$47	\$149	\$85	\$46	\$326
2018	13	\$621	0	\$48	\$669	0	0	0	\$48	\$153	\$85	\$46	\$331
2019	14	\$628	350	\$49	\$1,027	361	(438)	348	\$49	\$156	\$85	\$46	\$607
2020	15	\$635	0	\$50	\$685	0	0	0	\$50	\$160	\$85	\$46	\$340
2021	16	\$642	0	\$51	\$693	0	0	0	\$51	\$164	\$85	\$46	\$345
2022	17	\$649	0	\$53	\$702	0	0	0	\$53	\$168	\$85	\$46	\$351
2023	18	\$656	0	\$54	\$710	0	0	0	\$54	\$172	\$85	\$46	\$356
2024	19	\$663	0	\$55	\$718	0	0	0	\$55	\$176	\$85	\$46	\$361
2025	20	\$670	0	\$56	\$727	0	0	0	\$56	\$180	\$85	\$46	\$367

Present Value
of Benefits **\$6,775**

Present Value
of Costs **\$3,594**

Benefit/Cost Ratio	1.89
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St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
Participants Test - Data

Appliance Type
Storage Tank Water Heating

Escalation Rates		Elec Base Rates	0.0%
O&M Expense	2.4%	Fuel Rate	2.4%
Electric Fuel Adj.	2.4%	Gas Base Rates	0.0%

Electric KWH Cost - Table 1				
Year	Cost Per KWH	Annual KWH	Tax Rate	Electric Cost
A	B	C	D	B*C*(1+D)
2006	\$0.1020	4,773	10%	\$536
2007	\$0.1034	4,773	10%	\$543
2008	\$0.1047	4,773	10%	\$550
2009	\$0.1061	4,773	10%	\$557
2010	\$0.1074	4,773	10%	\$564
2011	\$0.1088	4,773	10%	\$571
2012	\$0.1101	4,773	10%	\$578
2013	\$0.1115	4,773	10%	\$585
2014	\$0.1128	4,773	10%	\$592
2015	\$0.1142	4,773	10%	\$599
2016	\$0.1155	4,773	10%	\$607
2017	\$0.1169	4,773	10%	\$614
2018	\$0.1182	4,773	10%	\$621
2019	\$0.1196	4,773	10%	\$628
2020	\$0.1209	4,773	10%	\$635
2021	\$0.1223	4,773	10%	\$642
2022	\$0.1236	4,773	10%	\$649
2023	\$0.1250	4,773	10%	\$656
2024	\$0.1263	4,773	10%	\$663
2025	\$0.1277	4,773	10%	\$670

Gas Supply Cost - Table 2				
Year	Cost Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.6136	170	10%	\$115
2007	\$0.6283	170	10%	\$117
2008	\$0.6434	170	10%	\$120
2009	\$0.6588	170	10%	\$123
2010	\$0.6746	170	10%	\$126
2011	\$0.6908	170	10%	\$129
2012	\$0.7074	170	10%	\$132
2013	\$0.7244	170	10%	\$135
2014	\$0.7418	170	10%	\$139
2015	\$0.7596	170	10%	\$142
2016	\$0.7778	170	10%	\$145
2017	\$0.7965	170	10%	\$149
2018	\$0.8156	170	10%	\$153
2019	\$0.8351	170	10%	\$156
2020	\$0.8552	170	10%	\$160
2021	\$0.8757	170	10%	\$164
2022	\$0.8967	170	10%	\$168
2023	\$0.9183	170	10%	\$172
2024	\$0.9403	170	10%	\$176
2025	\$0.9629	170	10%	\$180

Gas Energy Charge - Table 3				
Year	Rate Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.4530	170	10%	\$85
2007	\$0.4530	170	10%	\$85
2008	\$0.4530	170	10%	\$85
2009	\$0.4530	170	10%	\$85
2010	\$0.4530	170	10%	\$85
2011	\$0.4530	170	10%	\$85
2012	\$0.4530	170	10%	\$85
2013	\$0.4530	170	10%	\$85
2014	\$0.4530	170	10%	\$85
2015	\$0.4530	170	10%	\$85
2016	\$0.4530	170	10%	\$85
2017	\$0.4530	170	10%	\$85
2018	\$0.4530	170	10%	\$85
2019	\$0.4530	170	10%	\$85
2020	\$0.4530	170	10%	\$85
2021	\$0.4530	170	10%	\$85
2022	\$0.4530	170	10%	\$85
2023	\$0.4530	170	10%	\$85
2024	\$0.4530	170	10%	\$85
2025	\$0.4530	170	10%	\$85

Gas Customer Charge - Table 4							
Year	Monthly Customer Charge	Annual Customer Charge	Appliance Annual Therms	Total Annual Therms	Ratio - Appliance to Total	Tax Rate	Pro-Rated Customer Charge
A	B	C	D	E	D/E	G	C*(D/E)*(1+Z)
2006	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2007	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2008	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2009	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2010	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2011	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2012	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2013	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2014	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2015	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2016	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2017	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2018	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2019	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2020	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2021	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2022	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2023	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2024	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2025	\$9.00	\$108.00	170	443	38.37%	10%	\$46

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
RIM Test - Results

Appliance Type
Storage Tank Water Heating

	Incremental Revenue Energy Charge	Incremental Revenue Cost of Gas	Incremental Revenue Cust. Charge	Total Gas Revenue	Gas Supply Cost	Investment Carrying Costs	Incremental Customer Costs	Program Cost	Total Costs
	Table 1	Table 1A	Table 2		Table 5	Table 3	Table 4		
1	2	3	4	2 thru 4	6	7	8	9	6 thru 9
2006	\$77	\$104	\$41	\$223	\$104	\$15	\$9	\$525.00	\$653
2007	\$77	\$107	\$41	\$225	\$107	\$15	\$9	\$0.00	\$131
2008	\$77	\$109	\$41	\$228	\$109	\$14	\$9	\$0.00	\$133
2009	\$77	\$112	\$41	\$230	\$112	\$13	\$10	\$0.00	\$135
2010	\$77	\$115	\$41	\$233	\$115	\$13	\$10	\$0.00	\$137
2011	\$77	\$117	\$41	\$236	\$117	\$13	\$10	\$0.00	\$140
2012	\$77	\$120	\$41	\$239	\$120	\$12	\$10	\$0.00	\$143
2013	\$77	\$123	\$41	\$242	\$123	\$12	\$10	\$0.00	\$145
2014	\$77	\$126	\$41	\$245	\$126	\$11	\$11	\$0.00	\$148
2015	\$77	\$129	\$41	\$248	\$129	\$11	\$11	\$0.00	\$151
2016	\$77	\$132	\$41	\$251	\$132	\$11	\$12	\$0.00	\$154
2017	\$77	\$135	\$41	\$254	\$135	\$10	\$12	\$0.00	\$157
2018	\$77	\$139	\$41	\$257	\$139	\$10	\$12	\$0.00	\$160
2019	\$77	\$142	\$41	\$260	\$142	\$10	\$12	\$525.00	\$689
2020	\$77	\$145	\$41	\$264	\$145	\$9	\$12	\$0.00	\$167
2021	\$77	\$149	\$41	\$267	\$149	\$9	\$13	\$0.00	\$170
2022	\$77	\$152	\$41	\$271	\$152	\$9	\$13	\$0.00	\$174
2023	\$77	\$156	\$41	\$275	\$156	\$8	\$13	\$0.00	\$178
2024	\$77	\$160	\$41	\$278	\$160	\$8	\$14	\$0.00	\$182
2025	\$77	\$164	\$41	\$282	\$164	\$8	\$14	\$0.00	\$185

Present Value
of Benefits

\$2,383

Present Value
of Costs

\$2,107

Benefit/Cost
Ratio

1.13

St. Joe Natural Gas Company - Energy Conservation Filing 2007

Residential Appliance Replacement Program

RIM Test - Calculated Data

Appliance Type
Storage Tank Water Heating

Fuel Rate Escalator	2.4%	Depreciation Rate - Supply Main	3.30%
Gas Energy Charge Escalator	0%	Depreciation Rate - Development Main	3.30%
Gas Customer Charge Escalator	0%	Depreciation Rate - Service Line	3.50%
O&M/Inflation Escalator	2.4%	Depreciation Rate - Meter	4.10%

Table 1

Revenue - Energy Charge			
1	2	3	2*3
Year	Therms	Base Rate	Total Charge
2006	170	\$0.4530	\$77
2007	170	\$0.4530	\$77
2008	170	\$0.4530	\$77
2009	170	\$0.4530	\$77
2010	170	\$0.4530	\$77
2011	170	\$0.4530	\$77
2012	170	\$0.4530	\$77
2013	170	\$0.4530	\$77
2014	170	\$0.4530	\$77
2015	170	\$0.4530	\$77
2016	170	\$0.4530	\$77
2017	170	\$0.4530	\$77
2018	170	\$0.4530	\$77
2019	170	\$0.4530	\$77
2020	170	\$0.4530	\$77
2021	170	\$0.4530	\$77
2022	170	\$0.4530	\$77
2023	170	\$0.4530	\$77
2024	170	\$0.4530	\$77
2025	170	\$0.4530	\$77

Table 1a

Revenue - Cost of Gas			
1	2	4	2*3
Year	Therms	Fuel Rate	Total Charge
2006	170	\$0.6136	\$104
2007	170	\$0.6283	\$107
2008	170	\$0.6434	\$109
2009	170	\$0.6588	\$112
2010	170	\$0.6746	\$115
2011	170	\$0.6908	\$117
2012	170	\$0.7074	\$120
2013	170	\$0.7244	\$123
2014	170	\$0.7418	\$126
2015	170	\$0.7596	\$129
2016	170	\$0.7778	\$132
2017	170	\$0.7965	\$135
2018	170	\$0.8156	\$139
2019	170	\$0.8351	\$142
2020	170	\$0.8552	\$145
2021	170	\$0.8757	\$149
2022	170	\$0.8967	\$152
2023	170	\$0.9183	\$156
2024	170	\$0.9403	\$160
2025	170	\$0.9629	\$164

Table 2

Revenue - Customer Charge				
1	2	3	4	4*3
Year	Monthly Customer Charge	Annual Customer Charge	Ratio Therms To Total Consumed	Prorated Annual Customer Charge
2006	\$9.00	\$108.00	38.37%	\$41
2007	\$9.00	\$108.00	38.37%	\$41
2008	\$9.00	\$108.00	38.37%	\$41
2009	\$9.00	\$108.00	38.37%	\$41
2010	\$9.00	\$108.00	38.37%	\$41
2011	\$9.00	\$108.00	38.37%	\$41
2012	\$9.00	\$108.00	38.37%	\$41
2013	\$9.00	\$108.00	38.37%	\$41
2014	\$9.00	\$108.00	38.37%	\$41
2015	\$9.00	\$108.00	38.37%	\$41
2016	\$9.00	\$108.00	38.37%	\$41
2017	\$9.00	\$108.00	38.37%	\$41
2018	\$9.00	\$108.00	38.37%	\$41
2019	\$9.00	\$108.00	38.37%	\$41
2020	\$9.00	\$108.00	38.37%	\$41
2021	\$9.00	\$108.00	38.37%	\$41
2022	\$9.00	\$108.00	38.37%	\$41
2023	\$9.00	\$108.00	38.37%	\$41
2024	\$9.00	\$108.00	38.37%	\$41
2025	\$9.00	\$108.00	38.37%	\$41

Table 3

Investment Carrying Costs								
1	2	3	4	5	6	7	8	6*7*8
Year	Supply Main	Development Main	Service Line	Meter	Total Investment	Cost of Debt	Ratio of Therms Consumed To Total	Investment Carrying Cost
2006	\$50	\$280	\$234	\$93	\$657	5.96%	38.37%	\$15
2007	\$48	\$271	\$226	\$89	\$634	5.96%	38.37%	\$15
2008	\$46	\$262	\$218	\$85	\$611	5.96%	38.37%	\$14
2009	\$44	\$253	\$210	\$82	\$589	5.96%	38.37%	\$13
2010	\$43	\$245	\$203	\$79	\$570	5.96%	38.37%	\$13
2011	\$42	\$237	\$196	\$76	\$551	5.96%	38.37%	\$13
2012	\$41	\$229	\$189	\$73	\$532	5.96%	38.37%	\$12
2013	\$40	\$221	\$182	\$70	\$513	5.96%	38.37%	\$12
2014	\$39	\$214	\$176	\$67	\$496	5.96%	38.37%	\$11
2015	\$38	\$207	\$170	\$64	\$479	5.96%	38.37%	\$11
2016	\$37	\$200	\$164	\$61	\$462	5.96%	38.37%	\$11
2017	\$36	\$193	\$158	\$58	\$445	5.96%	38.37%	\$10
2018	\$35	\$187	\$152	\$56	\$430	5.96%	38.37%	\$10
2019	\$34	\$181	\$147	\$54	\$416	5.96%	38.37%	\$10
2020	\$33	\$175	\$142	\$52	\$402	5.96%	38.37%	\$9
2021	\$32	\$169	\$137	\$50	\$388	5.96%	38.37%	\$9
2022	\$31	\$163	\$132	\$48	\$374	5.96%	38.37%	\$9
2023	\$30	\$158	\$127	\$46	\$361	5.96%	38.37%	\$8
2024	\$29	\$153	\$123	\$44	\$349	5.96%	38.37%	\$8
2025	\$28	\$148	\$119	\$42	\$337	5.96%	38.37%	\$8

Table 4

Incremental Customer Costs								
1	2	3	4	5=3*4	6	7	8=6*7	5+8
Year	Monthly Adm. Cost	Annual Adm. Cost	Ratio Therms To Total Consumed	Annual Ratio Adm. Cost	Annual O&M Cost	Ratio Therms To Total Consumed	Annual Ratio O&M Cost	Total Incremental Adm. & O&M Cost
2006	\$1.02	\$12	38.37%	\$4.60	\$11.16	38.37%	\$4	\$9
2007	\$1.04	\$13	38.37%	\$4.99	\$11.43	38.37%	\$4	\$9
2008	\$1.07	\$13	38.37%	\$4.99	\$11.70	38.37%	\$4	\$9
2009	\$1.10	\$13	38.37%	\$4.99	\$11.98	38.37%	\$5	\$10
2010	\$1.12	\$13	38.37%	\$4.99	\$12.27	38.37%	\$5	\$10
2011	\$1.15	\$14	38.37%	\$5.37	\$12.57	38.37%	\$5	\$10
2012	\$1.18	\$14	38.37%	\$5.37	\$12.87	38.37%	\$5	\$10
2013	\$1.20	\$14	38.37%	\$5.37	\$13.18	38.37%	\$5	\$10
2014	\$1.23	\$15	38.37%	\$5.76	\$13.49	38.37%	\$5	\$11
2015	\$1.26	\$15	38.37%	\$5.76	\$13.82	38.37%	\$5	\$11
2016	\$1.29	\$16	38.37%	\$6.14	\$14.15	38.37%	\$5	\$12
2017	\$1.32	\$16	38.37%	\$6.14	\$14.49	38.37%	\$6	\$12
2018	\$1.36	\$16	38.37%	\$6.14	\$14.83	38.37%	\$6	\$12
2019	\$1.39	\$17	38.37%	\$6.52	\$15.19	38.37%	\$6	\$12
2020	\$1.42	\$17	38.37%	\$6.52	\$15.55	38.37%	\$6	\$12
2021	\$1.46	\$17	38.37%	\$6.52	\$15.93	38.37%	\$6	\$13
2022	\$1.49	\$18	38.37%	\$6.91	\$16.31	38.37%	\$6	\$13
2023	\$1.53	\$18	38.37%	\$6.91	\$16.70	38.37%	\$6	\$13
2024	\$1.56	\$19	38.37%	\$7.29	\$17.10	38.37%	\$7	\$14
2025	\$1.60	\$19	38.37%	\$7.29	\$17.51	38.37%	\$7	\$14

Table 5

Gas Costs			
1	2	3	2*3
Year	Therms	Gas Supply Rate	Gas Supply Cost
2006	170	0.6136	\$104
2007	170	\$0.6283	\$107
2008	170	\$0.6434	\$109
2009	170	\$0.6588	\$112
2010	170	\$0.6746	\$115
2011	170	\$0.6908	\$117
2012	170	\$0.7074	\$120
2013	170	\$0.7244	\$123
2014	170	\$0.7418	\$126
2015	170	\$0.7596	\$129
2016	170	\$0.7778	\$132
2017	170	\$0.7965	\$135
2018	170	\$0.8156	\$139
2019	170	\$0.8351	\$142
2020	170	\$0.8552	\$145
2021	170	\$0.8757	\$149
2022	170	\$0.8967	\$152
2023	170	\$0.9183	\$156
2024	170	\$0.9403	\$160
2025	170	\$0.9629	\$164

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Residential Appliance Replacement Program
RIM Test and Participants Test Results**

For

Tankless Water Heating

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
Participants Test - Cost Effective Results

Appliance Type
Tankless Water Heating

Year	Year Number	Benefits				Costs							
		Avoided Electric KWH Cost	Gas Rebate	Avoided Electric Appliance O&M	TOTAL BENEFITS	Gas Equipment Cost	Electric Equipment & Installation Cost	Gas Installation Cost	Gas Appliance O & M	Gas Supply Cost	Gas Energy Charge	Gas Customer Charge	TOTAL COSTS
		Table 1				Table 2 Table 3 Table 4							
1	2	3	4	5	3 thru 6	7	8	9	10	11	12	13	7 thru 13
2006	1	\$536	\$525	\$36	\$1,097	\$950	(\$314)	\$500	\$36	\$101	\$75	\$42	\$1,390
2007	2	\$543	0	\$37	\$580	0	0	0	\$37	\$104	\$75	\$42	\$257
2008	3	\$550	0	\$38	\$588	0	0	0	\$38	\$106	\$75	\$42	\$261
2009	4	\$557	0	\$39	\$596	0	0	0	\$39	\$109	\$75	\$42	\$264
2010	5	\$564	0	\$40	\$604	0	0	0	\$40	\$111	\$75	\$42	\$268
2011	6	\$571	0	\$41	\$612	0	0	0	\$41	\$114	\$75	\$42	\$271
2012	7	\$578	0	\$42	\$620	0	0	0	\$42	\$117	\$75	\$42	\$275
2013	8	\$585	0	\$43	\$628	0	0	0	\$43	\$120	\$75	\$42	\$279
2014	9	\$592	0	\$44	\$636	0	0	0	\$44	\$122	\$75	\$42	\$283
2015	10	\$599	0	\$45	\$644	0	0	0	\$45	\$125	\$75	\$42	\$287
2016	11	\$607	0	\$46	\$652	0	0	0	\$46	\$128	\$75	\$42	\$291
2017	12	\$614	0	\$47	\$660	0	0	0	\$47	\$131	\$75	\$42	\$296
2018	13	\$621	0	\$48	\$669	0	0	0	\$48	\$135	\$75	\$42	\$299
2019	14	\$628	0	\$49	\$677	0	0	0	\$49	\$138	\$75	\$42	\$304
2020	15	\$635	0	\$50	\$685	0	0	0	\$50	\$141	\$75	\$42	\$308
2021	16	\$642	0	\$51	\$693	0	0	0	\$51	\$144	\$75	\$42	\$313
2022	17	\$649	0	\$53	\$702	0	0	0	\$53	\$148	\$75	\$42	\$317
2023	18	\$656	0	\$54	\$710	0	0	0	\$54	\$152	\$75	\$42	\$322
2024	19	\$663	0	\$55	\$718	0	0	0	\$55	\$155	\$75	\$42	\$327
2025	20	\$670	450	\$56	\$1,177	1,527	(505)	562	\$56	\$159	\$75	\$42	\$1,917

Present Value
of Benefits **\$6,753**

Present Value
of Costs **\$4,145**

Benefit/Cost Ratio	1.63
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St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
Participants Test - Data

Appliance Type
Tankless Water Heating

<u>Escalation Rates</u>		Elec Base Rates	0.0%
O&M Expense	2.4%	Fuel Rate	2.4%
Electric Fuel Adj.	2.4%	Gas Base Rates	0.0%

Electric KWH Cost - Table 1				
Year	Cost Per KWH	Annual KWH	Tax Rate	Electric Cost
A	B	C	D	B*C*(1+D)
2006	\$0.1020	4,773	10.00%	\$536
2007	\$0.1034	4,773	10.00%	\$543
2008	\$0.1047	4,773	10.00%	\$550
2009	\$0.1061	4,773	10.00%	\$557
2010	\$0.1074	4,773	10.00%	\$564
2011	\$0.1088	4,773	10.00%	\$571
2012	\$0.1101	4,773	10.00%	\$578
2013	\$0.1115	4,773	10.00%	\$585
2014	\$0.1128	4,773	10.00%	\$592
2015	\$0.1142	4,773	10.00%	\$599
2016	\$0.1155	4,773	10.00%	\$607
2017	\$0.1169	4,773	10.00%	\$614
2018	\$0.1182	4,773	10.00%	\$621
2019	\$0.1196	4,773	10.00%	\$628
2020	\$0.1209	4,773	10.00%	\$635
2021	\$0.1223	4,773	10.00%	\$642
2022	\$0.1236	4,773	10.00%	\$649
2023	\$0.1250	4,773	10.00%	\$656
2024	\$0.1263	4,773	10.00%	\$663
2025	\$0.1277	4,773	10.00%	\$670

Gas Supply Cost - Table 2				
Year	Cost Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.6136	150	10.00%	\$101
2007	\$0.6283	150	10.00%	\$104
2008	\$0.6434	150	10.00%	\$106
2009	\$0.6588	150	10.00%	\$109
2010	\$0.6746	150	10.00%	\$111
2011	\$0.6908	150	10.00%	\$114
2012	\$0.7074	150	10.00%	\$117
2013	\$0.7244	150	10.00%	\$120
2014	\$0.7418	150	10.00%	\$122
2015	\$0.7596	150	10.00%	\$125
2016	\$0.7778	150	10.00%	\$128
2017	\$0.7965	150	10.00%	\$131
2018	\$0.8156	150	10.00%	\$135
2019	\$0.8351	150	10.00%	\$138
2020	\$0.8552	150	10.00%	\$141
2021	\$0.8757	150	10.00%	\$144
2022	\$0.8967	150	10.00%	\$148
2023	\$0.9183	150	10.00%	\$152
2024	\$0.9403	150	10.00%	\$155
2025	\$0.9629	150	10.00%	\$159

Gas Energy Charge - Table 3				
Year	Rate Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.4530	150	10.00%	\$75
2007	\$0.4530	150	10.00%	\$75
2008	\$0.4530	150	10.00%	\$75
2009	\$0.4530	150	10.00%	\$75
2010	\$0.4530	150	10.00%	\$75
2011	\$0.4530	150	10.00%	\$75
2012	\$0.4530	150	10.00%	\$75
2013	\$0.4530	150	10.00%	\$75
2014	\$0.4530	150	10.00%	\$75
2015	\$0.4530	150	10.00%	\$75
2016	\$0.4530	150	10.00%	\$75
2017	\$0.4530	150	10.00%	\$75
2018	\$0.4530	150	10.00%	\$75
2019	\$0.4530	150	10.00%	\$75
2020	\$0.4530	150	10.00%	\$75
2021	\$0.4530	150	10.00%	\$75
2022	\$0.4530	150	10.00%	\$75
2023	\$0.4530	150	10.00%	\$75
2024	\$0.4530	150	10.00%	\$75
2025	\$0.4530	150	10.00%	\$75

Gas Customer Charge - Table 4							
Year	Monthly Customer Charge	Annual Customer Charge	Appliance Annual Therms	Total Annual Therms	Ratio - Appliance to Total	Tax Rate	Pro-Rated Customer Charge
A	B	C	D	E	D/E	G	C*(D/E)*(1+Z)
2006	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2007	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2008	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2009	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2010	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2011	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2012	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2013	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2014	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2015	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2016	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2017	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2018	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2019	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2020	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2021	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2022	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2023	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2024	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2025	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
RIM Test - Results

Appliance Type

Tankless Water Heating

	Incremental Revenue Energy Charge	Incremental Revenue Cost of Gas	Incremental Revenue Cust. Charge	Total Gas Revenue	Gas Supply Cost	Investment Carrying Costs	Incremental Customer Costs	Program Cost	Total Costs
	Table 1	Table 1A	Table 2		Table 5	Table 3	Table 4		
1	2	3	4	2 thru 4	6	7	8	9	6 thru 9
2002	\$68	\$92	\$38	\$198	\$92	\$14	\$8	\$525.00	\$639
2003	\$68	\$94	\$38	\$200	\$94	\$13	\$9	\$0.00	\$116
2004	\$68	\$97	\$38	\$203	\$97	\$13	\$9	\$0.00	\$118
2005	\$68	\$99	\$38	\$205	\$99	\$12	\$9	\$0.00	\$120
2006	\$68	\$101	\$38	\$207	\$101	\$12	\$9	\$0.00	\$122
2007	\$68	\$104	\$38	\$210	\$104	\$12	\$9	\$0.00	\$125
2008	\$68	\$106	\$38	\$212	\$106	\$11	\$10	\$0.00	\$127
2009	\$68	\$109	\$38	\$215	\$109	\$11	\$10	\$0.00	\$129
2010	\$68	\$111	\$38	\$218	\$111	\$10	\$10	\$0.00	\$132
2011	\$68	\$114	\$38	\$220	\$114	\$10	\$10	\$0.00	\$134
2012	\$68	\$117	\$38	\$223	\$117	\$10	\$11	\$0.00	\$137
2013	\$68	\$119	\$38	\$226	\$119	\$9	\$11	\$0.00	\$140
2014	\$68	\$122	\$38	\$229	\$122	\$9	\$11	\$0.00	\$142
2015	\$68	\$125	\$38	\$232	\$125	\$9	\$11	\$0.00	\$145
2016	\$68	\$128	\$38	\$235	\$128	\$8	\$12	\$0.00	\$148
2017	\$68	\$131	\$38	\$238	\$131	\$8	\$12	\$0.00	\$151
2018	\$68	\$135	\$38	\$241	\$135	\$8	\$12	\$0.00	\$155
2019	\$68	\$138	\$38	\$244	\$138	\$8	\$12	\$0.00	\$158
2020	\$68	\$141	\$38	\$247	\$141	\$7	\$13	\$0.00	\$161
2021	\$68	\$144	\$38	\$251	\$144	\$7	\$13	\$525.00	\$689

Present Value
of Benefits

\$2,120

Present Value
of Costs

\$1,881

Benefit/Cost
Ratio

1.13

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
RIM Test - Calculated Data

Appliance Type
Tankless Water Heating

Fuel Rate Escalator	2.4%	Depreciation Rate - Supply Main	3.30%
Gas Energy Charge Escalator	0%	Depreciation Rate - Development Main	3.30%
Gas Customer Charge Escalator	0%	Depreciation Rate - Service Line	3.50%
O&M/Inflation Escalator	2.4%	Depreciation Rate - Meter	4.10%

Table 1

Revenue - Energy charge				
1	2	3	2*3	
Year	Therms	Base Rate	Total Charge	
2006	150	\$0.4530	\$68	
2007	150	\$0.4530	\$68	
2008	150	\$0.4530	\$68	
2009	150	\$0.4530	\$68	
2010	150	\$0.4530	\$68	
2011	150	\$0.4530	\$68	
2012	150	\$0.4530	\$68	
2013	150	\$0.4530	\$68	
2014	150	\$0.4530	\$68	
2015	150	\$0.4530	\$68	
2016	150	\$0.4530	\$68	
2017	150	\$0.4530	\$68	
2018	150	\$0.4530	\$68	
2019	150	\$0.4530	\$68	
2020	150	\$0.4530	\$68	
2021	150	\$0.4530	\$68	
2022	150	\$0.4530	\$68	
2023	150	\$0.4530	\$68	
2024	150	\$0.4530	\$68	
2025	150	\$0.4530	\$68	

Table 1a

Revenue - Cost of Gas				
1	2	4	2*3	
Year	Therms	Fuel Rate	Total Charge	
2006	150	\$0.8136	\$92	
2007	150	\$0.8283	\$94	
2008	150	\$0.8434	\$97	
2009	150	\$0.8588	\$99	
2010	150	\$0.8746	\$101	
2011	150	\$0.8908	\$104	
2012	150	\$0.7074	\$106	
2013	150	\$0.7244	\$109	
2014	150	\$0.7418	\$111	
2015	150	\$0.7596	\$114	
2016	150	\$0.7778	\$117	
2017	150	\$0.7965	\$119	
2018	150	\$0.8156	\$122	
2019	150	\$0.8351	\$125	
2020	150	\$0.8552	\$128	
2021	150	\$0.8757	\$131	
2022	150	\$0.8967	\$135	
2023	150	\$0.9183	\$138	
2024	150	\$0.9403	\$141	
2025	150	\$0.9629	\$144	

Table 2

Revenue - Customer Charge				
1	2	3	4	4*3
Year	Monthly Customer Charge	Annual Customer Charge	Ratio Therms To Total Consumed	Prorated Annual Customer Charge
2006	\$9.00	\$108.00	35.46%	\$38
2007	\$9.00	\$108.00	35.46%	\$38
2008	\$9.00	\$108.00	35.46%	\$38
2009	\$9.00	\$108.00	35.46%	\$38
2010	\$9.00	\$108.00	35.46%	\$38
2011	\$9.00	\$108.00	35.46%	\$38
2012	\$9.00	\$108.00	35.46%	\$38
2013	\$9.00	\$108.00	35.46%	\$38
2014	\$9.00	\$108.00	35.46%	\$38
2015	\$9.00	\$108.00	35.46%	\$38
2016	\$9.00	\$108.00	35.46%	\$38
2017	\$9.00	\$108.00	35.46%	\$38
2018	\$9.00	\$108.00	35.46%	\$38
2019	\$9.00	\$108.00	35.46%	\$38
2020	\$9.00	\$108.00	35.46%	\$38
2021	\$9.00	\$108.00	35.46%	\$38
2022	\$9.00	\$108.00	35.46%	\$38
2023	\$9.00	\$108.00	35.46%	\$38
2024	\$9.00	\$108.00	35.46%	\$38
2025	\$9.00	\$108.00	35.46%	\$38

Table 3

Investment Carrying Costs								
1	2	3	4	5	6	7	8	6*7*8
Year	Supply Main	Development Main	Service Line	Meter	Total Investment	Cost of Debt	Ratio of Therms Consumed To Total	Investment Carrying Cost
2006	\$50	\$280	\$234	\$83	\$657	5.96%	35.46%	\$14
2007	\$48	\$271	\$226	\$89	\$634	5.96%	35.46%	\$13
2008	\$46	\$262	\$218	\$85	\$611	5.96%	35.46%	\$13
2009	\$44	\$253	\$210	\$82	\$589	5.96%	35.46%	\$12
2010	\$43	\$245	\$203	\$79	\$570	5.96%	35.46%	\$12
2011	\$42	\$237	\$196	\$76	\$551	5.96%	35.46%	\$12
2012	\$41	\$229	\$189	\$73	\$532	5.96%	35.46%	\$11
2013	\$40	\$221	\$182	\$70	\$513	5.96%	35.46%	\$11
2014	\$39	\$214	\$176	\$67	\$496	5.96%	35.46%	\$10
2015	\$38	\$207	\$170	\$64	\$479	5.96%	35.46%	\$10
2016	\$37	\$200	\$164	\$61	\$462	5.96%	35.46%	\$10
2017	\$36	\$193	\$158	\$58	\$445	5.96%	35.46%	\$9
2018	\$35	\$187	\$152	\$56	\$430	5.96%	35.46%	\$9
2019	\$34	\$181	\$147	\$54	\$416	5.96%	35.46%	\$8
2020	\$33	\$175	\$142	\$52	\$402	5.96%	35.46%	\$8
2021	\$32	\$169	\$137	\$50	\$388	5.96%	35.46%	\$8
2022	\$31	\$163	\$132	\$48	\$374	5.96%	35.46%	\$8
2023	\$30	\$158	\$127	\$46	\$361	5.96%	35.46%	\$8
2024	\$29	\$153	\$123	\$44	\$349	5.96%	35.46%	\$7
2025	\$28	\$148	\$119	\$42	\$337	5.96%	35.46%	\$7

Table 4

Incremental Customer Costs									
1	2	3	4	5=3*4	6	7	8=6*7	9=8	
Year	Monthly Adm. Cost	Annual Adm. Cost	Ratio Therms To Total Consumed	Annual Ratio Adm. Cost	Annual O&M Cost	Ratio Therms To Total Consumed	Annual Ratio O&M Cost	Total Incremental	
2006	\$1.02	\$12	35.46%	\$4.26	\$11.16	35.46%	\$4	\$8	
2007	\$1.04	\$13	35.46%	\$4.61	\$11.43	35.46%	\$4	\$9	
2008	\$1.07	\$13	35.46%	\$4.61	\$11.70	35.46%	\$4	\$9	
2009	\$1.10	\$13	35.46%	\$4.61	\$11.98	35.46%	\$4	\$9	
2010	\$1.12	\$13	35.46%	\$4.61	\$12.27	35.46%	\$4	\$9	
2011	\$1.15	\$14	35.46%	\$4.96	\$12.57	35.46%	\$4	\$9	
2012	\$1.18	\$14	35.46%	\$4.96	\$12.87	35.46%	\$5	\$10	
2013	\$1.20	\$14	35.46%	\$4.96	\$13.18	35.46%	\$5	\$10	
2014	\$1.23	\$15	35.46%	\$5.32	\$13.49	35.46%	\$5	\$10	
2015	\$1.26	\$15	35.46%	\$5.32	\$13.82	35.46%	\$5	\$10	
2016	\$1.29	\$16	35.46%	\$5.67	\$14.15	35.46%	\$5	\$11	
2017	\$1.32	\$16	35.46%	\$5.67	\$14.49	35.46%	\$5	\$11	
2018	\$1.36	\$18	35.46%	\$5.67	\$14.83	35.46%	\$5	\$11	
2019	\$1.39	\$17	35.46%	\$6.03	\$15.19	35.46%	\$5	\$11	
2020	\$1.42	\$17	35.46%	\$6.03	\$15.55	35.46%	\$6	\$12	
2021	\$1.46	\$17	35.46%	\$6.03	\$15.93	35.46%	\$6	\$12	
2022	\$1.49	\$18	35.46%	\$6.38	\$16.31	35.46%	\$6	\$12	
2023	\$1.53	\$18	35.46%	\$6.38	\$16.70	35.46%	\$6	\$13	
2024	\$1.56	\$19	35.46%	\$6.74	\$17.10	35.46%	\$6	\$13	
2025	\$1.60	\$19	35.46%	\$6.74	\$17.51	35.46%	\$6	\$13	

Table 5

Gas Costs				
1	2	3	2*3	
Year	Therms	Gas Supply Rate	Gas Supply Cost	
2006	150	0.6136	\$92	
2007	150	\$0.6283	\$94	
2008	150	\$0.6434	\$97	
2009	150	\$0.6588	\$99	
2010	150	\$0.6746	\$101	
2011	150	\$0.6908	\$104	
2012	150	\$0.7074	\$106	
2013	150	\$0.7244	\$109	
2014	150	\$0.7418	\$111	
2015	150	\$0.7596	\$114	
2016	150	\$0.7778	\$117	
2017	150	\$0.7965	\$119	
2018	150	\$0.8156	\$122	
2019	150	\$0.8351	\$125	
2020	150	\$0.8552	\$128	
2021	150	\$0.8757	\$131	
2022	150	\$0.8967	\$135	
2023	150	\$0.9183	\$138	
2024	150	\$0.9403	\$141	
2025	150	\$0.9629	\$144	

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Residential Appliance Replacement Program
RIM Test and Participants Test Results**

For

Heating Systems

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
Participants Test - Cost Effective Results

Appliance Type
Heating System

Year	Year Number	Benefits				Costs							
		Avoided Electric KWH Cost	Gas Rebate	Avoided Electric Appliance O&M	TOTAL BENEFITS	Gas Equipment Cost	Electric Equipment & Installation Cost	Gas Installation Cost	Gas Appliance O & M	Gas Supply Cost	Gas Energy Charge	Gas Customer Charge	TOTAL COSTS
		Table 1				Table 2 Table 3 Table 4							
		3	4	5	3 thru 6	7	8	9	10	11	12	13	7 thru 13
2006	1	\$353	\$625	\$192	\$1,170	\$2,052	(\$3,850)	\$2,085	\$192	\$120	\$89	\$48	\$736
2007	2	\$358	0	\$197	\$555	0	0	0	\$197	\$123	\$89	\$48	\$456
2008	3	\$363	0	\$201	\$564	0	0	0	\$201	\$126	\$89	\$48	\$464
2009	4	\$368	0	\$206	\$574	0	0	0	\$206	\$129	\$89	\$48	\$472
2010	5	\$372	0	\$211	\$583	0	0	0	\$211	\$132	\$89	\$48	\$480
2011	6	\$377	0	\$216	\$593	0	0	0	\$216	\$135	\$89	\$48	\$488
2012	7	\$382	0	\$221	\$603	0	0	0	\$221	\$139	\$89	\$48	\$496
2013	8	\$386	0	\$227	\$613	0	0	0	\$227	\$142	\$89	\$48	\$505
2014	9	\$391	0	\$232	\$623	0	0	0	\$232	\$145	\$89	\$48	\$514
2015	10	\$396	0	\$238	\$633	0	0	0	\$238	\$149	\$89	\$48	\$523
2016	11	\$400	0	\$243	\$644	0	0	0	\$243	\$152	\$89	\$48	\$532
2017	12	\$405	0	\$249	\$654	0	0	0	\$249	\$156	\$89	\$48	\$542
2018	13	\$410	0	\$255	\$665	0	0	0	\$255	\$160	\$89	\$48	\$551
2019	14	\$414	0	\$261	\$676	0	0	0	\$261	\$164	\$89	\$48	\$561
2020	15	\$419	350	\$268	\$1,037	2,929	(5,495)	2,352	\$268	\$167	\$89	\$48	\$357
2021	16	\$424	0	\$274	\$698	0	0	0	\$274	\$171	\$89	\$48	\$582
2022	17	\$428	0	\$281	\$709	0	0	0	\$281	\$176	\$89	\$48	\$593
2023	18	\$433	0	\$287	\$720	0	0	0	\$287	\$180	\$89	\$48	\$604
2024	19	\$438	0	\$294	\$732	0	0	0	\$294	\$184	\$89	\$48	\$615
2025	20	\$442	0	\$301	\$744	0	0	0	\$301	\$189	\$89	\$48	\$626

Present Value of Benefits **\$6,730**

Present Value of Costs **\$5,190**

Benefit/Cost Ratio	1.30
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St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
Participants Test - Data

Appliance Type
Heating System

<u>Escalation Rates</u>		Elec Base Rates	0.0%
O&M Expense	2.4%	Fuel Rate	2.4%
Electric Fuel Adj.	2.4%	Gas Base Rates	0.0%

Electric KWH Cost - Table 1				
Year	Cost Per KWH	Annual KWH	Tax Rate	Electric Cost
A	B	C	D	B*C*(1+D)
2006	\$0.1020	3,150	10.00%	\$353
2007	\$0.1034	3,150	10.00%	\$358
2008	\$0.1047	3,150	10.00%	\$363
2009	\$0.1081	3,150	10.00%	\$368
2010	\$0.1074	3,150	10.00%	\$372
2011	\$0.1088	3,150	10.00%	\$377
2012	\$0.1101	3,150	10.00%	\$382
2013	\$0.1115	3,150	10.00%	\$386
2014	\$0.1128	3,150	10.00%	\$391
2015	\$0.1142	3,150	10.00%	\$396
2016	\$0.1155	3,150	10.00%	\$400
2017	\$0.1169	3,150	10.00%	\$405
2018	\$0.1182	3,150	10.00%	\$410
2019	\$0.1196	3,150	10.00%	\$414
2020	\$0.1209	3,150	10.00%	\$419
2021	\$0.1223	3,150	10.00%	\$424
2022	\$0.1236	3,150	10.00%	\$428
2023	\$0.1250	3,150	10.00%	\$433
2024	\$0.1263	3,150	10.00%	\$438
2025	\$0.1277	3,150	10.00%	\$442

Gas Supply Cost - Table 2				
Year	Cost Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.6136	178	10.00%	\$120
2007	\$0.6283	178	10.00%	\$123
2008	\$0.6434	178	10.00%	\$126
2009	\$0.6588	178	10.00%	\$129
2010	\$0.6746	178	10.00%	\$132
2011	\$0.6908	178	10.00%	\$135
2012	\$0.7074	178	10.00%	\$139
2013	\$0.7244	178	10.00%	\$142
2014	\$0.7418	178	10.00%	\$145
2015	\$0.7596	178	10.00%	\$149
2016	\$0.7778	178	10.00%	\$152
2017	\$0.7965	178	10.00%	\$156
2018	\$0.8156	178	10.00%	\$160
2019	\$0.8351	178	10.00%	\$164
2020	\$0.8552	178	10.00%	\$167
2021	\$0.8757	178	10.00%	\$171
2022	\$0.8967	178	10.00%	\$176
2023	\$0.9183	178	10.00%	\$180
2024	\$0.9403	178	10.00%	\$184
2025	\$0.9629	178	10.00%	\$189

Gas Energy Charge - Table 3				
Year	Rate Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.4530	178	10.00%	\$89
2007	\$0.4530	178	10.00%	\$89
2008	\$0.4530	178	10.00%	\$89
2009	\$0.4530	178	10.00%	\$89
2010	\$0.4530	178	10.00%	\$89
2011	\$0.4530	178	10.00%	\$89
2012	\$0.4530	178	10.00%	\$89
2013	\$0.4530	178	10.00%	\$89
2014	\$0.4530	178	10.00%	\$89
2015	\$0.4530	178	10.00%	\$89
2016	\$0.4530	178	10.00%	\$89
2017	\$0.4530	178	10.00%	\$89
2018	\$0.4530	178	10.00%	\$89
2019	\$0.4530	178	10.00%	\$89
2020	\$0.4530	178	10.00%	\$89
2021	\$0.4530	178	10.00%	\$89
2022	\$0.4530	178	10.00%	\$89
2023	\$0.4530	178	10.00%	\$89
2024	\$0.4530	178	10.00%	\$89
2025	\$0.4530	178	10.00%	\$89

Gas Customer Charge - Table 4							
Year	Monthly Customer Charge	Annual Customer Charge	Appliance Annual Therms	Total Annual Therms	Ratio - Appliance to Total	Tax Rate	Pro-Rated Customer Charge
A	B	C	D	E	D/E	G	C*(D/E)*(1+Z)
2006	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2007	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2008	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2009	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2010	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2011	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2012	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2013	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2014	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2015	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2016	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2017	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2018	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2019	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2020	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2021	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2022	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2023	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2024	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2025	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
RIM Test - Results

Appliance Type

Heating System

	Incremental Revenue Energy Charge	Incremental Revenue Cost of Gas	Incremental Revenue Cust. Charge	Total Gas Revenue	Gas Supply Cost	Investment Carrying Costs	Incremental Customer Costs	Program Cost	Total Costs
	Table 1	Table 1A	Table 2		Table 5	Table 3	Table 4		
1	2	3	4	2 thru 4	6	7	8	9	6 thru 9
2006	\$81	\$109	\$43	\$233	\$109	\$16	\$9	\$625.00	\$759
2007	\$81	\$112	\$43	\$236	\$112	\$15	\$10	\$0.00	\$137
2008	\$81	\$115	\$43	\$239	\$115	\$15	\$10	\$0.00	\$139
2009	\$81	\$117	\$43	\$241	\$117	\$14	\$10	\$0.00	\$141
2010	\$81	\$120	\$43	\$244	\$120	\$14	\$10	\$0.00	\$144
2011	\$81	\$123	\$43	\$247	\$123	\$13	\$11	\$0.00	\$147
2012	\$81	\$126	\$43	\$250	\$126	\$13	\$11	\$0.00	\$149
2013	\$81	\$129	\$43	\$253	\$129	\$12	\$11	\$0.00	\$152
2014	\$81	\$132	\$43	\$256	\$132	\$12	\$11	\$0.00	\$155
2015	\$81	\$135	\$43	\$259	\$135	\$11	\$12	\$0.00	\$158
2016	\$81	\$138	\$43	\$262	\$138	\$11	\$12	\$0.00	\$162
2017	\$81	\$142	\$43	\$266	\$142	\$11	\$12	\$0.00	\$165
2018	\$81	\$145	\$43	\$269	\$145	\$10	\$12	\$0.00	\$168
2019	\$81	\$149	\$43	\$273	\$149	\$10	\$13	\$0.00	\$172
2020	\$81	\$152	\$43	\$276	\$152	\$10	\$13	\$625.00	\$800
2021	\$81	\$156	\$43	\$280	\$156	\$9	\$13	\$0.00	\$178
2022	\$81	\$160	\$43	\$284	\$160	\$9	\$14	\$0.00	\$182
2023	\$81	\$163	\$43	\$287	\$163	\$9	\$14	\$0.00	\$186
2024	\$81	\$167	\$43	\$291	\$167	\$8	\$15	\$0.00	\$190
2025	\$81	\$171	\$43	\$295	\$171	\$8	\$15	\$0.00	\$194

Present Value
of Benefits

\$2,496

Present Value
of Costs

\$2,286

Benefit/Cost
Ratio

1.09

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
RIM Test - Calculated Data

Appliance Type
Heating System

Fuel Rate Escalator	2.4%	Depreciation Rate - Supply Main	3.30%
Gas Energy Charge Escalator	0%	Depreciation Rate - Development Main	3.30%
Gas Customer Charge Escalator	0%	Depreciation Rate - Service Line	3.50%
O&M Inflation Escalator	2.4%	Depreciation Rate - Meter	4.10%

Table 1

Revenue - Energy Charge			
1	2	3	2*3
Year	Therms	Base Rate	Total Charge
2006	178	\$0.4530	\$81
2007	178	\$0.4530	\$81
2008	178	\$0.4530	\$81
2009	178	\$0.4530	\$81
2010	178	\$0.4530	\$81
2011	178	\$0.4530	\$81
2012	178	\$0.4530	\$81
2013	178	\$0.4530	\$81
2014	178	\$0.4530	\$81
2015	178	\$0.4530	\$81
2016	178	\$0.4530	\$81
2017	178	\$0.4530	\$81
2018	178	\$0.4530	\$81
2019	178	\$0.4530	\$81
2020	178	\$0.4530	\$81
2021	178	\$0.4530	\$81
2022	178	\$0.4530	\$81
2023	178	\$0.4530	\$81
2024	178	\$0.4530	\$81
2025	178	\$0.4530	\$81

Table 1a

Revenue - Cost of Gas			
1	2	4	2*3
Year	Therms	Fuel Rate	Total Charge
2006	178	\$0.6136	\$109
2007	178	\$0.6283	\$112
2008	178	\$0.6434	\$115
2009	178	\$0.6588	\$117
2010	178	\$0.6746	\$120
2011	178	\$0.6908	\$123
2012	178	\$0.7074	\$126
2013	178	\$0.7244	\$129
2014	178	\$0.7418	\$132
2015	178	\$0.7596	\$135
2016	178	\$0.7778	\$138
2017	178	\$0.7965	\$142
2018	178	\$0.8156	\$145
2019	178	\$0.8351	\$149
2020	178	\$0.8552	\$152
2021	178	\$0.8757	\$156
2022	178	\$0.8967	\$160
2023	178	\$0.9183	\$163
2024	178	\$0.9403	\$167
2025	178	\$0.9629	\$171

Table 2

Revenue - Customer Charge				
1	2	3	4	4*3
Year	Monthly Customer Charge	Annual Customer Charge	Ratio Therms To Total Consumed	Prorated Annual Customer Charge
2006	\$9.00	\$108.00	40.18%	\$43
2007	\$9.00	\$108.00	40.18%	\$43
2008	\$9.00	\$108.00	40.18%	\$43
2009	\$9.00	\$108.00	40.18%	\$43
2010	\$9.00	\$108.00	40.18%	\$43
2011	\$9.00	\$108.00	40.18%	\$43
2012	\$9.00	\$108.00	40.18%	\$43
2013	\$9.00	\$108.00	40.18%	\$43
2014	\$9.00	\$108.00	40.18%	\$43
2015	\$9.00	\$108.00	40.18%	\$43
2016	\$9.00	\$108.00	40.18%	\$43
2017	\$9.00	\$108.00	40.18%	\$43
2018	\$9.00	\$108.00	40.18%	\$43
2019	\$9.00	\$108.00	40.18%	\$43
2020	\$9.00	\$108.00	40.18%	\$43
2021	\$9.00	\$108.00	40.18%	\$43
2022	\$9.00	\$108.00	40.18%	\$43
2023	\$9.00	\$108.00	40.18%	\$43
2024	\$9.00	\$108.00	40.18%	\$43
2025	\$9.00	\$108.00	40.18%	\$43

Table 3

Investment Carrying Costs							
1	2	3	4	5	6	7	6*7*8
Year	Supply Main	Development Main	Service Line	Meter	Total Investment	Cost of Debt	Investment Carrying Cost
2006	\$50	\$280	\$234	\$93	\$657	5.96%	\$16
2007	\$48	\$271	\$226	\$89	\$634	5.96%	\$15
2008	\$46	\$262	\$218	\$85	\$611	5.96%	\$15
2009	\$44	\$253	\$210	\$82	\$589	5.96%	\$14
2010	\$43	\$245	\$203	\$79	\$570	5.96%	\$14
2011	\$42	\$237	\$196	\$76	\$551	5.96%	\$13
2012	\$41	\$229	\$189	\$73	\$532	5.96%	\$13
2013	\$40	\$221	\$182	\$70	\$513	5.96%	\$12
2014	\$39	\$214	\$176	\$67	\$496	5.96%	\$12
2015	\$38	\$207	\$170	\$64	\$479	5.96%	\$11
2016	\$37	\$200	\$164	\$61	\$462	5.96%	\$11
2017	\$36	\$193	\$158	\$58	\$445	5.96%	\$11
2018	\$35	\$187	\$152	\$56	\$430	5.96%	\$10
2019	\$34	\$181	\$147	\$54	\$416	5.96%	\$10
2020	\$33	\$175	\$142	\$52	\$402	5.96%	\$10
2021	\$32	\$169	\$137	\$50	\$388	5.96%	\$9
2022	\$31	\$163	\$132	\$48	\$374	5.96%	\$9
2023	\$30	\$158	\$127	\$46	\$361	5.96%	\$9
2024	\$29	\$153	\$123	\$44	\$349	5.96%	\$8
2025	\$28	\$148	\$119	\$42	\$337	5.96%	\$8

Table 4

Incremental Customer Costs									
1	2	3	4	5=3*4	6	7	8=6*7	9=8	10=9
Year	Monthly Adm. Cost	Annual Adm. Cost	Ratio Therms To Total Consumed	Annual Ratio	Annual O&M Cost	Ratio Therms To Total Consumed	Annual Ratio	Total Incremental Adm. & O&M Cost	
2006	\$1.02	\$12	40.18%	\$4.82	\$11.16	40.18%	\$4	\$9	
2007	\$1.04	\$13	40.18%	\$5.22	\$11.43	40.18%	\$5	\$10	
2008	\$1.07	\$13	40.18%	\$5.22	\$11.70	40.18%	\$5	\$10	
2009	\$1.10	\$13	40.18%	\$5.22	\$11.98	40.18%	\$5	\$10	
2010	\$1.12	\$13	40.18%	\$5.22	\$12.27	40.18%	\$5	\$11	
2011	\$1.15	\$14	40.18%	\$5.63	\$12.57	40.18%	\$5	\$11	
2012	\$1.18	\$14	40.18%	\$5.63	\$12.87	40.18%	\$5	\$11	
2013	\$1.20	\$14	40.18%	\$5.63	\$13.18	40.18%	\$5	\$11	
2014	\$1.23	\$15	40.18%	\$6.03	\$13.49	40.18%	\$6	\$12	
2015	\$1.26	\$15	40.18%	\$6.03	\$13.82	40.18%	\$6	\$12	
2016	\$1.29	\$16	40.18%	\$6.43	\$14.15	40.18%	\$6	\$12	
2017	\$1.32	\$16	40.18%	\$6.43	\$14.49	40.18%	\$6	\$12	
2018	\$1.36	\$16	40.18%	\$6.83	\$14.83	40.18%	\$6	\$12	
2019	\$1.39	\$17	40.18%	\$6.83	\$15.19	40.18%	\$6	\$13	
2020	\$1.42	\$17	40.18%	\$6.83	\$15.55	40.18%	\$6	\$13	
2021	\$1.46	\$17	40.18%	\$6.83	\$15.93	40.18%	\$6	\$13	
2022	\$1.49	\$18	40.18%	\$7.23	\$16.31	40.18%	\$7	\$14	
2023	\$1.53	\$18	40.18%	\$7.23	\$16.70	40.18%	\$7	\$14	
2024	\$1.56	\$19	40.18%	\$7.63	\$17.10	40.18%	\$7	\$15	
2025	\$1.60	\$19	40.18%	\$7.63	\$17.51	40.18%	\$7	\$15	

Table 5

Gas Costs			
1	2	3	2*3
Year	Therms	Gas Supply Rate	Gas Supply Cost
2006	178	\$0.6136	\$109
2007	178	\$0.6283	\$112
2008	178	\$0.6434	\$115
2009	178	\$0.6588	\$117
2010	178	\$0.6746	\$120
2011	178	\$0.6908	\$123
2012	178	\$0.7074	\$126
2013	178	\$0.7244	\$129
2014	178	\$0.7418	\$132
2015	178	\$0.7596	\$135
2016	178	\$0.7778	\$138
2017	178	\$0.7965	\$142
2018	178	\$0.8156	\$145
2019	178	\$0.8351	\$149
2020	178	\$0.8552	\$152
2021	178	\$0.8757	\$156
2022	178	\$0.8967	\$160
2023	178	\$0.9183	\$163
2024	178	\$0.9403	\$167
2025	178	\$0.9629	\$171

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Residential Appliance Replacement Program
RIM Test and Participants Test Results**

For

Clothes Drying Appliances

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
Participants Test - Cost Effective Results

Appliance Type
Clothes Drying

Year	Year Number	Benefits				Costs							
		Avoided Electric KWH Cost	Gas Rebate	Avoided Electric Appliance O&M	TOTAL BENEFITS	Gas Equipment Cost	Electric Equipment & Installation Cost	Gas Installation Cost	Gas Appliance O & M	Gas Supply Cost	Gas Energy Charge	Gas Customer Charge	TOTAL COSTS
		Table 1				Table 2				Table 3	Table 4		
1	2	3	4	5	3 thru 6	7	8	9	10	11	12	13	7 thru 13
2005	1	\$164	\$100	\$36	\$300	\$379	(\$454)	\$350	\$36	\$34	\$25	\$13	\$383
2006	2	\$167	0	\$37	\$203	0	0	0	\$37	\$35	\$25	\$13	\$110
2007	3	\$169	0	\$38	\$207	0	0	0	\$38	\$35	\$25	\$13	\$111
2008	4	\$171	0	\$39	\$210	0	0	0	\$39	\$36	\$25	\$13	\$113
2009	5	\$173	0	\$40	\$213	0	0	0	\$40	\$37	\$25	\$13	\$115
2010	6	\$175	0	\$41	\$216	0	0	0	\$41	\$38	\$25	\$13	\$117
2011	7	\$177	0	\$42	\$219	0	0	0	\$42	\$39	\$25	\$13	\$119
2012	8	\$180	0	\$43	\$222	0	0	0	\$43	\$40	\$25	\$13	\$121
2013	9	\$182	0	\$44	\$225	0	0	0	\$44	\$41	\$25	\$13	\$123
2014	10	\$184	0	\$45	\$229	0	0	0	\$45	\$42	\$25	\$13	\$125
2015	11	\$186	0	\$46	\$232	0	0	0	\$46	\$43	\$25	\$13	\$127
2016	12	\$188	0	\$47	\$235	0	0	0	\$47	\$44	\$25	\$13	\$129
2017	13	\$191	100	\$48	\$338	516	(618)	204	\$48	\$45	\$25	\$13	\$233
2018	14	\$193	0	\$49	\$242	0	0	0	\$49	\$46	\$25	\$13	\$133
2019	15	\$195	0	\$50	\$245	0	0	0	\$50	\$47	\$25	\$13	\$136
2020	16	\$197	0	\$51	\$248	0	0	0	\$51	\$48	\$25	\$13	\$138
2021	17	\$199	0	\$53	\$252	0	0	0	\$53	\$49	\$25	\$13	\$140
2022	18	\$201	0	\$54	\$255	0	0	0	\$54	\$51	\$25	\$13	\$143
2023	19	\$204	0	\$55	\$259	0	0	0	\$55	\$52	\$25	\$13	\$146
2024	20	\$206	0	\$56	\$262	0	0	0	\$56	\$53	\$25	\$13	\$148

Present Value
of Benefits **\$2,315**

Present Value
of Costs **\$1,484**

Benefit/Cost Ratio	1.56
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**St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
Participants Test - Data**

Appliance Type
Clothes Drying

<u>Escalation Rates</u>		Elec Base Rates	0.0%
O&M Expense	2.4%	Fuel Rate	2.4%
Electric Fuel Adj.	2.4%	Gas Base Rates	0.0%

Electric KWH Cost - Table 1				
Year	Cost Per KWH	Annual KWH	Tax Rate	Electric Cost
A	B	C	D	B*C*(1+D)
2006	\$0.1020	1,465	10.00%	\$164
2007	\$0.1034	1,465	10.00%	\$167
2008	\$0.1047	1,465	10.00%	\$169
2009	\$0.1061	1,465	10.00%	\$171
2010	\$0.1074	1,465	10.00%	\$173
2011	\$0.1088	1,465	10.00%	\$175
2012	\$0.1101	1,465	10.00%	\$177
2013	\$0.1115	1,465	10.00%	\$180
2014	\$0.1128	1,465	10.00%	\$182
2015	\$0.1142	1,465	10.00%	\$184
2016	\$0.1155	1,465	10.00%	\$186
2017	\$0.1169	1,465	10.00%	\$188
2018	\$0.1182	1,465	10.00%	\$191
2019	\$0.1196	1,465	10.00%	\$193
2020	\$0.1209	1,465	10.00%	\$195
2021	\$0.1223	1,465	10.00%	\$197
2022	\$0.1236	1,465	10.00%	\$199
2023	\$0.1250	1,465	10.00%	\$201
2024	\$0.1263	1,465	10.00%	\$204
2025	\$0.1277	1,465	10.00%	\$206

Gas Supply Cost - Table 2				
Year	Cost Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.6136	50	10.00%	\$34
2007	\$0.6283	50	10.00%	\$35
2008	\$0.6434	50	10.00%	\$35
2009	\$0.6588	50	10.00%	\$36
2010	\$0.6746	50	10.00%	\$37
2011	\$0.6908	50	10.00%	\$38
2012	\$0.7074	50	10.00%	\$39
2013	\$0.7244	50	10.00%	\$40
2014	\$0.7418	50	10.00%	\$41
2015	\$0.7596	50	10.00%	\$42
2016	\$0.7778	50	10.00%	\$43
2017	\$0.7965	50	10.00%	\$44
2018	\$0.8156	50	10.00%	\$45
2019	\$0.8351	50	10.00%	\$46
2020	\$0.8552	50	10.00%	\$47
2021	\$0.8757	50	10.00%	\$48
2022	\$0.8967	50	10.00%	\$49
2023	\$0.9183	50	10.00%	\$51
2024	\$0.9403	50	10.00%	\$52
2025	\$0.9629	50	10.00%	\$53

Gas Energy Charge - Table 3				
Year	Rate Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.4530	50	10.00%	\$25
2007	\$0.4530	50	10.00%	\$25
2008	\$0.4530	50	10.00%	\$25
2009	\$0.4530	50	10.00%	\$25
2010	\$0.4530	50	10.00%	\$25
2011	\$0.4530	50	10.00%	\$25
2012	\$0.4530	50	10.00%	\$25
2013	\$0.4530	50	10.00%	\$25
2014	\$0.4530	50	10.00%	\$25
2015	\$0.4530	50	10.00%	\$25
2016	\$0.4530	50	10.00%	\$25
2017	\$0.4530	50	10.00%	\$25
2018	\$0.4530	50	10.00%	\$25
2019	\$0.4530	50	10.00%	\$25
2020	\$0.4530	50	10.00%	\$25
2021	\$0.4530	50	10.00%	\$25
2022	\$0.4530	50	10.00%	\$25
2023	\$0.4530	50	10.00%	\$25
2024	\$0.4530	50	10.00%	\$25
2025	\$0.4530	50	10.00%	\$25

Gas Customer Charge - Table 4							
Year	Monthly Customer Charge	Annual Customer Charge	Appliance Annual Therms	Total Annual Therms	Ratio - Appliance to Total	Tax Rate	Pro-Rated Customer Charge
A	B	C	D	E	D/E	G	C*(D/E)*(1+Z)
2006	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2007	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2008	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2009	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2010	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2011	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2012	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2013	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2014	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2015	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2016	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2017	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2018	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2019	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2020	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2021	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2022	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2023	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2024	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2025	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
RIM Test - Results

Appliance Type

Clothes Drying

	Incremental Revenue Energy Charge	Incremental Revenue Cost of Gas	Incremental Revenue Cust. Charge	Total Gas Revenue	Gas Supply Cost	Investment Carrying Costs	Incremental Customer Costs	Program Cost	Total Costs
	Table 1	Table 1A	Table 2		Table 5	Table 3	Table 4		
1	2	3	4	2 thru 4	6	7	8	9	6 thru 9
2006	\$23	\$31	\$12	\$66	\$31	\$4	\$3	\$100.00	\$138
2007	\$23	\$31	\$12	\$66	\$31	\$4	\$3	\$0.00	\$38
2008	\$23	\$32	\$12	\$67	\$32	\$4	\$3	\$0.00	\$39
2009	\$23	\$33	\$12	\$68	\$33	\$4	\$3	\$0.00	\$40
2010	\$23	\$34	\$12	\$69	\$34	\$4	\$3	\$0.00	\$40
2011	\$23	\$35	\$12	\$69	\$35	\$4	\$3	\$0.00	\$41
2012	\$23	\$35	\$12	\$70	\$35	\$4	\$3	\$0.00	\$42
2013	\$23	\$36	\$12	\$71	\$36	\$3	\$3	\$0.00	\$43
2014	\$23	\$37	\$12	\$72	\$37	\$3	\$3	\$0.00	\$44
2015	\$23	\$38	\$12	\$73	\$38	\$3	\$3	\$0.00	\$44
2016	\$23	\$39	\$12	\$74	\$39	\$3	\$3	\$0.00	\$45
2017	\$23	\$40	\$12	\$75	\$40	\$3	\$3	\$0.00	\$46
2018	\$23	\$41	\$12	\$76	\$41	\$3	\$3	\$100.00	\$147
2019	\$23	\$42	\$12	\$77	\$42	\$3	\$4	\$0.00	\$48
2020	\$23	\$43	\$12	\$78	\$43	\$3	\$4	\$0.00	\$49
2021	\$23	\$44	\$12	\$79	\$44	\$3	\$4	\$0.00	\$50
2022	\$23	\$45	\$12	\$80	\$45	\$3	\$4	\$0.00	\$51
2023	\$23	\$46	\$12	\$81	\$46	\$2	\$4	\$0.00	\$52
2024	\$23	\$47	\$12	\$82	\$47	\$2	\$4	\$0.00	\$53
2025	\$23	\$48	\$12	\$83	\$48	\$2	\$4	\$0.00	\$55

Present Value
of Benefits

\$701

Present Value
of Costs

\$554

Benefit/Cost
Ratio

1.27

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
RIM Test - Calculated Data

Appliance Type
Clothes Drying

Fuel Rate Escalator	2.4%	Depreciation Rate - Supply Main	3.30%
Gas Energy Charge Escalator	0%	Depreciation Rate - Development Main	3.30%
Gas Customer Charge Escalator	0%	Depreciation Rate - Service Line	3.50%
O&M/Inflation Escalator	2.4%	Depreciation Rate - Meter	4.10%

Table 1

Revenue - Energy Charge				
1	2	3	4	5
Year	Therms	Base Rate	Total Charge	
2006	50	\$0.4530	\$23	
2007	50	\$0.4530	\$23	
2008	50	\$0.4530	\$23	
2009	50	\$0.4530	\$23	
2010	50	\$0.4530	\$23	
2011	50	\$0.4530	\$23	
2012	50	\$0.4530	\$23	
2013	50	\$0.4530	\$23	
2014	50	\$0.4530	\$23	
2015	50	\$0.4530	\$23	
2016	50	\$0.4530	\$23	
2017	50	\$0.4530	\$23	
2018	50	\$0.4530	\$23	
2019	50	\$0.4530	\$23	
2020	50	\$0.4530	\$23	
2021	50	\$0.4530	\$23	
2022	50	\$0.4530	\$23	
2023	50	\$0.4530	\$23	
2024	50	\$0.4530	\$23	
2025	50	\$0.4530	\$23	

Table 1a

Revenue - Cost of Gas				
1	2	4	5	
Year	Therms	Fuel Rate	Total Charge	
2006	50	\$0.6136	\$31	
2007	50	\$0.6283	\$31	
2008	50	\$0.6434	\$32	
2009	50	\$0.6588	\$33	
2010	50	\$0.6746	\$34	
2011	50	\$0.6908	\$35	
2012	50	\$0.7074	\$36	
2013	50	\$0.7244	\$36	
2014	50	\$0.7418	\$37	
2015	50	\$0.7598	\$38	
2016	50	\$0.7778	\$39	
2017	50	\$0.7965	\$40	
2018	50	\$0.8156	\$41	
2019	50	\$0.8351	\$42	
2020	50	\$0.8552	\$43	
2021	50	\$0.8757	\$44	
2022	50	\$0.8967	\$45	
2023	50	\$0.9183	\$46	
2024	50	\$0.9403	\$47	
2025	50	\$0.9629	\$48	

Table 2

Revenue - Customer Charge				
1	2	3	4	5
Year	Monthly Customer Charge	Annual Customer Charge	Ratio Therms To Total Consumed	Prorated Annual Customer Charge
2006	\$9.00	\$108.00	11.29%	\$12
2007	\$9.00	\$108.00	11.29%	\$12
2008	\$9.00	\$108.00	11.29%	\$12
2009	\$9.00	\$108.00	11.29%	\$12
2010	\$9.00	\$108.00	11.29%	\$12
2011	\$9.00	\$108.00	11.29%	\$12
2012	\$9.00	\$108.00	11.29%	\$12
2013	\$9.00	\$108.00	11.29%	\$12
2014	\$9.00	\$108.00	11.29%	\$12
2015	\$9.00	\$108.00	11.29%	\$12
2016	\$9.00	\$108.00	11.29%	\$12
2017	\$9.00	\$108.00	11.29%	\$12
2018	\$9.00	\$108.00	11.29%	\$12
2019	\$9.00	\$108.00	11.29%	\$12
2020	\$9.00	\$108.00	11.29%	\$12
2021	\$9.00	\$108.00	11.29%	\$12
2022	\$9.00	\$108.00	11.29%	\$12
2023	\$9.00	\$108.00	11.29%	\$12
2024	\$9.00	\$108.00	11.29%	\$12
2025	\$9.00	\$108.00	11.29%	\$12

Table 3

Investment Carrying Costs								
1	2	3	4	5	6	7	8	9
Year	Supply Main	Development Main	Service Line	Meter	Total Investment	Cost of Debt	Ratio of Therms Consumed To Total	Investment Carrying Cost
2006	\$50	\$280	\$234	\$93	\$657	5.96%	11.29%	\$4
2007	\$48	\$271	\$228	\$89	\$634	5.96%	11.29%	\$4
2008	\$46	\$262	\$218	\$85	\$611	5.96%	11.29%	\$4
2009	\$44	\$253	\$210	\$82	\$589	5.96%	11.29%	\$4
2010	\$43	\$245	\$203	\$79	\$570	5.96%	11.29%	\$4
2011	\$42	\$237	\$196	\$76	\$551	5.96%	11.29%	\$4
2012	\$41	\$229	\$189	\$73	\$532	5.96%	11.29%	\$4
2013	\$40	\$221	\$182	\$70	\$513	5.96%	11.29%	\$3
2014	\$39	\$214	\$176	\$67	\$496	5.96%	11.29%	\$3
2015	\$38	\$207	\$170	\$64	\$479	5.96%	11.29%	\$3
2016	\$37	\$200	\$164	\$61	\$462	5.96%	11.29%	\$3
2017	\$36	\$193	\$158	\$58	\$445	5.96%	11.29%	\$3
2018	\$35	\$187	\$152	\$56	\$430	5.96%	11.29%	\$3
2019	\$34	\$181	\$147	\$54	\$416	5.96%	11.29%	\$3
2020	\$33	\$175	\$142	\$52	\$402	5.96%	11.29%	\$3
2021	\$32	\$169	\$137	\$50	\$388	5.96%	11.29%	\$3
2022	\$31	\$163	\$132	\$48	\$374	5.96%	11.29%	\$3
2023	\$30	\$158	\$127	\$46	\$361	5.96%	11.29%	\$2
2024	\$29	\$153	\$123	\$44	\$349	5.96%	11.29%	\$2
2025	\$28	\$148	\$119	\$42	\$337	5.96%	11.29%	\$2

Table 4

Incremental Customer Costs								
1	2	3	4	5=3*4	6	7	8=6*7	9=8
Year	Monthly Adm. Cost	Annual Adm. Cost	Ratio Therms To Total Consumed	Annual Ratio Adm. Cost	Annual O&M Cost	Ratio Therms To Total Consumed	Annual Ratio O&M Cost	Total Incremental Adm. & O&M Cost
2006	\$1.02	\$12	11.29%	\$1.35	\$11.16	11.29%	\$1	\$3
2007	\$1.04	\$13	11.29%	\$1.47	\$11.43	11.29%	\$1	\$3
2008	\$1.07	\$13	11.29%	\$1.47	\$11.70	11.29%	\$1	\$3
2009	\$1.10	\$13	11.29%	\$1.47	\$11.98	11.29%	\$1	\$3
2010	\$1.12	\$13	11.29%	\$1.47	\$12.27	11.29%	\$1	\$3
2011	\$1.15	\$14	11.29%	\$1.58	\$12.57	11.29%	\$1	\$3
2012	\$1.18	\$14	11.29%	\$1.58	\$12.87	11.29%	\$1	\$3
2013	\$1.20	\$14	11.29%	\$1.58	\$13.18	11.29%	\$1	\$3
2014	\$1.23	\$15	11.29%	\$1.69	\$13.49	11.29%	\$2	\$3
2015	\$1.26	\$15	11.29%	\$1.69	\$13.82	11.29%	\$2	\$3
2016	\$1.29	\$16	11.29%	\$1.81	\$14.15	11.29%	\$2	\$3
2017	\$1.32	\$16	11.29%	\$1.81	\$14.49	11.29%	\$2	\$3
2018	\$1.36	\$16	11.29%	\$1.81	\$14.83	11.29%	\$2	\$3
2019	\$1.39	\$17	11.29%	\$1.92	\$15.19	11.29%	\$2	\$4
2020	\$1.42	\$17	11.29%	\$1.92	\$15.55	11.29%	\$2	\$4
2021	\$1.46	\$17	11.29%	\$1.92	\$15.93	11.29%	\$2	\$4
2022	\$1.49	\$18	11.29%	\$2.03	\$16.31	11.29%	\$2	\$4
2023	\$1.53	\$18	11.29%	\$2.03	\$16.70	11.29%	\$2	\$4
2024	\$1.56	\$19	11.29%	\$2.14	\$17.10	11.29%	\$2	\$4
2025	\$1.60	\$19	11.29%	\$2.14	\$17.51	11.29%	\$2	\$4

Table 5

Gas Costs			
1	2	3	4
Year	Therms	Gas Supply Rate	Gas Supply Cost
2006	50	\$0.6136	\$31
2007	50	\$0.6283	\$31
2008	50	\$0.6434	\$32
2009	50	\$0.6588	\$33
2010	50	\$0.6746	\$34
2011	50	\$0.6908	\$35
2012	50	\$0.7074	\$36
2013	50	\$0.7244	\$36
2014	50	\$0.7418	\$37
2015	50	\$0.7598	\$38
2016	50	\$0.7778	\$39
2017	50	\$0.7965	\$40
2018	50	\$0.8156	\$41
2019	50	\$0.8351	\$42
2020	50	\$0.8552	\$43
2021	50	\$0.8757	\$44
2022	50	\$0.8967	\$45
2023	50	\$0.9183	\$46
2024	50	\$0.9403	\$47
2025	50	\$0.9629	\$48

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Residential Appliance Replacement Program
RIM Test and Participants Test Results**

For

Cooking Appliances

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
Participants Test - Cost Effective Results

Appliance Type

Cooking

Year	Year Number	Benefits				Costs							
		Avoided Electric KWH Cost	Gas Rebate	Avoided Electric Appliance O&M	TOTAL BENEFITS	Gas Equipment Cost	Electric Equipment & Installation Cost	Gas Installation Cost	Gas Appliance O & M	Gas Supply Cost	Gas Energy Charge	Gas Customer Charge	TOTAL COSTS
		Table 1								Table 2	Table 3	Table 4	
1	2	3	4	5	3 thru 6	7	8	9	10	11	12	13	7 thru 13
2006	1	\$147	\$100	\$36	\$283	\$449	(\$574)	\$400	\$36	\$30	\$22	\$12	\$376
2007	2	\$149	0	\$37	\$186	0	0	0	\$37	\$31	\$22	\$12	\$102
2008	3	\$151	0	\$38	\$189	0	0	0	\$38	\$32	\$22	\$12	\$104
2009	4	\$153	0	\$39	\$191	0	0	0	\$39	\$33	\$22	\$12	\$106
2010	5	\$155	0	\$40	\$194	0	0	0	\$40	\$33	\$22	\$12	\$107
2011	6	\$157	0	\$41	\$197	0	0	0	\$41	\$34	\$22	\$12	\$109
2012	7	\$159	0	\$42	\$200	0	0	0	\$42	\$35	\$22	\$12	\$111
2013	8	\$161	0	\$43	\$203	0	0	0	\$43	\$36	\$22	\$12	\$113
2014	9	\$163	0	\$44	\$206	0	0	0	\$44	\$37	\$22	\$12	\$115
2015	10	\$165	0	\$45	\$209	0	0	0	\$45	\$38	\$22	\$12	\$117
2016	11	\$166	0	\$46	\$212	0	0	0	\$46	\$39	\$22	\$12	\$119
2017	12	\$168	0	\$47	\$215	0	0	0	\$47	\$39	\$22	\$12	\$121
2018	13	\$170	0	\$48	\$218	0	0	0	\$48	\$40	\$22	\$12	\$123
2019	14	\$172	100	\$49	\$321	626	(800)	279	\$49	\$41	\$22	\$12	\$229
2020	15	\$174	0	\$50	\$224	0	0	0	\$50	\$42	\$22	\$12	\$127
2021	16	\$176	0	\$51	\$228	0	0	0	\$51	\$43	\$22	\$12	\$129
2022	17	\$178	0	\$53	\$231	0	0	0	\$53	\$44	\$22	\$12	\$131
2023	18	\$180	0	\$54	\$234	0	0	0	\$54	\$45	\$22	\$12	\$134
2024	19	\$182	0	\$55	\$237	0	0	0	\$55	\$47	\$22	\$12	\$136
2025	20	\$184	0	\$56	\$240	0	0	0	\$56	\$48	\$22	\$12	\$139

Present Value
of Benefits **\$2,126**

Present Value
of Costs **\$1,405**

Benefit/Cost
Ratio **1.51**

**St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
Participants Test - Data**

Appliance Type
Cooking

Escalation Rates		Elec Base Rates	0.0%
O&M Expense	2.4%	Fuel Rate	2.4%
Electric Fuel Adj.	2.4%	Gas Base Rates	0.0%

Electric KWH Cost - Table 1				
Year	Cost Per KWH	Annual KWH	Tax Rate	Electric Cost
A	B	C	D	B*C*(1+D)
2006	\$0.1020	1,310	10.00%	\$147
2007	\$0.1034	1,310	10.00%	\$149
2008	\$0.1047	1,310	10.00%	\$151
2009	\$0.1061	1,310	10.00%	\$153
2010	\$0.1074	1,310	10.00%	\$155
2011	\$0.1088	1,310	10.00%	\$157
2012	\$0.1101	1,310	10.00%	\$159
2013	\$0.1115	1,310	10.00%	\$161
2014	\$0.1128	1,310	10.00%	\$163
2015	\$0.1142	1,310	10.00%	\$165
2016	\$0.1155	1,310	10.00%	\$166
2017	\$0.1169	1,310	10.00%	\$168
2018	\$0.1182	1,310	10.00%	\$170
2019	\$0.1196	1,310	10.00%	\$172
2020	\$0.1209	1,310	10.00%	\$174
2021	\$0.1223	1,310	10.00%	\$176
2022	\$0.1236	1,310	10.00%	\$178
2023	\$0.1250	1,310	10.00%	\$180
2024	\$0.1263	1,310	10.00%	\$182
2025	\$0.1277	1,310	10.00%	\$184

Gas Supply Cost - Table 2				
Year	Cost Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.6136	45	10.00%	\$30
2007	\$0.6283	45	10.00%	\$31
2008	\$0.6434	45	10.00%	\$32
2009	\$0.6588	45	10.00%	\$33
2010	\$0.6746	45	10.00%	\$33
2011	\$0.6908	45	10.00%	\$34
2012	\$0.7074	45	10.00%	\$35
2013	\$0.7244	45	10.00%	\$36
2014	\$0.7418	45	10.00%	\$37
2015	\$0.7596	45	10.00%	\$38
2016	\$0.7778	45	10.00%	\$39
2017	\$0.7965	45	10.00%	\$39
2018	\$0.8156	45	10.00%	\$40
2019	\$0.8351	45	10.00%	\$41
2020	\$0.8552	45	10.00%	\$42
2021	\$0.8757	45	10.00%	\$43
2022	\$0.8967	45	10.00%	\$44
2023	\$0.9183	45	10.00%	\$45
2024	\$0.9403	45	10.00%	\$47
2025	\$0.9629	45	10.00%	\$46

Gas Energy Charge - Table 3				
Year	Rate Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.4530	45	10.00%	\$22
2007	\$0.4530	45	10.00%	\$22
2008	\$0.4530	45	10.00%	\$22
2009	\$0.4530	45	10.00%	\$22
2010	\$0.4530	45	10.00%	\$22
2011	\$0.4530	45	10.00%	\$22
2012	\$0.4530	45	10.00%	\$22
2013	\$0.4530	45	10.00%	\$22
2014	\$0.4530	45	10.00%	\$22
2015	\$0.4530	45	10.00%	\$22
2016	\$0.4530	45	10.00%	\$22
2017	\$0.4530	45	10.00%	\$22
2018	\$0.4530	45	10.00%	\$22
2019	\$0.4530	45	10.00%	\$22
2020	\$0.4530	45	10.00%	\$22
2021	\$0.4530	45	10.00%	\$22
2022	\$0.4530	45	10.00%	\$22
2023	\$0.4530	45	10.00%	\$22
2024	\$0.4530	45	10.00%	\$22
2025	\$0.4530	45	10.00%	\$22

Gas Customer Charge - Table 4							
Year	Monthly Customer Charge	Annual Customer Charge	Appliance Annual Therms	Total Annual Therms	Ratio - Appliance to Total	Tax Rate	Pro-Rated Customer Charge
A	B	C	D	E	D/E	G	C*(D/E)*(1+Z)
2006	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2007	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2008	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2009	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2010	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2011	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2012	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2013	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2014	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2015	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2016	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2017	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2018	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2019	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2020	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2021	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2022	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2023	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2024	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2025	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
RIM Test - Results

Appliance Type

Cooking

	Incremental Revenue Energy Charge	Incremental Revenue Cost of Gas	Incremental Revenue Cust. Charge	Total Gas Revenue	Gas Supply Cost	Investment Carrying Costs	Incremental Customer Costs	Program Cost	Total Costs
	Table 1	Table 1A	Table 2		Table 5	Table 3	Table 4		
1	2	3	4	2 thru 4	6	7	8	9	6 thru 9
2006	\$20	\$28	\$11	\$59	\$28	\$4	\$2	\$100.00	\$134
2007	\$20	\$28	\$11	\$60	\$28	\$4	\$2	\$0.00	\$35
2008	\$20	\$29	\$11	\$60	\$29	\$4	\$3	\$0.00	\$35
2009	\$20	\$30	\$11	\$61	\$30	\$4	\$3	\$0.00	\$36
2010	\$20	\$30	\$11	\$62	\$30	\$3	\$3	\$0.00	\$36
2011	\$20	\$31	\$11	\$62	\$31	\$3	\$3	\$0.00	\$37
2012	\$20	\$32	\$11	\$63	\$32	\$3	\$3	\$0.00	\$38
2013	\$20	\$33	\$11	\$64	\$33	\$3	\$3	\$0.00	\$38
2014	\$20	\$33	\$11	\$65	\$33	\$3	\$3	\$0.00	\$39
2015	\$20	\$34	\$11	\$66	\$34	\$3	\$3	\$0.00	\$40
2016	\$20	\$35	\$11	\$66	\$35	\$3	\$3	\$0.00	\$41
2017	\$20	\$36	\$11	\$67	\$36	\$3	\$3	\$0.00	\$42
2018	\$20	\$37	\$11	\$68	\$37	\$3	\$3	\$0.00	\$42
2019	\$20	\$38	\$11	\$69	\$38	\$3	\$3	\$100.00	\$143
2020	\$20	\$38	\$11	\$70	\$38	\$2	\$3	\$0.00	\$44
2021	\$20	\$39	\$11	\$71	\$39	\$2	\$3	\$0.00	\$45
2022	\$20	\$40	\$11	\$72	\$40	\$2	\$3	\$0.00	\$46
2023	\$20	\$41	\$11	\$73	\$41	\$2	\$4	\$0.00	\$47
2024	\$20	\$42	\$11	\$74	\$42	\$2	\$4	\$0.00	\$48
2025	\$20	\$43	\$11	\$75	\$43	\$2	\$4	\$0.00	\$49

Present Value
of Benefits

\$631

Present Value
of Costs

\$509

Benefit/Cost
Ratio

1.24

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Replacement Program
RIM Test - Calculated Data

Appliance Type
Cooking

Fuel Rate Escalator	2.4%	Depreciation Rate - Supply Main	3.30%
Gas Energy Charge Escalator	0%	Depreciation Rate - Development Main	3.30%
Gas Customer Charge Escalator	0%	Depreciation Rate - Service Line	3.50%
O&M/Inflation Escalator	2.4%	Depreciation Rate - Meter	4.10%

Table 1

Revenue - Energy Charge				
1	2	3	2*3	
Year	Therms	Base Rate	Total Charge	
2006	45	\$0.4530	\$20	
2007	45	\$0.4530	\$20	
2008	45	\$0.4530	\$20	
2009	45	\$0.4530	\$20	
2010	45	\$0.4530	\$20	
2011	45	\$0.4530	\$20	
2012	45	\$0.4530	\$20	
2013	45	\$0.4530	\$20	
2014	45	\$0.4530	\$20	
2015	45	\$0.4530	\$20	
2016	45	\$0.4530	\$20	
2017	45	\$0.4530	\$20	
2018	45	\$0.4530	\$20	
2019	45	\$0.4530	\$20	
2020	45	\$0.4530	\$20	
2021	45	\$0.4530	\$20	
2022	45	\$0.4530	\$20	
2023	45	\$0.4530	\$20	
2024	45	\$0.4530	\$20	
2025	45	\$0.4530	\$20	

Table 1a

Revenue - Cost of Gas				
1	2	4	2*3	
Year	Therms	Fuel Rate	Total Charge	
2006	45	\$0.6136	\$28	
2007	45	\$0.6283	\$28	
2008	45	\$0.6434	\$29	
2009	45	\$0.6588	\$30	
2010	45	\$0.6746	\$30	
2011	45	\$0.6908	\$31	
2012	45	\$0.7074	\$32	
2013	45	\$0.7244	\$33	
2014	45	\$0.7418	\$33	
2015	45	\$0.7596	\$34	
2016	45	\$0.7778	\$35	
2017	45	\$0.7965	\$36	
2018	45	\$0.8156	\$37	
2019	45	\$0.8351	\$38	
2020	45	\$0.8552	\$38	
2021	45	\$0.8757	\$39	
2022	45	\$0.8967	\$40	
2023	45	\$0.9183	\$41	
2024	45	\$0.9403	\$42	
2025	45	\$0.9629	\$43	

Table 2

Revenue - Customer Charge				
1	2	3	4	4*3
Year	Monthly Customer Charge	Annual Customer Charge	Ratio Therms To Total Consumed	Prorated Annual Customer Charge
2006	\$9.00	\$108.00	10.16%	\$11
2007	\$9.00	\$108.00	10.16%	\$11
2008	\$9.00	\$108.00	10.16%	\$11
2009	\$9.00	\$108.00	10.16%	\$11
2010	\$9.00	\$108.00	10.16%	\$11
2011	\$9.00	\$108.00	10.16%	\$11
2012	\$9.00	\$108.00	10.16%	\$11
2013	\$9.00	\$108.00	10.16%	\$11
2014	\$9.00	\$108.00	10.16%	\$11
2015	\$9.00	\$108.00	10.16%	\$11
2016	\$9.00	\$108.00	10.16%	\$11
2017	\$9.00	\$108.00	10.16%	\$11
2018	\$9.00	\$108.00	10.16%	\$11
2019	\$9.00	\$108.00	10.16%	\$11
2020	\$9.00	\$108.00	10.16%	\$11
2021	\$9.00	\$108.00	10.16%	\$11
2022	\$9.00	\$108.00	10.16%	\$11
2023	\$9.00	\$108.00	10.16%	\$11
2024	\$9.00	\$108.00	10.16%	\$11
2025	\$9.00	\$108.00	10.16%	\$11

Table 3

Investment Carrying Costs								
1	2	3	4	5	6	7	8	6*7*8
Year	Supply Main	Development Main	Service Line	Meter	Total Investment	Cost of Debt	Ratio of Therms Consumed To Total	Investment Carrying Cost
2006	\$50	\$280	\$234	\$93	\$657	5.96%	10.16%	\$4
2007	\$48	\$271	\$226	\$89	\$634	5.96%	10.16%	\$4
2008	\$46	\$262	\$218	\$85	\$611	5.96%	10.16%	\$4
2009	\$44	\$253	\$210	\$82	\$589	5.96%	10.16%	\$4
2010	\$43	\$245	\$203	\$79	\$570	5.96%	10.16%	\$3
2011	\$42	\$237	\$196	\$76	\$551	5.96%	10.16%	\$3
2012	\$41	\$229	\$189	\$73	\$532	5.96%	10.16%	\$3
2013	\$40	\$221	\$182	\$70	\$513	5.96%	10.16%	\$3
2014	\$39	\$214	\$176	\$67	\$496	5.96%	10.16%	\$3
2015	\$38	\$207	\$170	\$64	\$479	5.96%	10.16%	\$3
2016	\$37	\$200	\$164	\$61	\$462	5.96%	10.16%	\$3
2017	\$36	\$193	\$158	\$58	\$445	5.96%	10.16%	\$3
2018	\$35	\$187	\$152	\$56	\$430	5.96%	10.16%	\$3
2019	\$34	\$181	\$147	\$54	\$416	5.96%	10.16%	\$3
2020	\$33	\$175	\$142	\$52	\$402	5.96%	10.16%	\$2
2021	\$32	\$169	\$137	\$50	\$388	5.96%	10.16%	\$2
2022	\$31	\$163	\$132	\$48	\$374	5.96%	10.16%	\$2
2023	\$30	\$158	\$127	\$46	\$361	5.96%	10.16%	\$2
2024	\$29	\$153	\$123	\$44	\$349	5.96%	10.16%	\$2
2025	\$28	\$148	\$119	\$42	\$337	5.96%	10.16%	\$2

Table 4

Incremental Customer Costs									
1	2	3	4	5=3*4	6	7	8=6*7	9=8	
Year	Monthly Adm. Cost	Annual Adm. Cost	Ratio Therms To Total Consumed	Annual Ratio	Annual O&M Cost	Ratio Therms To Total Consumed	Annual Ratio	Total Incremental	
2006	\$1.02	\$12	10.16%	\$1.22	\$11.16	10.16%	\$1	\$2	
2007	\$1.04	\$13	10.16%	\$1.32	\$11.43	10.16%	\$1	\$2	
2008	\$1.07	\$13	10.16%	\$1.32	\$11.70	10.16%	\$1	\$3	
2009	\$1.10	\$13	10.16%	\$1.32	\$11.98	10.16%	\$1	\$3	
2010	\$1.12	\$13	10.16%	\$1.32	\$12.27	10.16%	\$1	\$3	
2011	\$1.15	\$14	10.16%	\$1.42	\$12.57	10.16%	\$1	\$3	
2012	\$1.18	\$14	10.16%	\$1.42	\$12.87	10.16%	\$1	\$3	
2013	\$1.20	\$14	10.16%	\$1.42	\$13.18	10.16%	\$1	\$3	
2014	\$1.23	\$15	10.16%	\$1.52	\$13.49	10.16%	\$1	\$3	
2015	\$1.26	\$15	10.16%	\$1.52	\$13.82	10.16%	\$1	\$3	
2016	\$1.29	\$16	10.16%	\$1.63	\$14.15	10.16%	\$1	\$3	
2017	\$1.32	\$16	10.16%	\$1.63	\$14.49	10.16%	\$1	\$3	
2018	\$1.36	\$16	10.16%	\$1.63	\$14.83	10.16%	\$2	\$3	
2019	\$1.39	\$17	10.16%	\$1.73	\$15.19	10.16%	\$2	\$3	
2020	\$1.42	\$17	10.16%	\$1.73	\$15.55	10.16%	\$2	\$3	
2021	\$1.46	\$17	10.16%	\$1.73	\$15.93	10.16%	\$2	\$3	
2022	\$1.49	\$18	10.16%	\$1.83	\$16.31	10.16%	\$2	\$3	
2023	\$1.53	\$18	10.16%	\$1.83	\$16.70	10.16%	\$2	\$4	
2024	\$1.56	\$19	10.16%	\$1.93	\$17.10	10.16%	\$2	\$4	
2025	\$1.60	\$19	10.16%	\$1.93	\$17.51	10.16%	\$2	\$4	

Table 5

Gas Costs				
1	2	3	2*3	
Year	Therms	Gas Supply Rate	Gas Supply Cost	
2006	45	0.6136	\$28	
2007	45	\$0.6283	\$28	
2008	45	\$0.6434	\$29	
2009	45	\$0.6588	\$30	
2010	45	\$0.6746	\$30	
2011	45	\$0.6908	\$31	
2012	45	\$0.7074	\$32	
2013	45	\$0.7244	\$33	
2014	45	\$0.7418	\$33	
2015	45	\$0.7596	\$34	
2016	45	\$0.7778	\$35	
2017	45	\$0.7965	\$36	
2018	45	\$0.8156	\$37	
2019	45	\$0.8351	\$38	
2020	45	\$0.8552	\$38	
2021	45	\$0.8757	\$39	
2022	45	\$0.8967	\$40	
2023	45	\$0.9183	\$41	
2024	45	\$0.9403	\$42	
2025	45	\$0.9629	\$43	

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Residential Appliance Retention Program
Summary of RIM Test and Participants Test Results**

	<u>Proposed Allowance</u>	<u>Participants Test</u>	<u>RIM Test</u>
Gas Storage Tank Water Heating	\$350	1.99	1.43
Gas Tankless Water Heating	\$450	1.72	1.33
Gas Heating	\$350	1.35	1.46
Gas Clothes Drying	\$100	1.78	1.44
Gas Cooking	\$100	1.74	1.40

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Residential Appliance Retention Program
RIM Test and Participants Test Results**

For

Storage Tank Water Heating

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
Participants Test - Cost Effective Results

Appliance Type
Storage Tank Water Heating

Year	Year Number	Benefits				Costs							
		Avoided Electric KWH Cost	Gas Rebate	Avoided Electric Appliance O&M	TOTAL BENEFITS	Gas Equipment Cost	Electric Equipment & Installation Cost	Gas Installation Cost	Gas Appliance O & M	Gas Supply Cost	Gas Energy Charge	Gas Customer Charge	TOTAL COSTS
		Table 1								Table 2	Table 3	Table 4	
1	2	3	4	5	3 thru 6	7	8	9	10	11	12	13	7 thru 13
2005	1	\$536	\$350	\$36	\$922	\$259	(\$314)	\$250	\$36	\$115	\$85	\$46	\$476
2006	2	\$543	0	\$37	\$580	0	0	0	\$37	\$117	\$85	\$46	\$285
2007	3	\$550	0	\$38	\$588	0	0	0	\$38	\$120	\$85	\$46	\$288
2008	4	\$557	0	\$39	\$596	0	0	0	\$39	\$123	\$85	\$46	\$292
2009	5	\$564	0	\$40	\$604	0	0	0	\$40	\$126	\$85	\$46	\$296
2010	6	\$571	0	\$41	\$612	0	0	0	\$41	\$129	\$85	\$46	\$300
2011	7	\$578	0	\$42	\$620	0	0	0	\$42	\$132	\$85	\$46	\$304
2012	8	\$585	0	\$43	\$628	0	0	0	\$43	\$135	\$85	\$46	\$308
2013	9	\$592	0	\$44	\$636	0	0	0	\$44	\$139	\$85	\$46	\$313
2014	10	\$599	0	\$45	\$644	0	0	0	\$45	\$142	\$85	\$46	\$317
2015	11	\$607	0	\$46	\$652	0	0	0	\$46	\$145	\$85	\$46	\$321
2016	12	\$614	0	\$47	\$660	0	0	0	\$47	\$149	\$85	\$46	\$326
2017	13	\$621	0	\$48	\$669	0	0	0	\$48	\$153	\$85	\$46	\$331
2018	14	\$628	350	\$49	\$1,027	361	(438)	348	\$49	\$156	\$85	\$46	\$607
2019	15	\$635	0	\$50	\$685	0	0	0	\$50	\$160	\$85	\$46	\$340
2020	16	\$642	0	\$51	\$693	0	0	0	\$51	\$164	\$85	\$46	\$345
2021	17	\$649	0	\$53	\$702	0	0	0	\$53	\$168	\$85	\$46	\$351
2022	18	\$656	0	\$54	\$710	0	0	0	\$54	\$172	\$85	\$46	\$356
2023	19	\$663	0	\$55	\$718	0	0	0	\$55	\$176	\$85	\$46	\$361
2024	20	\$670	0	\$56	\$727	0	0	0	\$56	\$180	\$85	\$46	\$367

Present Value
of Benefits \$6,613

Present Value
of Costs \$3,316

Benefit/Cost Ratio	1.99
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St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
Participants Test - Data

Appliance Type
Storage Tank Water Heating

<u>Escalation Rates</u>		Elec Base Rates	0.0%
O&M Expense	2.4%	Gas Fuel Rate	2.4%
Electric Fuel Adj	2.4%	Gas Base Rates	0.0%

Electric KWH Cost - Table 1				
Year	Cost Per KWH	Annual KWH	Tax Rate	Electric Cost
A	B	C	D	B*C*(1+D)
2006	\$0.1020	4,773	10%	\$536
2007	\$0.1034	4,773	10%	\$543
2008	\$0.1047	4,773	10%	\$550
2009	\$0.1061	4,773	10%	\$557
2010	\$0.1074	4,773	10%	\$564
2011	\$0.1088	4,773	10%	\$571
2012	\$0.1101	4,773	10%	\$578
2013	\$0.1115	4,773	10%	\$585
2014	\$0.1128	4,773	10%	\$592
2015	\$0.1142	4,773	10%	\$599
2016	\$0.1155	4,773	10%	\$607
2017	\$0.1169	4,773	10%	\$614
2018	\$0.1182	4,773	10%	\$621
2019	\$0.1196	4,773	10%	\$628
2020	\$0.1209	4,773	10%	\$635
2021	\$0.1223	4,773	10%	\$642
2022	\$0.1236	4,773	10%	\$649
2023	\$0.1250	4,773	10%	\$656
2024	\$0.1263	4,773	10%	\$663
2025	\$0.1277	4,773	10%	\$670

Gas Supply Cost - Table 2				
Year	Cost Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.6136	170	10%	\$115
2007	\$0.6283	170	10%	\$117
2008	\$0.6434	170	10%	\$120
2009	\$0.6588	170	10%	\$123
2010	\$0.6746	170	10%	\$126
2011	\$0.6908	170	10%	\$129
2012	\$0.7074	170	10%	\$132
2013	\$0.7244	170	10%	\$135
2014	\$0.7418	170	10%	\$139
2015	\$0.7596	170	10%	\$142
2016	\$0.7778	170	10%	\$145
2017	\$0.7965	170	10%	\$149
2018	\$0.8156	170	10%	\$153
2019	\$0.8351	170	10%	\$156
2020	\$0.8552	170	10%	\$160
2021	\$0.8757	170	10%	\$164
2022	\$0.8967	170	10%	\$168
2023	\$0.9183	170	10%	\$172
2024	\$0.9403	170	10%	\$176
2025	\$0.9629	170	10%	\$180

Gas Energy Charge - Table 3				
Year	Rate Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.4530	170	10%	\$85
2007	\$0.4530	170	10%	\$85
2008	\$0.4530	170	10%	\$85
2009	\$0.4530	170	10%	\$85
2010	\$0.4530	170	10%	\$85
2011	\$0.4530	170	10%	\$85
2012	\$0.4530	170	10%	\$85
2013	\$0.4530	170	10%	\$85
2014	\$0.4530	170	10%	\$85
2015	\$0.4530	170	10%	\$85
2016	\$0.4530	170	10%	\$85
2017	\$0.4530	170	10%	\$85
2018	\$0.4530	170	10%	\$85
2019	\$0.4530	170	10%	\$85
2020	\$0.4530	170	10%	\$85
2021	\$0.4530	170	10%	\$85
2022	\$0.4530	170	10%	\$85
2023	\$0.4530	170	10%	\$85
2024	\$0.4530	170	10%	\$85
2025	\$0.4530	170	10%	\$85

Gas Customer Charge - Table 4							
Year	Monthly Customer Charge	Annual Customer Charge	Appliance Annual Therms	Total Annual Therms	Ratio - Appliance to Total	Tax Rate	Pro-Rated Customer Charge
A	B	C	D	E	D/E	G	C*(D/E)*(1+Z)
2006	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2007	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2008	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2009	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2010	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2011	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2012	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2013	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2014	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2015	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2016	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2017	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2018	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2019	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2020	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2021	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2022	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2023	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2024	\$9.00	\$108.00	170	443	38.37%	10%	\$46
2025	\$9.00	\$108.00	170	443	38.37%	10%	\$46

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
RIM Test - Results

Appliance Type
Storage Tank Water Heating

	Incremental Revenue Energy Charge	Incremental Revenue Cost of Gas	Incremental Revenue Cust. Charge	Total Gas Revenue	Gas Supply Cost	Investment Carrying Costs	Incremental Customer Costs	Program Cost	Total Costs
	Table 1	Table 1A	Table 2		Table 5	Table 3	Table 4		
1	2	3	4	2 thru 4	6	7	8	9	6 thru 9
2002	\$77	\$104	\$41	\$223	\$104	\$0	\$0	\$350.00	\$454
2003	\$77	\$107	\$41	\$225	\$107	\$0	\$0	\$0.00	\$107
2004	\$77	\$109	\$41	\$228	\$109	\$0	\$0	\$0.00	\$109
2005	\$77	\$112	\$41	\$230	\$112	\$0	\$0	\$0.00	\$112
2006	\$77	\$115	\$41	\$233	\$115	\$0	\$0	\$0.00	\$115
2007	\$77	\$117	\$41	\$236	\$117	\$0	\$0	\$0.00	\$117
2008	\$77	\$120	\$41	\$239	\$120	\$0	\$0	\$0.00	\$120
2009	\$77	\$123	\$41	\$242	\$123	\$0	\$0	\$0.00	\$123
2010	\$77	\$126	\$41	\$245	\$126	\$0	\$0	\$0.00	\$126
2011	\$77	\$129	\$41	\$248	\$129	\$0	\$0	\$0.00	\$129
2012	\$77	\$132	\$41	\$251	\$132	\$0	\$0	\$0.00	\$132
2013	\$77	\$135	\$41	\$254	\$135	\$0	\$0	\$0.00	\$135
2014	\$77	\$139	\$41	\$257	\$139	\$0	\$0	\$0.00	\$139
2015	\$77	\$142	\$41	\$260	\$142	\$0	\$0	\$350.00	\$492
2016	\$77	\$145	\$41	\$264	\$145	\$0	\$0	\$0.00	\$145
2017	\$77	\$149	\$41	\$267	\$149	\$0	\$0	\$0.00	\$149
2018	\$77	\$152	\$41	\$271	\$152	\$0	\$0	\$0.00	\$152
2019	\$77	\$156	\$41	\$275	\$156	\$0	\$0	\$0.00	\$156
2020	\$77	\$160	\$41	\$278	\$160	\$0	\$0	\$0.00	\$160
2021	\$77	\$164	\$41	\$282	\$164	\$0	\$0	\$0.00	\$164

Present Value
of Benefits

\$2,383

Present Value
of Costs

\$1,664

Benefit/Cost
Ratio

1.43

St. Joe Natural Gas Company - Energy Conservation Filing 2007

Residential Appliance Retention Program

RIM Test - Calculated Data

Appliance Type
Storage Tank Water Heating

Fuel Escalator	2.4%	Depreciation Rate - Supply Main	3.30%
Gas Energy Charge Escalator	0%	Depreciation Rate - Development Main	3.30%
Gas Customer Charge Escalator	0%	Depreciation Rate - Service Line	3.50%
O&M Escalator	2.4%	Depreciation Rate - Meter	4.10%

Table 1

Revenue - Energy Charge			
1	2	3	2*3
Year	Therms	Base Rate	Total Charge
2006	170	\$0.4530	\$77
2007	170	\$0.4530	\$77
2008	170	\$0.4530	\$77
2009	170	\$0.4530	\$77
2010	170	\$0.4530	\$77
2011	170	\$0.4530	\$77
2012	170	\$0.4530	\$77
2013	170	\$0.4530	\$77
2014	170	\$0.4530	\$77
2015	170	\$0.4530	\$77
2016	170	\$0.4530	\$77
2017	170	\$0.4530	\$77
2018	170	\$0.4530	\$77
2019	170	\$0.4530	\$77
2020	170	\$0.4530	\$77
2021	170	\$0.4530	\$77
2022	170	\$0.4530	\$77
2023	170	\$0.4530	\$77
2024	170	\$0.4530	\$77
2025	170	\$0.4530	\$77

Table 1a

Revenue - Cost of Gas			
1	2	4	2*3
Year	Therms	Fuel Rate	Total Charge
2006	170	\$0.6136	\$104
2007	170	\$0.6283	\$107
2008	170	\$0.6434	\$109
2009	170	\$0.6588	\$112
2010	170	\$0.6746	\$115
2011	170	\$0.6908	\$117
2012	170	\$0.7074	\$120
2013	170	\$0.7244	\$123
2014	170	\$0.7418	\$126
2015	170	\$0.7596	\$129
2016	170	\$0.7778	\$132
2017	170	\$0.7965	\$135
2018	170	\$0.8156	\$139
2019	170	\$0.8351	\$142
2020	170	\$0.8552	\$145
2021	170	\$0.8757	\$149
2022	170	\$0.8967	\$152
2023	170	\$0.9183	\$156
2024	170	\$0.9403	\$160
2025	170	\$0.9629	\$164

Table 2

Revenue - Customer Charge				
1	2	3	4	4*3
Year	Monthly Customer Charge	Annual Customer Charge	Ratio Therms To Total Consumed	Prorated Annual Customer Charge
2006	\$8.00	\$108.00	38.37%	\$41
2007	\$8.00	\$108.00	38.37%	\$41
2008	\$8.00	\$108.00	38.37%	\$41
2009	\$8.00	\$108.00	38.37%	\$41
2010	\$8.00	\$108.00	38.37%	\$41
2011	\$8.00	\$108.00	38.37%	\$41
2012	\$8.00	\$108.00	38.37%	\$41
2013	\$8.00	\$108.00	38.37%	\$41
2014	\$8.00	\$108.00	38.37%	\$41
2015	\$8.00	\$108.00	38.37%	\$41
2016	\$8.00	\$108.00	38.37%	\$41
2017	\$8.00	\$108.00	38.37%	\$41
2018	\$8.00	\$108.00	38.37%	\$41
2019	\$8.00	\$108.00	38.37%	\$41
2020	\$8.00	\$108.00	38.37%	\$41
2021	\$8.00	\$108.00	38.37%	\$41
2022	\$8.00	\$108.00	38.37%	\$41
2023	\$8.00	\$108.00	38.37%	\$41
2024	\$8.00	\$108.00	38.37%	\$41
2025	\$8.00	\$108.00	38.37%	\$41

Table 3

Investment Carrying Costs							
1	2	3	4	5	6	7	8
Year	Supply Main	Development Main	Service Line	Meter	Total Investment	Cost of Debt	Ratio of Therms Consumed To Total
2006	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2007	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2008	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2009	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2010	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2011	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2012	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2013	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2014	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2015	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2016	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2017	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2018	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2019	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2020	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2021	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2022	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2023	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2024	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%
2025	\$0	\$0	\$0	\$0	\$0	5.96%	38.37%

Table 4

Incremental Customer Costs							
1	2	3	4	5=3*4	6	7	8=6*7
Year	Monthly Adm. Cost	Annual Adm. Cost	Ratio Therms To Total Consumed	Annual Ratio Adm. Cost	Annual O&M Cost	Ratio Therms To Total Consumed	Annual Ratio O&M Cost
2006	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2007	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2008	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2009	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2010	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2011	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2012	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2013	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2014	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2015	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2016	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2017	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2018	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2019	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2020	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2021	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2022	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2023	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2024	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0
2025	\$0.00	\$0	38.37%	\$0	\$0	38.37%	\$0

Table 5

Gas Costs			
1	2	3	2*3
Year	Therms	Gas Supply Rate	Gas Supply Cost
2006	170	\$0.6136	\$104
2007	170	\$0.6283	\$107
2008	170	\$0.6434	\$109
2009	170	\$0.6588	\$112
2010	170	\$0.6746	\$115
2011	170	\$0.6908	\$117
2012	170	\$0.7074	\$120
2013	170	\$0.7244	\$123
2014	170	\$0.7418	\$126
2015	170	\$0.7596	\$129
2016	170	\$0.7778	\$132
2017	170	\$0.7965	\$135
2018	170	\$0.8156	\$139
2019	170	\$0.8351	\$142
2020	170	\$0.8552	\$145
2021	170	\$0.8757	\$149
2022	170	\$0.8967	\$152
2023	170	\$0.9183	\$156
2024	170	\$0.9403	\$160
2025	170	\$0.9629	\$164

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Residential Appliance Retention Program
RIM Test and Participants Test Results**

For

Tankless Water Heating

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
Participants Test - Cost Effective Results

Appliance Type

Tankless Water Heating

Year	Year Number	Benefits				Costs							
		Avoided Electric KWH Cost	Gas Rebate	Avoided Electric Appliance O&M	TOTAL BENEFITS	Gas Equipment Cost	Electric Equipment & Installation Cost	Gas Installation Cost	Gas Appliance O & M	Gas Supply Cost	Gas Energy Charge	Gas Customer Charge	TOTAL COSTS
		Table 1				Table 2				Table 3	Table 4		
		3	4	5	3 thru 6	7	8	9	10	11	12	13	7 thru 13
2005	1	\$536	\$450	\$36	\$1,022	\$950	(\$314)	\$250	\$36	\$101	\$75	\$42	\$1,140
2006	2	\$543	0	\$37	\$580	0	0	0	\$37	\$104	\$75	\$42	\$257
2007	3	\$550	0	\$38	\$588	0	0	0	\$38	\$106	\$75	\$42	\$261
2008	4	\$557	0	\$39	\$596	0	0	0	\$39	\$109	\$75	\$42	\$264
2009	5	\$564	0	\$40	\$604	0	0	0	\$40	\$111	\$75	\$42	\$268
2010	6	\$571	0	\$41	\$612	0	0	0	\$41	\$114	\$75	\$42	\$271
2011	7	\$578	0	\$42	\$620	0	0	0	\$42	\$117	\$75	\$42	\$275
2012	8	\$585	0	\$43	\$628	0	0	0	\$43	\$120	\$75	\$42	\$279
2013	9	\$592	0	\$44	\$636	0	0	0	\$44	\$122	\$75	\$42	\$283
2014	10	\$599	0	\$45	\$644	0	0	0	\$45	\$125	\$75	\$42	\$287
2015	11	\$607	0	\$46	\$652	0	0	0	\$46	\$128	\$75	\$42	\$291
2016	12	\$614	0	\$47	\$660	0	0	0	\$47	\$131	\$75	\$42	\$295
2017	13	\$621	0	\$48	\$669	0	0	0	\$48	\$135	\$75	\$42	\$299
2018	14	\$628	0	\$49	\$677	0	0	0	\$49	\$138	\$75	\$42	\$304
2019	15	\$635	0	\$50	\$685	0	0	0	\$50	\$141	\$75	\$42	\$308
2020	16	\$642	0	\$51	\$693	0	0	0	\$51	\$144	\$75	\$42	\$313
2021	17	\$649	0	\$53	\$702	0	0	0	\$53	\$148	\$75	\$42	\$317
2022	18	\$656	0	\$54	\$710	0	0	0	\$54	\$152	\$75	\$42	\$322
2023	19	\$663	0	\$55	\$718	0	0	0	\$55	\$155	\$75	\$42	\$327
2024	20	\$670	450	\$56	\$1,177	1,527	(505)	402	\$56	\$159	\$75	\$42	\$1,756

Present Value
of Benefits **\$6,683**

Present Value
of Costs **\$3,879**

Benefit/Cost
Ratio **1.72**

**St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
Participants Test - Data**

Appliance Type
Tankless Water Heating

Escalation Rates		Elec Base Rates	0.0%
O&M Expenses	2.4%	Fuel Rates	2.4%
Electric fuel Adj	2.4%	Gas Base Rates	0.0%

Electric KWH Cost - Table 1				
Year	Cost Per KWH	Annual KWH	Tax Rate	Electric Cost
A	B	C	D	B*C*(1+D)
2006	\$0.1020	4,773	10.00%	\$536
2007	\$0.1034	4,773	10.00%	\$543
2008	\$0.1047	4,773	10.00%	\$550
2009	\$0.1061	4,773	10.00%	\$557
2010	\$0.1074	4,773	10.00%	\$564
2011	\$0.1088	4,773	10.00%	\$571
2012	\$0.1101	4,773	10.00%	\$578
2013	\$0.1115	4,773	10.00%	\$585
2014	\$0.1128	4,773	10.00%	\$592
2015	\$0.1142	4,773	10.00%	\$599
2016	\$0.1155	4,773	10.00%	\$607
2017	\$0.1169	4,773	10.00%	\$614
2018	\$0.1182	4,773	10.00%	\$621
2019	\$0.1196	4,773	10.00%	\$628
2020	\$0.1209	4,773	10.00%	\$635
2021	\$0.1223	4,773	10.00%	\$642
2022	\$0.1236	4,773	10.00%	\$649
2023	\$0.1250	4,773	10.00%	\$656
2024	\$0.1263	4,773	10.00%	\$663
2025	\$0.1277	4,773	10.00%	\$670

Gas Supply Cost - Table 2				
Year	Cost Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.6136	150	10.00%	\$101
2007	\$0.6283	150	10.00%	\$104
2008	\$0.6434	150	10.00%	\$106
2009	\$0.6588	150	10.00%	\$109
2010	\$0.6746	150	10.00%	\$111
2011	\$0.6908	150	10.00%	\$114
2012	\$0.7074	150	10.00%	\$117
2013	\$0.7244	150	10.00%	\$120
2014	\$0.7418	150	10.00%	\$122
2015	\$0.7596	150	10.00%	\$125
2016	\$0.7778	150	10.00%	\$128
2017	\$0.7965	150	10.00%	\$131
2018	\$0.8156	150	10.00%	\$135
2019	\$0.8351	150	10.00%	\$138
2020	\$0.8552	150	10.00%	\$141
2021	\$0.8757	150	10.00%	\$144
2022	\$0.8967	150	10.00%	\$148
2023	\$0.9183	150	10.00%	\$152
2024	\$0.9403	150	10.00%	\$155
2025	\$0.9629	150	10.00%	\$159

Gas Energy Charge - Table 3				
Year	Rate Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.4530	150	10.00%	\$75
2007	\$0.4530	150	10.00%	\$75
2008	\$0.4530	150	10.00%	\$75
2009	\$0.4530	150	10.00%	\$75
2010	\$0.4530	150	10.00%	\$75
2011	\$0.4530	150	10.00%	\$75
2012	\$0.4530	150	10.00%	\$75
2013	\$0.4530	150	10.00%	\$75
2014	\$0.4530	150	10.00%	\$75
2015	\$0.4530	150	10.00%	\$75
2016	\$0.4530	150	10.00%	\$75
2017	\$0.4530	150	10.00%	\$75
2018	\$0.4530	150	10.00%	\$75
2019	\$0.4530	150	10.00%	\$75
2020	\$0.4530	150	10.00%	\$75
2021	\$0.4530	150	10.00%	\$75
2022	\$0.4530	150	10.00%	\$75
2023	\$0.4530	150	10.00%	\$75
2024	\$0.4530	150	10.00%	\$75
2025	\$0.4530	150	10.00%	\$75

Gas Customer Charge - Table 4							
Year	Monthly Customer Charge	Annual Customer Charge	Appliance Annual Therms	Total Annual Therms	Ratio - Appliance to Total	Tax Rate	Pro-Rated Customer Charge
A	B	C	D	E	D/E	G	C*(D/E)*(1+Z)
2006	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2007	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2008	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2009	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2010	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2011	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2012	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2013	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2014	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2015	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2016	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2017	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2018	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2019	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2020	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2021	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2022	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2023	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2024	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42
2025	\$9.00	\$108.00	150	423	35.46%	10.00%	\$42

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
RIM Test - Results

Appliance Type

Tankless Water Heating

	Incremental Revenue Energy Charge	Incremental Revenue Cost of Gas	Incremental Revenue Cust. Charge	Total Gas Revenue	Gas Supply Cost	Investment Carrying Costs	Incremental Customer Costs	Program Cost	Total Costs
	Table 1	Table 1A	Table 2		Table 5	Table 3	Table 4		
1	2	3	4	2 thru 4	6	7	8	9	6 thru 9
2002	\$68	\$92	\$38	\$198	\$92	\$0	\$0	\$450.00	\$542
2003	\$68	\$94	\$38	\$200	\$94	\$0	\$0	\$0.00	\$94
2004	\$68	\$97	\$38	\$203	\$97	\$0	\$0	\$0.00	\$97
2005	\$68	\$99	\$38	\$205	\$99	\$0	\$0	\$0.00	\$99
2006	\$68	\$101	\$38	\$207	\$101	\$0	\$0	\$0.00	\$101
2007	\$68	\$104	\$38	\$210	\$104	\$0	\$0	\$0.00	\$104
2008	\$68	\$106	\$38	\$212	\$106	\$0	\$0	\$0.00	\$106
2009	\$68	\$109	\$38	\$215	\$109	\$0	\$0	\$0.00	\$109
2010	\$68	\$111	\$38	\$218	\$111	\$0	\$0	\$0.00	\$111
2011	\$68	\$114	\$38	\$220	\$114	\$0	\$0	\$0.00	\$114
2012	\$68	\$117	\$38	\$223	\$117	\$0	\$0	\$0.00	\$117
2013	\$68	\$119	\$38	\$226	\$119	\$0	\$0	\$0.00	\$119
2014	\$68	\$122	\$38	\$229	\$122	\$0	\$0	\$0.00	\$122
2015	\$68	\$125	\$38	\$232	\$125	\$0	\$0	\$0.00	\$125
2016	\$68	\$128	\$38	\$235	\$128	\$0	\$0	\$0.00	\$128
2017	\$68	\$131	\$38	\$238	\$131	\$0	\$0	\$0.00	\$131
2018	\$68	\$135	\$38	\$241	\$135	\$0	\$0	\$0.00	\$135
2019	\$68	\$138	\$38	\$244	\$138	\$0	\$0	\$0.00	\$138
2020	\$68	\$141	\$38	\$247	\$141	\$0	\$0	\$0.00	\$141
2021	\$68	\$144	\$38	\$251	\$144	\$0	\$0	\$450.00	\$594

Present Value
of Benefits

\$2,120

Present Value
of Costs

\$1,590

Benefit/Cost
Ratio

1.33

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
RIM Test - Calculated Data

Appliance Type
Tankless Water Heating

Fuel Rate Escalator	2.4%
Gas Energy Charge Escalator	0%
Gas Customer Charge Escalator	0%
O&M Escalator	2.4%

Depreciation Rate - Supply Main	3.30%
Depreciation Rate - Development Main	3.30%
Depreciation Rate - Service Line	3.50%
Depreciation Rate - Meter	4.10%

Table 1

Revenue - Energy Charge				
1	2	3	2*3	
Year	Therms	Base Rate	Total Charge	
2006	150	\$0.4530	\$68	
2007	150	\$0.4530	\$68	
2008	150	\$0.4530	\$68	
2009	150	\$0.4530	\$68	
2010	150	\$0.4530	\$68	
2011	150	\$0.4530	\$68	
2012	150	\$0.4530	\$68	
2013	150	\$0.4530	\$68	
2014	150	\$0.4530	\$68	
2015	150	\$0.4530	\$68	
2016	150	\$0.4530	\$68	
2017	150	\$0.4530	\$68	
2018	150	\$0.4530	\$68	
2019	150	\$0.4530	\$68	
2020	150	\$0.4530	\$68	
2021	150	\$0.4530	\$68	
2022	150	\$0.4530	\$68	
2023	150	\$0.4530	\$68	
2024	150	\$0.4530	\$68	
2025	150	\$0.4530	\$68	

Table 1a

Revenue - Cost of Gas				
1	2	4	2*3	
Year	Therms	Fuel Rate	Total Charge	
2006	150	\$0.6136	\$92	
2007	150	\$0.6283	\$94	
2008	150	\$0.6434	\$97	
2009	150	\$0.6588	\$99	
2010	150	\$0.6746	\$101	
2011	150	\$0.6908	\$104	
2012	150	\$0.7074	\$106	
2013	150	\$0.7244	\$109	
2014	150	\$0.7418	\$111	
2015	150	\$0.7596	\$114	
2016	150	\$0.7778	\$117	
2017	150	\$0.7965	\$119	
2018	150	\$0.8156	\$122	
2019	150	\$0.8351	\$125	
2020	150	\$0.8552	\$128	
2021	150	\$0.8757	\$131	
2022	150	\$0.8967	\$135	
2023	150	\$0.9183	\$138	
2024	150	\$0.9403	\$141	
2025	150	\$0.9629	\$144	

Table 2

Revenue - Customer Charge				
1	2	3	4	4*3
Year	Monthly Customer Charge	Annual Customer Charge	Ratio Therms To Total Consumed	Prorated Annual Customer Charge
2006	\$9.00	\$108.00	35.46%	\$38
2007	\$9.00	\$108.00	35.46%	\$38
2008	\$9.00	\$108.00	35.46%	\$38
2009	\$9.00	\$108.00	35.46%	\$38
2010	\$9.00	\$108.00	35.46%	\$38
2011	\$9.00	\$108.00	35.46%	\$38
2012	\$9.00	\$108.00	35.46%	\$38
2013	\$9.00	\$108.00	35.46%	\$38
2014	\$9.00	\$108.00	35.46%	\$38
2015	\$9.00	\$108.00	35.46%	\$38
2016	\$9.00	\$108.00	35.46%	\$38
2017	\$9.00	\$108.00	35.46%	\$38
2018	\$9.00	\$108.00	35.46%	\$38
2019	\$9.00	\$108.00	35.46%	\$38
2020	\$9.00	\$108.00	35.46%	\$38
2021	\$9.00	\$108.00	35.46%	\$38
2022	\$9.00	\$108.00	35.46%	\$38
2023	\$9.00	\$108.00	35.46%	\$38
2024	\$9.00	\$108.00	35.46%	\$38
2025	\$9.00	\$108.00	35.46%	\$38

Table 3

Investment Carrying Costs								
1	2	3	4	5	6	7	8	6*7*8
Year	Supply Main	Development Main	Service Line	Meter	Total Investment	Cost of Debt	Ratio of Therms Consumed To Total	Investment Carrying Cost
2006	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2007	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2008	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2009	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2010	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2011	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2012	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2013	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2014	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2015	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2016	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2017	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2018	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2019	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2020	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2021	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2022	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2023	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2024	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0
2025	\$0	\$0	\$0	\$0	\$0	5.96%	35.46%	\$0

Table 4

Incremental Customer Costs									
1	2	3	4	5=3*4	6	7	8=6*7	9=8	
Year	Monthly Adm. Cost	Annual Adm. Cost	Ratio Therms To Total Consumed	Annual Ratio Adm. Cost	Annual O&M Cost	Ratio Therms To Total Consumed	Annual Ratio O&M Cost	Total Incremental Adm. & O&M Cost	
2006	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2007	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2008	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2009	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2010	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2011	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2012	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2013	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2014	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2015	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2016	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2017	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2018	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2019	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2020	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2021	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2022	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2023	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2024	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	
2025	\$0.00	\$0	35.46%	\$0	\$0	35.46%	\$0	\$0	

Table 5

Gas Costs			
1	2	3	2*3
Year	Therms	Gas Supply Rate	Gas Supply Cost
2006	150	\$0.6136	\$92
2007	150	\$0.6283	\$94
2008	150	\$0.6434	\$97
2009	150	\$0.6588	\$99
2010	150	\$0.6746	\$101
2011	150	\$0.6908	\$104
2012	150	\$0.7074	\$106
2013	150	\$0.7244	\$109
2014	150	\$0.7418	\$111
2015	150	\$0.7596	\$114
2016	150	\$0.7778	\$117
2017	150	\$0.7965	\$119
2018	150	\$0.8156	\$122
2019	150	\$0.8351	\$125
2020	150	\$0.8552	\$128
2021	150	\$0.8757	\$131
2022	150	\$0.8967	\$135
2023	150	\$0.9183	\$138
2024	150	\$0.9403	\$141
2025	150	\$0.9629	\$144

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Residential Appliance Retention Program
RIM Test and Participants Test Results**

For

Heating Systems

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
Participants Test - Cost Effective Results

Appliance Type
Heating System

Year	Year Number	Benefits				Costs							
		Avoided Electric KWH Cost	Gas Rebate	Avoided Electric Appliance O&M	TOTAL BENEFITS	Gas Equipment Cost	Electric Equipment & Installation Cost	Gas Installation Cost	Gas Appliance O & M	Gas Supply Cost	Gas Energy Charge	Gas Customer Charge	TOTAL COSTS
		Table 1				Table 2 Table 3 Table 4							
		3	4	5	3 thru 6	7	8	9	10	11	12	13	7 thru 13
2005	1	\$353	\$350	\$192	\$895	\$2,052	(\$3,850)	\$1,648	\$192	\$120	\$89	\$48	\$299
2006	2	\$358	0	\$197	\$555	0	0	0	\$197	\$123	\$89	\$48	\$456
2007	3	\$363	0	\$201	\$564	0	0	0	\$201	\$126	\$89	\$48	\$464
2008	4	\$368	0	\$206	\$574	0	0	0	\$206	\$129	\$89	\$48	\$472
2009	5	\$372	0	\$211	\$583	0	0	0	\$211	\$132	\$89	\$48	\$480
2010	6	\$377	0	\$216	\$593	0	0	0	\$216	\$135	\$89	\$48	\$488
2011	7	\$382	0	\$221	\$603	0	0	0	\$221	\$139	\$89	\$48	\$496
2012	8	\$386	0	\$227	\$613	0	0	0	\$227	\$142	\$89	\$48	\$505
2013	9	\$391	0	\$232	\$623	0	0	0	\$232	\$145	\$89	\$48	\$514
2014	10	\$396	0	\$238	\$633	0	0	0	\$238	\$149	\$89	\$48	\$523
2015	11	\$400	0	\$243	\$644	0	0	0	\$243	\$152	\$89	\$48	\$532
2016	12	\$405	0	\$249	\$654	0	0	0	\$249	\$156	\$89	\$48	\$542
2017	13	\$410	0	\$255	\$665	0	0	0	\$255	\$160	\$89	\$48	\$551
2018	14	\$414	0	\$261	\$676	0	0	0	\$261	\$164	\$89	\$48	\$561
2019	15	\$419	350	\$268	\$1,037	2,929	(5,495)	2,352	\$268	\$167	\$89	\$48	\$357
2020	16	\$424	0	\$274	\$698	0	0	0	\$274	\$171	\$89	\$48	\$582
2021	17	\$428	0	\$281	\$709	0	0	0	\$281	\$176	\$89	\$48	\$593
2022	18	\$433	0	\$287	\$720	0	0	0	\$287	\$180	\$89	\$48	\$604
2023	19	\$438	0	\$294	\$732	0	0	0	\$294	\$184	\$89	\$48	\$615
2024	20	\$442	0	\$301	\$744	0	0	0	\$301	\$189	\$89	\$48	\$626

Present Value of Benefits \$6,475

Present Value of Costs \$4,785

Benefit/Cost Ratio	1.35
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St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
Participants Test - Data

Appliance Type
Heating System

<u>Escalation Rates</u>		Elec Base Rates	0.0%
O&M Expenses	2.4%	Gas Fuel Rate	2.4%
Electric Fuel Adj	2.4%	Gas Base Rates	0.0%

Electric KWH Cost - Table 1				
Year	Cost Per KWH	Annual KWH	Tax Rate	Electric Cost
A	B	C	D	B*C*(1+D)
2006	\$0.1020	3,150	10.00%	\$363
2007	\$0.1034	3,150	10.00%	\$368
2008	\$0.1047	3,150	10.00%	\$363
2009	\$0.1061	3,150	10.00%	\$368
2010	\$0.1074	3,150	10.00%	\$372
2011	\$0.1088	3,150	10.00%	\$377
2012	\$0.1101	3,150	10.00%	\$382
2013	\$0.1115	3,150	10.00%	\$386
2014	\$0.1128	3,150	10.00%	\$391
2015	\$0.1142	3,150	10.00%	\$396
2016	\$0.1155	3,150	10.00%	\$400
2017	\$0.1169	3,150	10.00%	\$405
2018	\$0.1182	3,150	10.00%	\$410
2019	\$0.1196	3,150	10.00%	\$414
2020	\$0.1209	3,150	10.00%	\$419
2021	\$0.1223	3,150	10.00%	\$424
2022	\$0.1236	3,150	10.00%	\$428
2023	\$0.1250	3,150	10.00%	\$433
2024	\$0.1263	3,150	10.00%	\$438
2025	\$0.1277	3,150	10.00%	\$442

Gas Supply Cost - Table 2				
Year	Cost Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.6136	178	10.00%	\$120
2007	\$0.6283	178	10.00%	\$123
2008	\$0.6434	178	10.00%	\$126
2009	\$0.6588	178	10.00%	\$129
2010	\$0.6746	178	10.00%	\$132
2011	\$0.6908	178	10.00%	\$135
2012	\$0.7074	178	10.00%	\$139
2013	\$0.7244	178	10.00%	\$142
2014	\$0.7418	178	10.00%	\$145
2015	\$0.7596	178	10.00%	\$149
2016	\$0.7778	178	10.00%	\$152
2017	\$0.7965	178	10.00%	\$156
2018	\$0.8156	178	10.00%	\$160
2019	\$0.8351	178	10.00%	\$164
2020	\$0.8552	178	10.00%	\$167
2021	\$0.8757	178	10.00%	\$171
2022	\$0.8967	178	10.00%	\$176
2023	\$0.9183	178	10.00%	\$180
2024	\$0.9403	178	10.00%	\$184
2025	\$0.9629	178	10.00%	\$189

Gas Energy Charge - Table 3				
Year	Rate Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.4530	178	10.00%	\$89
2007	\$0.4530	178	10.00%	\$89
2008	\$0.4530	178	10.00%	\$89
2009	\$0.4530	178	10.00%	\$89
2010	\$0.4530	178	10.00%	\$89
2011	\$0.4530	178	10.00%	\$89
2012	\$0.4530	178	10.00%	\$89
2013	\$0.4530	178	10.00%	\$89
2014	\$0.4530	178	10.00%	\$89
2015	\$0.4530	178	10.00%	\$89
2016	\$0.4530	178	10.00%	\$89
2017	\$0.4530	178	10.00%	\$89
2018	\$0.4530	178	10.00%	\$89
2019	\$0.4530	178	10.00%	\$89
2020	\$0.4530	178	10.00%	\$89
2021	\$0.4530	178	10.00%	\$89
2022	\$0.4530	178	10.00%	\$89
2023	\$0.4530	178	10.00%	\$89
2024	\$0.4530	178	10.00%	\$89
2025	\$0.4530	178	10.00%	\$89

Gas Customer Charge - Table 4							
Year	Monthly Customer Charge	Annual Customer Charge	Appliance Annual Therms	Total Annual Therms	Ratio - Appliance to Total	Tax Rate	Pro-Rated Customer Charge
A	B	C	D	E	D/E	G	C*(D/E)*(1+Z)
2006	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2007	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2008	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2009	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2010	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2011	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2012	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2013	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2014	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2015	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2016	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2017	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2018	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2019	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2020	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2021	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2022	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2023	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2024	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48
2025	\$9.00	\$108.00	178	443	40.18%	10.00%	\$48

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
RIM Test - Results

Appliance Type

Heating System

	Incremental Revenue Energy Charge	Incremental Revenue Cost of Gas	Incremental Revenue Cust. Charge	Total Gas Revenue	Gas Supply Cost	Investment Carrying Costs	Incremental Customer Costs	Program Cost	Total Costs
	Table 1	Table 1A	Table 2		Table 5	Table 3	Table 4		
1	2	3	4	2 thru 4	6	7	8	9	6 thru 9
2002	\$81	\$109	\$43	\$233	\$109	\$0	\$0	\$350.00	\$459
2003	\$81	\$112	\$43	\$236	\$112	\$0	\$0	\$0.00	\$112
2004	\$81	\$115	\$43	\$239	\$115	\$0	\$0	\$0.00	\$115
2005	\$81	\$117	\$43	\$241	\$117	\$0	\$0	\$0.00	\$117
2006	\$81	\$120	\$43	\$244	\$120	\$0	\$0	\$0.00	\$120
2007	\$81	\$123	\$43	\$247	\$123	\$0	\$0	\$0.00	\$123
2008	\$81	\$126	\$43	\$250	\$126	\$0	\$0	\$0.00	\$126
2009	\$81	\$129	\$43	\$253	\$129	\$0	\$0	\$0.00	\$129
2010	\$81	\$132	\$43	\$256	\$132	\$0	\$0	\$0.00	\$132
2011	\$81	\$135	\$43	\$259	\$135	\$0	\$0	\$0.00	\$135
2012	\$81	\$138	\$43	\$262	\$138	\$0	\$0	\$0.00	\$138
2013	\$81	\$142	\$43	\$266	\$142	\$0	\$0	\$0.00	\$142
2014	\$81	\$145	\$43	\$269	\$145	\$0	\$0	\$0.00	\$145
2015	\$81	\$149	\$43	\$273	\$149	\$0	\$0	\$0.00	\$149
2016	\$81	\$152	\$43	\$276	\$152	\$0	\$0	\$350.00	\$502
2017	\$81	\$156	\$43	\$280	\$156	\$0	\$0	\$0.00	\$156
2018	\$81	\$160	\$43	\$284	\$160	\$0	\$0	\$0.00	\$160
2019	\$81	\$163	\$43	\$287	\$163	\$0	\$0	\$0.00	\$163
2020	\$81	\$167	\$43	\$291	\$167	\$0	\$0	\$0.00	\$167
2021	\$81	\$171	\$43	\$295	\$171	\$0	\$0	\$0.00	\$171

Present Value
of Benefits

\$2,496

Present Value
of Costs

\$1,712

Benefit/Cost
Ratio

1.46

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
RIM Test - Calculated Data

Appliance Type
Heating System

Fuel Rate Escalator	2.4%	Depreciation Rate - Supply Main	3.30%
Gas Energy Charge Escalator	0%	Depreciation Rate - Development Main	3.30%
Gas Customer Charge Escalator	0%	Depreciation Rate - Service Line	3.50%
O&M Escalator	2.4%	Depreciation Rate - Meter	4.10%

Table 1

Revenue - Energy Charge			
1	2	3	2*3
Year	Therms	Base Rate	Total Charge
2006	178	\$0.4530	\$81
2007	178	\$0.4530	\$81
2008	178	\$0.4530	\$81
2009	178	\$0.4530	\$81
2010	178	\$0.4530	\$81
2011	178	\$0.4530	\$81
2012	178	\$0.4530	\$81
2013	178	\$0.4530	\$81
2014	178	\$0.4530	\$81
2015	178	\$0.4530	\$81
2016	178	\$0.4530	\$81
2017	178	\$0.4530	\$81
2018	178	\$0.4530	\$81
2019	178	\$0.4530	\$81
2020	178	\$0.4530	\$81
2021	178	\$0.4530	\$81
2022	178	\$0.4530	\$81
2023	178	\$0.4530	\$81
2024	178	\$0.4530	\$81
2025	178	\$0.4530	\$81

Table 1a

Revenue - Cost of Gas			
1	2	4	2*3
Year	Therms	Fuel Rate	Total Charge
2006	178	\$0.6136	\$109
2007	178	\$0.6283	\$112
2008	178	\$0.6434	\$115
2009	178	\$0.6588	\$117
2010	178	\$0.6746	\$120
2011	178	\$0.6908	\$123
2012	178	\$0.7074	\$126
2013	178	\$0.7244	\$129
2014	178	\$0.7418	\$132
2015	178	\$0.7596	\$135
2016	178	\$0.7778	\$138
2017	178	\$0.7965	\$142
2018	178	\$0.8156	\$145
2019	178	\$0.8351	\$149
2020	178	\$0.8552	\$152
2021	178	\$0.8757	\$156
2022	178	\$0.8967	\$160
2023	178	\$0.9183	\$163
2024	178	\$0.9403	\$167
2025	178	\$0.9629	\$171

Table 2

Revenue - Customer Charge				
1	2	3	4	4*3
Year	Monthly Customer Charge	Annual Customer Charge	Ratio Therms To Total Consumed	Prorated Annual Customer Charge
2006	\$9.00	\$108.00	40.18%	\$43
2007	\$9.00	\$108.00	40.18%	\$43
2008	\$9.00	\$108.00	40.18%	\$43
2009	\$9.00	\$108.00	40.18%	\$43
2010	\$9.00	\$108.00	40.18%	\$43
2011	\$9.00	\$108.00	40.18%	\$43
2012	\$9.00	\$108.00	40.18%	\$43
2013	\$9.00	\$108.00	40.18%	\$43
2014	\$9.00	\$108.00	40.18%	\$43
2015	\$9.00	\$108.00	40.18%	\$43
2016	\$9.00	\$108.00	40.18%	\$43
2017	\$9.00	\$108.00	40.18%	\$43
2018	\$9.00	\$108.00	40.18%	\$43
2019	\$9.00	\$108.00	40.18%	\$43
2020	\$9.00	\$108.00	40.18%	\$43
2021	\$9.00	\$108.00	40.18%	\$43
2022	\$9.00	\$108.00	40.18%	\$43
2023	\$9.00	\$108.00	40.18%	\$43
2024	\$9.00	\$108.00	40.18%	\$43
2025	\$9.00	\$108.00	40.18%	\$43

Table 3

Investment Carrying Costs							
1	2	3	4	5	6	7	6*7*8
Year	Supply Main	Development Main	Service Line	Meter	Total Investment	Cost of Debt	Ratio of Therms Consumed To Total Investment Carrying Cost
2006	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2007	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2008	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2009	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2010	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2011	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2012	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2013	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2014	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2015	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2016	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2017	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2018	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2019	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2020	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2021	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2022	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2023	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2024	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%
2025	\$0	\$0	\$0	\$0	\$0	5.96%	40.18%

Table 4

Incremental Customer Costs								
1	2	3	4	5=3*4	6	7	8=6*7	5+8
Year	Monthly Adm. Cost	Annual Adm. Cost	Ratio Therms To Total Consumed	Annual Ratio Adm. Cost	Annual O&M Cost	Ratio Therms To Total Consumed	Annual Ratio O&M Cost	Total Incremental Adm. & O&M Cost
2006	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2007	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2008	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2009	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2010	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2011	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2012	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2013	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2014	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2015	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2016	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2017	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2018	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2019	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2020	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2021	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2022	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2023	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2024	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0
2025	\$0.00	\$0	40.18%	\$0	\$0	40.18%	\$0	\$0

Table 5

Gas Costs			
1	2	3	2*3
Year	Therms	Gas Supply Rate	Gas Supply Cost
2006	178	\$0.6136	\$109
2007	178	\$0.6283	\$112
2008	178	\$0.6434	\$115
2009	178	\$0.6588	\$117
2010	178	\$0.6746	\$120
2011	178	\$0.6908	\$123
2012	178	\$0.7074	\$126
2013	178	\$0.7244	\$129
2014	178	\$0.7418	\$132
2015	178	\$0.7596	\$135
2016	178	\$0.7778	\$138
2017	178	\$0.7965	\$142
2018	178	\$0.8156	\$145
2019	178	\$0.8351	\$149
2020	178	\$0.8552	\$152
2021	178	\$0.8757	\$156
2022	178	\$0.8967	\$160
2023	178	\$0.9183	\$163
2024	178	\$0.9403	\$167
2025	178	\$0.9629	\$171

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Residential Appliance Retention Program
RIM Test and Participants Test Results**

For

Clothes Drying Appliances

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
Participants Test - Cost Effective Results

Appliance Type
Clothes Drying

Year	Year Number	Benefits				Costs							
		Avoided Electric KWH Cost	Gas Rebate	Avoided Electric Appliance O&M	TOTAL BENEFITS	Gas Equipment Cost	Electric Equipment & Installation Cost	Gas Installation Cost	Gas Appliance O & M	Gas Supply Cost	Gas Energy Charge	Gas Customer Charge	TOTAL COSTS
		Table 1				Table 2 Table 3 Table 4							
		3	4	5	3 thru 6	7	8	9	10	11	12	13	7 thru 13
2005	1	\$164	\$100	\$36	\$300	\$379	(\$454)	\$150	\$36	\$34	\$25	\$13	\$183
2006	2	\$167	0	\$37	\$203	0	0	0	\$37	\$35	\$25	\$13	\$110
2007	3	\$169	0	\$38	\$207	0	0	0	\$38	\$35	\$25	\$13	\$111
2008	4	\$171	0	\$39	\$210	0	0	0	\$39	\$36	\$25	\$13	\$113
2009	5	\$173	0	\$40	\$213	0	0	0	\$40	\$37	\$25	\$13	\$115
2010	6	\$175	0	\$41	\$216	0	0	0	\$41	\$38	\$25	\$13	\$117
2011	7	\$177	0	\$42	\$219	0	0	0	\$42	\$39	\$25	\$13	\$119
2012	8	\$180	0	\$43	\$222	0	0	0	\$43	\$40	\$25	\$13	\$121
2013	9	\$182	0	\$44	\$225	0	0	0	\$44	\$41	\$25	\$13	\$123
2014	10	\$184	0	\$45	\$229	0	0	0	\$45	\$42	\$25	\$13	\$125
2015	11	\$186	0	\$46	\$232	0	0	0	\$46	\$43	\$25	\$13	\$127
2016	12	\$188	0	\$47	\$235	0	0	0	\$47	\$44	\$25	\$13	\$129
2017	13	\$191	100	\$48	\$338	516	(618)	204	\$48	\$45	\$25	\$13	\$233
2018	14	\$193	0	\$49	\$242	0	0	0	\$49	\$46	\$25	\$13	\$133
2019	15	\$195	0	\$50	\$245	0	0	0	\$50	\$47	\$25	\$13	\$136
2020	16	\$197	0	\$51	\$248	0	0	0	\$51	\$48	\$25	\$13	\$138
2021	17	\$199	0	\$53	\$252	0	0	0	\$53	\$49	\$25	\$13	\$140
2022	18	\$201	0	\$54	\$255	0	0	0	\$54	\$51	\$25	\$13	\$143
2023	19	\$204	0	\$55	\$259	0	0	0	\$55	\$52	\$25	\$13	\$145
2024	20	\$206	0	\$56	\$262	0	0	0	\$56	\$53	\$25	\$13	\$148

Present Value
of Benefits \$2,315

Present Value
of Costs \$1,299

Benefit/Cost Ratio	1.78
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St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
Participants Test - Data

Appliance Type
Clothes Drying

<u>Escalation Rates</u>		Elec Base Rates	0.0%
O&M Expenses	2.4%	Gas Fuel Rate	2.4%
Electric Fuel Adj	2.4%	Gas Base Rates	0.0%

Electric KWH Cost - Table 1				
Year	Cost Per KWH	Annual KWH	Tax Rate	Electric Cost
A	B	C	D	B*C*(1+D)
2006	\$0.1020	1,465	10.00%	\$184
2007	\$0.1034	1,465	10.00%	\$167
2008	\$0.1047	1,465	10.00%	\$169
2009	\$0.1061	1,465	10.00%	\$171
2010	\$0.1074	1,465	10.00%	\$173
2011	\$0.1088	1,465	10.00%	\$175
2012	\$0.1101	1,465	10.00%	\$177
2013	\$0.1115	1,465	10.00%	\$180
2014	\$0.1128	1,465	10.00%	\$182
2015	\$0.1142	1,465	10.00%	\$184
2016	\$0.1155	1,465	10.00%	\$186
2017	\$0.1169	1,465	10.00%	\$188
2018	\$0.1182	1,465	10.00%	\$191
2019	\$0.1196	1,465	10.00%	\$193
2020	\$0.1209	1,465	10.00%	\$195
2021	\$0.1223	1,465	10.00%	\$197
2022	\$0.1236	1,465	10.00%	\$199
2023	\$0.1250	1,465	10.00%	\$201
2024	\$0.1263	1,465	10.00%	\$204
2025	\$0.1277	1,465	10.00%	\$206

Gas Supply Cost - Table 2				
Year	Cost Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.6136	50	10.00%	\$34
2007	\$0.6283	50	10.00%	\$35
2008	\$0.6434	50	10.00%	\$35
2009	\$0.6588	50	10.00%	\$36
2010	\$0.6746	50	10.00%	\$37
2011	\$0.6908	50	10.00%	\$38
2012	\$0.7074	50	10.00%	\$39
2013	\$0.7244	50	10.00%	\$40
2014	\$0.7418	50	10.00%	\$41
2015	\$0.7596	50	10.00%	\$42
2016	\$0.7778	50	10.00%	\$43
2017	\$0.7965	50	10.00%	\$44
2018	\$0.8156	50	10.00%	\$45
2019	\$0.8351	50	10.00%	\$46
2020	\$0.8552	50	10.00%	\$47
2021	\$0.8757	50	10.00%	\$48
2022	\$0.8967	50	10.00%	\$49
2023	\$0.9183	50	10.00%	\$51
2024	\$0.9403	50	10.00%	\$52
2025	\$0.9629	50	10.00%	\$53

Gas Energy Charge - Table 3				
Year	Rate Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.4530	50	10.00%	\$25
2007	\$0.4530	50	10.00%	\$25
2008	\$0.4530	50	10.00%	\$25
2009	\$0.4530	50	10.00%	\$25
2010	\$0.4530	50	10.00%	\$25
2011	\$0.4530	50	10.00%	\$25
2012	\$0.4530	50	10.00%	\$25
2013	\$0.4530	50	10.00%	\$25
2014	\$0.4530	50	10.00%	\$25
2015	\$0.4530	50	10.00%	\$25
2016	\$0.4530	50	10.00%	\$25
2017	\$0.4530	50	10.00%	\$25
2018	\$0.4530	50	10.00%	\$25
2019	\$0.4530	50	10.00%	\$25
2020	\$0.4530	50	10.00%	\$25
2021	\$0.4530	50	10.00%	\$25
2022	\$0.4530	50	10.00%	\$25
2023	\$0.4530	50	10.00%	\$25
2024	\$0.4530	50	10.00%	\$25
2025	\$0.4530	50	10.00%	\$25

Gas Customer Charge - Table 4							
Year	Monthly Customer Charge	Annual Customer Charge	Appliance Annual Therms	Total Annual Therms	Ratio - Appliance to Total	Tax Rate	Pro-Rated Customer Charge
A	B	C	D	E	D/E	G	C*(D/E)*(1+Z)
2006	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2007	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2008	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2009	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2010	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2011	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2012	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2013	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2014	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2015	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2016	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2017	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2018	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2019	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2020	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2021	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2022	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2023	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2024	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13
2025	\$9.00	\$108.00	50	443	11.29%	10.00%	\$13

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
RIM Test - Results

Appliance Type

Clothes Drying

	Incremental Revenue Energy Charge	Incremental Revenue Cost of Gas	Incremental Revenue Cust. Charge	Total Gas Revenue	Gas Supply Cost	Investment Carrying Costs	Incremental Customer Costs	Program Cost	Total Costs
	Table 1	Table 1A	Table 2		Table 5	Table 3	Table 4		
1	2	3	4	2 thru 4	6	7	8	9	6 thru 9
2002	\$23	\$31	\$12	\$66	\$31	\$0	\$0	\$100.00	\$131
2003	\$23	\$31	\$12	\$66	\$31	\$0	\$0	\$0.00	\$31
2004	\$23	\$32	\$12	\$67	\$32	\$0	\$0	\$0.00	\$32
2005	\$23	\$33	\$12	\$68	\$33	\$0	\$0	\$0.00	\$33
2006	\$23	\$34	\$12	\$69	\$34	\$0	\$0	\$0.00	\$34
2007	\$23	\$35	\$12	\$69	\$35	\$0	\$0	\$0.00	\$35
2008	\$23	\$35	\$12	\$70	\$35	\$0	\$0	\$0.00	\$35
2009	\$23	\$36	\$12	\$71	\$36	\$0	\$0	\$0.00	\$36
2010	\$23	\$37	\$12	\$72	\$37	\$0	\$0	\$0.00	\$37
2011	\$23	\$38	\$12	\$73	\$38	\$0	\$0	\$0.00	\$38
2012	\$23	\$39	\$12	\$74	\$39	\$0	\$0	\$0.00	\$39
2013	\$23	\$40	\$12	\$75	\$40	\$0	\$0	\$0.00	\$40
2014	\$23	\$41	\$12	\$76	\$41	\$0	\$0	\$100.00	\$141
2015	\$23	\$42	\$12	\$77	\$42	\$0	\$0	\$0.00	\$42
2016	\$23	\$43	\$12	\$78	\$43	\$0	\$0	\$0.00	\$43
2017	\$23	\$44	\$12	\$79	\$44	\$0	\$0	\$0.00	\$44
2018	\$23	\$45	\$12	\$80	\$45	\$0	\$0	\$0.00	\$45
2019	\$23	\$46	\$12	\$81	\$46	\$0	\$0	\$0.00	\$46
2020	\$23	\$47	\$12	\$82	\$47	\$0	\$0	\$0.00	\$47
2021	\$23	\$48	\$12	\$83	\$48	\$0	\$0	\$0.00	\$48

Present Value
of Benefits

\$701

Present Value
of Costs

\$488

Benefit/Cost
Ratio

1.44

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
RIM Test - Calculated Data

Appliance Type
Clothes Drying

Fuel Rate Escalator	2.4%
Gas Energy Charge Escalator	0%
Gas Customer Charge Escalator	0%
O&M Escalator	2.4%

Depreciation Rate - Supply Main	3.30%
Depreciation Rate - Development Main	3.30%
Depreciation Rate - Service Line	3.50%
Depreciation Rate - Meter	4.10%

Table 1

Revenue - Energy Charge				
1	2	3	2*3	
Year	Therms	Base Rate	Total Charge	
2006	50	\$0.4530	\$23	
2007	50	\$0.4530	\$23	
2008	50	\$0.4530	\$23	
2009	50	\$0.4530	\$23	
2010	50	\$0.4530	\$23	
2011	50	\$0.4530	\$23	
2012	50	\$0.4530	\$23	
2013	50	\$0.4530	\$23	
2014	50	\$0.4530	\$23	
2015	50	\$0.4530	\$23	
2016	50	\$0.4530	\$23	
2017	50	\$0.4530	\$23	
2018	50	\$0.4530	\$23	
2019	50	\$0.4530	\$23	
2020	50	\$0.4530	\$23	
2021	50	\$0.4530	\$23	
2022	50	\$0.4530	\$23	
2023	50	\$0.4530	\$23	
2024	50	\$0.4530	\$23	
2025	50	\$0.4530	\$23	

Table 1a

Revenue - Cost of Gas				
1	2	4	2*3	
Year	Therms	Fuel Rate	Total Charge	
2006	50	\$0.6136	\$31	
2007	50	\$0.6283	\$31	
2008	50	\$0.6434	\$32	
2009	50	\$0.6588	\$33	
2010	50	\$0.6746	\$34	
2011	50	\$0.6908	\$35	
2012	50	\$0.7074	\$35	
2013	50	\$0.7244	\$36	
2014	50	\$0.7416	\$37	
2015	50	\$0.7596	\$38	
2016	50	\$0.7778	\$39	
2017	50	\$0.7965	\$40	
2018	50	\$0.8156	\$41	
2019	50	\$0.8351	\$42	
2020	50	\$0.8552	\$43	
2021	50	\$0.8757	\$44	
2022	50	\$0.8967	\$45	
2023	50	\$0.9183	\$46	
2024	50	\$0.9403	\$47	
2025	50	\$0.9629	\$48	

Table 2

Revenue - Customer Charge				
1	2	3	4	4*3
Year	Monthly Customer Charge	Annual Customer Charge	Ratio Therms To Total Consumed	Prorated Annual Customer Charge
2006	\$9.00	\$108.00	11.29%	\$12
2007	\$9.00	\$108.00	11.29%	\$12
2008	\$9.00	\$108.00	11.29%	\$12
2009	\$9.00	\$108.00	11.29%	\$12
2010	\$9.00	\$108.00	11.29%	\$12
2011	\$9.00	\$108.00	11.29%	\$12
2012	\$9.00	\$108.00	11.29%	\$12
2013	\$9.00	\$108.00	11.29%	\$12
2014	\$9.00	\$108.00	11.29%	\$12
2015	\$9.00	\$108.00	11.29%	\$12
2016	\$9.00	\$108.00	11.29%	\$12
2017	\$9.00	\$108.00	11.29%	\$12
2018	\$9.00	\$108.00	11.29%	\$12
2019	\$9.00	\$108.00	11.29%	\$12
2020	\$9.00	\$108.00	11.29%	\$12
2021	\$9.00	\$108.00	11.29%	\$12
2022	\$9.00	\$108.00	11.29%	\$12
2023	\$9.00	\$108.00	11.29%	\$12
2024	\$9.00	\$108.00	11.29%	\$12
2025	\$9.00	\$108.00	11.29%	\$12

Table 3

Investment Carrying Costs								
1	2	3	4	5	6	7	8	6*7*8
Year	Supply Main	Development Main	Service Line	Meter	Total Investment	Cost of Debt	Ratio of Therms Consumed To Total	Investment Carrying Cost
2006	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2007	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2008	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2009	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2010	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2011	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2012	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2013	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2014	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2015	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2016	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2017	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2018	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2019	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2020	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2021	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2022	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2023	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2024	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0
2025	\$0	\$0	\$0	\$0	\$0	5.96%	11.29%	\$0

Table 4

Incremental Customer Costs									
1	2	3	4	5=3*4	6	7	8=6*7	5+8	
Year	Monthly Adm. Cost	Annual Adm. Cost	Ratio Therms To Total Consumed	Annual Ratio Adm. Cost	Annual O&M Cost	Ratio Therms To Total Consumed	Annual Ratio O&M Cost	Total Incremental Adm. & O&M Cost	
2006	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2007	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2008	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2009	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2010	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2011	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2012	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2013	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2014	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2015	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2016	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2017	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2018	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2019	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2020	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2021	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2022	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2023	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2024	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0
2025	\$0.00	\$0	11.29%	\$0	\$0	11.29%	\$0	\$0	\$0

Table 5

Gas Costs				
1	2	3	2*3	
Year	Therms	Gas Supply Rate	Gas Supply Cost	
2006	50	0.6136	\$31	
2007	50	\$0.6263	\$31	
2008	50	\$0.6434	\$32	
2009	50	\$0.6588	\$33	
2010	50	\$0.6746	\$34	
2011	50	\$0.6908	\$35	
2012	50	\$0.7074	\$35	
2013	50	\$0.7244	\$36	
2014	50	\$0.7416	\$37	
2015	50	\$0.7596	\$38	
2016	50	\$0.7778	\$39	
2017	50	\$0.7965	\$40	
2018	50	\$0.8156	\$41	
2019	50	\$0.8351	\$42	
2020	50	\$0.8552	\$43	
2021	50	\$0.8757	\$44	
2022	50	\$0.8967	\$45	
2023	50	\$0.9183	\$46	
2024	50	\$0.9403	\$47	
2025	50	\$0.9629	\$48	

Exhibit A

**St. Joe Natural Gas Company
Energy Conservation Program Petition
April, 2007**

**Residential Appliance Retention Program
RIM Test and Participants Test Results**

For

Cooking Appliances

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
Participants Test - Cost Effective Results

Appliance Type
Cooking

Year	Year Number	Benefits				Costs							
		Avoided Electric KWH Cost	Gas Rebate	Avoided Electric Appliance O&M	TOTAL BENEFITS	Gas Equipment Cost	Electric Equipment & Installation Cost	Gas Installation Cost	Gas Appliance O & M	Gas Supply Cost	Gas Energy Charge	Gas Customer Charge	TOTAL COSTS
		Table 1								Table 2	Table 3	Table 4	
		3	4	5	3 thru 6	7	8	9	10	11	12	13	7 thru 13
2005	1	\$147	\$100	\$36	\$283	\$449	(\$574)	\$200	\$36	\$30	\$22	\$12	\$176
2006	2	\$149	0	\$37	\$186	0	0	0	\$37	\$31	\$22	\$12	\$102
2007	3	\$151	0	\$38	\$189	0	0	0	\$38	\$32	\$22	\$12	\$104
2008	4	\$153	0	\$39	\$191	0	0	0	\$39	\$33	\$22	\$12	\$106
2009	5	\$155	0	\$40	\$194	0	0	0	\$40	\$33	\$22	\$12	\$107
2010	6	\$157	0	\$41	\$197	0	0	0	\$41	\$34	\$22	\$12	\$109
2011	7	\$159	0	\$42	\$200	0	0	0	\$42	\$35	\$22	\$12	\$111
2012	8	\$161	0	\$43	\$203	0	0	0	\$43	\$36	\$22	\$12	\$113
2013	9	\$163	0	\$44	\$206	0	0	0	\$44	\$37	\$22	\$12	\$115
2014	10	\$165	0	\$45	\$209	0	0	0	\$45	\$38	\$22	\$12	\$117
2015	11	\$166	0	\$46	\$212	0	0	0	\$46	\$39	\$22	\$12	\$119
2016	12	\$168	0	\$47	\$215	0	0	0	\$47	\$39	\$22	\$12	\$121
2017	13	\$170	0	\$48	\$218	0	0	0	\$48	\$40	\$22	\$12	\$123
2018	14	\$172	100	\$49	\$321	626	(800)	279	\$49	\$41	\$22	\$12	\$229
2019	15	\$174	0	\$50	\$224	0	0	0	\$50	\$42	\$22	\$12	\$127
2020	16	\$176	0	\$51	\$228	0	0	0	\$51	\$43	\$22	\$12	\$129
2021	17	\$178	0	\$53	\$231	0	0	0	\$53	\$44	\$22	\$12	\$131
2022	18	\$180	0	\$54	\$234	0	0	0	\$54	\$45	\$22	\$12	\$134
2023	19	\$182	0	\$55	\$237	0	0	0	\$55	\$47	\$22	\$12	\$136
2024	20	\$184	0	\$56	\$240	0	0	0	\$56	\$48	\$22	\$12	\$139

Present Value
of Benefits **\$2,126**

Present Value
of Costs **\$1,220**

Benefit/Cost Ratio	1.74
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St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
Participants Test - Data

Appliance Type
Cooking

Escalation Rates		Elec Base Rates	0.0%
O&M Expenses	2.4%	Gas Fuel Rate	2.4%
Electric Fuel Adj	2.4%	Gas Base Rates	0.0%

Electric KWH Cost - Table 1				
Year	Cost Per KWH	Annual KWH	Tax Rate	Electric Cost
A	B	C	D	B*C*(1+D)
2006	\$0.1020	1,310	10.00%	\$147
2007	\$0.1034	1,310	10.00%	\$149
2008	\$0.1047	1,310	10.00%	\$151
2009	\$0.1061	1,310	10.00%	\$153
2010	\$0.1074	1,310	10.00%	\$155
2011	\$0.1088	1,310	10.00%	\$157
2012	\$0.1101	1,310	10.00%	\$159
2013	\$0.1115	1,310	10.00%	\$161
2014	\$0.1128	1,310	10.00%	\$163
2015	\$0.1142	1,310	10.00%	\$165
2016	\$0.1155	1,310	10.00%	\$166
2017	\$0.1169	1,310	10.00%	\$168
2018	\$0.1182	1,310	10.00%	\$170
2019	\$0.1196	1,310	10.00%	\$172
2020	\$0.1209	1,310	10.00%	\$174
2021	\$0.1223	1,310	10.00%	\$176
2022	\$0.1236	1,310	10.00%	\$178
2023	\$0.1250	1,310	10.00%	\$180
2024	\$0.1263	1,310	10.00%	\$182
2025	\$0.1277	1,310	10.00%	\$184

Gas Supply Cost - Table 2				
Year	Cost Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.6136	45	10.00%	\$30
2007	\$0.6283	45	10.00%	\$31
2008	\$0.6434	45	10.00%	\$32
2009	\$0.6588	45	10.00%	\$33
2010	\$0.6748	45	10.00%	\$33
2011	\$0.6908	45	10.00%	\$34
2012	\$0.7074	45	10.00%	\$35
2013	\$0.7244	45	10.00%	\$36
2014	\$0.7418	45	10.00%	\$37
2015	\$0.7596	45	10.00%	\$38
2016	\$0.7778	45	10.00%	\$39
2017	\$0.7965	45	10.00%	\$39
2018	\$0.8156	45	10.00%	\$40
2019	\$0.8351	45	10.00%	\$41
2020	\$0.8552	45	10.00%	\$42
2021	\$0.8757	45	10.00%	\$43
2022	\$0.8967	45	10.00%	\$44
2023	\$0.9183	45	10.00%	\$45
2024	\$0.9403	45	10.00%	\$47
2025	\$0.9629	45	10.00%	\$48

Gas Energy Charge - Table 3				
Year	Rate Per Therm	Annual Therms	Tax Rate	Gas Cost
A	B	C	D	B*C*(1+D)
2006	\$0.4530	45	10.00%	\$22
2007	\$0.4530	45	10.00%	\$22
2008	\$0.4530	45	10.00%	\$22
2009	\$0.4530	45	10.00%	\$22
2010	\$0.4530	45	10.00%	\$22
2011	\$0.4530	45	10.00%	\$22
2012	\$0.4530	45	10.00%	\$22
2013	\$0.4530	45	10.00%	\$22
2014	\$0.4530	45	10.00%	\$22
2015	\$0.4530	45	10.00%	\$22
2016	\$0.4530	45	10.00%	\$22
2017	\$0.4530	45	10.00%	\$22
2018	\$0.4530	45	10.00%	\$22
2019	\$0.4530	45	10.00%	\$22
2020	\$0.4530	45	10.00%	\$22
2021	\$0.4530	45	10.00%	\$22
2022	\$0.4530	45	10.00%	\$22
2023	\$0.4530	45	10.00%	\$22
2024	\$0.4530	45	10.00%	\$22
2025	\$0.4530	45	10.00%	\$22

Gas Customer Charge - Table 4							
Year	Monthly Customer Charge	Annual Customer Charge	Appliance Annual Therms	Total Annual Therms	Ratio - Appliance to Total	Tax Rate	Pro-Rated Customer Charge
A	B	C	D	E	D/E	G	C*(D/E)*(1+Z)
2006	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2007	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2008	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2009	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2010	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2011	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2012	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2013	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2014	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2015	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2016	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2017	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2018	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2019	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2020	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2021	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2022	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2023	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2024	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12
2025	\$9.00	\$108.00	45	443	10.16%	10.00%	\$12

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
RIM Test - Results

Appliance Type

Cooking

	Incremental Revenue Energy Charge	Incremental Revenue Cost of Gas	Incremental Revenue Cust. Charge	Total Gas Revenue	Gas Supply Cost	Investment Carrying Costs	Incremental Customer Costs	Program Cost	Total Costs
	Table 1	Table 1A	Table 2		Table 5	Table 3	Table 4		
1	2	3	4	2 thru 4	6	7	8	9	6 thru 9
2002	\$20	\$28	\$11	\$59	\$28	\$0	\$0	\$100.00	\$128
2003	\$20	\$28	\$11	\$60	\$28	\$0	\$0	\$0.00	\$28
2004	\$20	\$29	\$11	\$60	\$29	\$0	\$0	\$0.00	\$29
2005	\$20	\$30	\$11	\$61	\$30	\$0	\$0	\$0.00	\$30
2006	\$20	\$30	\$11	\$62	\$30	\$0	\$0	\$0.00	\$30
2007	\$20	\$31	\$11	\$62	\$31	\$0	\$0	\$0.00	\$31
2008	\$20	\$32	\$11	\$63	\$32	\$0	\$0	\$0.00	\$32
2009	\$20	\$33	\$11	\$64	\$33	\$0	\$0	\$0.00	\$33
2010	\$20	\$33	\$11	\$65	\$33	\$0	\$0	\$0.00	\$33
2011	\$20	\$34	\$11	\$66	\$34	\$0	\$0	\$0.00	\$34
2012	\$20	\$35	\$11	\$66	\$35	\$0	\$0	\$0.00	\$35
2013	\$20	\$36	\$11	\$67	\$36	\$0	\$0	\$0.00	\$36
2014	\$20	\$37	\$11	\$68	\$37	\$0	\$0	\$0.00	\$37
2015	\$20	\$38	\$11	\$69	\$38	\$0	\$0	\$100.00	\$138
2016	\$20	\$38	\$11	\$70	\$38	\$0	\$0	\$0.00	\$38
2017	\$20	\$39	\$11	\$71	\$39	\$0	\$0	\$0.00	\$39
2018	\$20	\$40	\$11	\$72	\$40	\$0	\$0	\$0.00	\$40
2019	\$20	\$41	\$11	\$73	\$41	\$0	\$0	\$0.00	\$41
2020	\$20	\$42	\$11	\$74	\$42	\$0	\$0	\$0.00	\$42
2021	\$20	\$43	\$11	\$75	\$43	\$0	\$0	\$0.00	\$43

Present Value
of Benefits

\$631

Present Value
of Costs

\$450

Benefit/Cost
Ratio

1.40

St. Joe Natural Gas Company - Energy Conservation Filing 2007
Residential Appliance Retention Program
RIM Test - Calculated Data

Appliance Type
Cooking

Fuel Rate Escalator	2.4%	Depreciation Rate - Supply Main	3.30%
Gas Energy Charge Escalator	0%	Depreciation Rate - Development Main	3.30%
Gas Customer Charge Escalator	0%	Depreciation Rate - Service Line	3.50%
O&M Escalator	2.4%	Depreciation Rate - Meter	4.10%

Table 1

Revenue - Energy Charge				
1	2	3	2*3	
Year	Therms	Base Rate	Total Charge	
2006	45	\$0.4530	\$20	
2007	45	\$0.4530	\$20	
2008	45	\$0.4530	\$20	
2009	45	\$0.4530	\$20	
2010	45	\$0.4530	\$20	
2011	45	\$0.4530	\$20	
2012	45	\$0.4530	\$20	
2013	45	\$0.4530	\$20	
2014	45	\$0.4530	\$20	
2015	45	\$0.4530	\$20	
2016	45	\$0.4530	\$20	
2017	45	\$0.4530	\$20	
2018	45	\$0.4530	\$20	
2019	45	\$0.4530	\$20	
2020	45	\$0.4530	\$20	
2021	45	\$0.4530	\$20	
2022	45	\$0.4530	\$20	
2023	45	\$0.4530	\$20	
2024	45	\$0.4530	\$20	
2025	45	\$0.4530	\$20	

Table 1a

Revenue - Cost of Gas				
1	2	4	2*3	
Year	Therms	Fuel Rate	Total Charge	
2006	45	\$0.6136	\$28	
2007	45	\$0.6283	\$28	
2008	45	\$0.6434	\$29	
2009	45	\$0.6588	\$30	
2010	45	\$0.6746	\$30	
2011	45	\$0.6908	\$31	
2012	45	\$0.7074	\$32	
2013	45	\$0.7244	\$33	
2014	45	\$0.7418	\$33	
2015	45	\$0.7596	\$34	
2016	45	\$0.7778	\$35	
2017	45	\$0.7965	\$36	
2018	45	\$0.8156	\$37	
2019	45	\$0.8351	\$38	
2020	45	\$0.8552	\$38	
2021	45	\$0.8757	\$39	
2022	45	\$0.8967	\$40	
2023	45	\$0.9183	\$41	
2024	45	\$0.9403	\$42	
2025	45	\$0.9629	\$43	

Table 2

Revenue - Customer Charge				
1	2	3	4	4*3
Year	Monthly Customer Charge	Annual Customer Charge	Ratio Therms To Total Consumed	Prorated Annual Customer Charge
2006	\$9.00	\$108.00	10.16%	\$11
2007	\$9.00	\$108.00	10.16%	\$11
2008	\$9.00	\$108.00	10.16%	\$11
2009	\$9.00	\$108.00	10.16%	\$11
2010	\$9.00	\$108.00	10.16%	\$11
2011	\$9.00	\$108.00	10.16%	\$11
2012	\$9.00	\$108.00	10.16%	\$11
2013	\$9.00	\$108.00	10.16%	\$11
2014	\$9.00	\$108.00	10.16%	\$11
2015	\$9.00	\$108.00	10.16%	\$11
2016	\$9.00	\$108.00	10.16%	\$11
2017	\$9.00	\$108.00	10.16%	\$11
2018	\$9.00	\$108.00	10.16%	\$11
2019	\$9.00	\$108.00	10.16%	\$11
2020	\$9.00	\$108.00	10.16%	\$11
2021	\$9.00	\$108.00	10.16%	\$11
2022	\$9.00	\$108.00	10.16%	\$11
2023	\$9.00	\$108.00	10.16%	\$11
2024	\$9.00	\$108.00	10.16%	\$11
2025	\$9.00	\$108.00	10.16%	\$11

Table 3

Investment Carrying Costs								
1	2	3	4	5	6	7	8	5*7*8
Year	Supply Main	Development Main	Service Line	Meter	Total Investment	Cost of Debt	Ratio of Therms Consumed To Total	Investment Carrying Cost
2006	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2007	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2008	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2009	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2010	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2011	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2012	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2013	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2014	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2015	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2016	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2017	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2018	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2019	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2020	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2021	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2022	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2023	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2024	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0
2025	\$0	\$0	\$0	\$0	\$0	5.96%	10.16%	\$0

Table 4

Incremental Customer Costs									
1	2	3	4	5=3*4	6	7	8=6*7	9=8	
Year	Monthly Adm. Cost	Annual Adm. Cost	Ratio Therms To Total Consumed	Annual Ratio Adm. Cost	Annual O&M Cost	Ratio Therms To Total Consumed	Annual Ratio O&M Cost	Total Incremental Adm. & O&M Cost	
2006	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2007	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2008	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2009	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2010	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2011	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2012	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2013	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2014	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2015	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2016	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2017	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2018	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2019	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2020	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2021	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2022	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2023	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2024	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	
2025	\$0.00	\$0	10.16%	\$0	\$0	10.16%	\$0	\$0	

Table 5

Gas Costs			
1	2	3	2*3
Year	Therms	Gas Supply Rate	Gas Supply Cost
2006	45	0.6136	\$28
2007	45	\$0.6283	\$28
2008	45	\$0.6434	\$29
2009	45	\$0.6588	\$30
2010	45	\$0.6746	\$30
2011	45	\$0.6908	\$31
2012	45	\$0.7074	\$32
2013	45	\$0.7244	\$33
2014	45	\$0.7418	\$33
2015	45	\$0.7596	\$34
2016	45	\$0.7778	\$35
2017	45	\$0.7965	\$36
2018	45	\$0.8156	\$37
2019	45	\$0.8351	\$38
2020	45	\$0.8552	\$38
2021	45	\$0.8757	\$39
2022	45	\$0.8967	\$40
2023	45	\$0.9183	\$41
2024	45	\$0.9403	\$42
2025	45	\$0.9629	\$43