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MEMORANDUM

By E-mail

TO: Frank Gorke

Michael Sherman Steven Venezia, Esq.

Paul Horowitz Jeff Schlegel

CC: Program Administrators

FROM: Emmett Lyne, Esq.

DATE: July 28, 2009

RE: Bill Impact Analyses; Miscellaneous Follow-Up to July 16th Gas and

Electric Plans

Introduction

Frank – As a follow-up to the Program Administrators' July 16, 2009 filing of the updated Massachusetts Joint Statewide Three-Year Electric Energy Efficiency Plan (the "Electric Plan") and the updated Massachusetts Joint Statewide Three-Year Gas Energy Efficiency Plan (the "Gas Plan," together with the Electric Plan, the "Plans"), I am pleased to provide the following supplemental information. Please do not hesitate to contact me or any representative of the Program Administrators with any questions or comments on this information. We look forward to seeing you tomorrow and appreciate your efforts and the efforts of all Councilors and the Consultant team with respect to the Plans.

Supplemental Rate and Bill Impact Analysis

Attached please find sample rate and bill impact analyses for the two illustrative Program Administrators listed on Attachment A. As expressly contemplated in the Plans, these analyses are filed as supplements to the July 16th Plan filings. See Electric Plan at page 117 and Gas Plan at page 94. These illustrative rate and bill impact analyses are for residential, low-income, small C&I and large C&I customers utilizing applicable actual

PA-specific savings goals and budgets reflected within the Plans. The Program Administrators note that the D.P.U. 08-50 Rule and Bill Impact Working Group did not finalize all core elements of the analytic model reflected in the attached spreadsheets until very recently and work on bill impact matters will continue as the Program Administrators continue their work on PA-specific Plans, to be filed on or before October 31, 2009. More specifically, in order to allow for proper education on the application of the model, and adequate quality checking, the Working Group determined that this use of supplemental filings with PA-specific analyses would be appropriate with respect to the Plans. As all Program Administrators finish their analyses, they will be provided to the Council in a follow-up supplemental filing.

The Program Administrators emphasize that the actual rate and bill impact that will be realized by a customer will depend on several variables, including the cost of service in a particular Program Administrator's service territory, the customer's actual individual usage, the level and quality of measure installation, and the availability of public or private funds other than those collected through the SBC for application towards energy efficiency expenditures, such as those proceeds realized from the forward capacity market or from cap-and-trade programs (e.g., the RGGI). The Program Administrators will continue to work with the Council and its Consultants in analyzing rate and bill impacts consistent with the requirements set forth in the Department's Order in D.P.U. 08-50-A, not only for the statewide Plan, but more particularly for the PAspecific plans to be filed in October. Each individual Program Administrator will include a detailed, PA-specific rate and bill impact analysis in its October filing.

Miscellaneous Follow-Up Matters on July 16th Plans

Following up on initial informal comments and questions on the July 16th filings, the Program Administrators note the following:

• Gas Plan Integration Matters. In response to a comment from the Consultant team based on the fact that the Gas Plan does not include a separate C&I program design "road map" appendix, the gas Program Administrators, for the avoidance of doubt, confirm that they are as equally committed to integration as the electric Program Administrators and have included a comprehensive shared chapter on integration in the gas Plan that mirrors the electric Plan, specifically including the same integration milestones as in the electric Plan (see Gas Plan at pages 51-52). These Milestones specifically include target delivery dates for integrated programs on January 1, 2010. Further, the gas Program Administrators included an express cross-reference to the electric road map in this chapter (see Gas Plan at pages 45-46) and noted that: "In short, this road map will enable Program Administrators to provide the level of overall management and technical support needed to facilitate a smooth implementation and installation process for the customer from initial project identification through installation completion, and finally during verification and inspection. These services will help customers overcome individual barriers and ensure that measure installations are completed in a manner that minimizes administrative and paperwork burdens." (Emphasis added.) To be more clear and for the avoidance of doubt, the Gas Program Administrators support and adopt the efforts and the specific target dates for integration set forth in the electric C&I road maps (Appendix E of the electric Plan), not just the portions of the road maps addressing the large C&I retrofit effort. Indeed, as noted at page 48 of the Gas Plan: "the gas and electric Program administrators commit to coordinate and integrate their activities and pool their knowledge and expertise so that customers enjoy a seamless experience." To put a point on that statement, as noted on page 42 (and elsewhere) in the Gas Plan, that means providing "fuel blind recommendations" and "one convenient systems selection process" for C&I customers. See also page p. 50 of the Gas Plan: the Program Administrators' goal is "to provide a consistent set of statewide programs and strategies that can be delivered to customers in an integrated fashion that ensures seamless service, regardless of whether the customer is served by a combined gas/electric utility, municipal aggregator, by different gas and electric utilities, or has facilities or projects in multiple Program Administrator service areas."

The Program Administrators know that effort remains to optimize integration strategies for gas and electric efforts and are committed to continuing to work collaboratively with each other, the Council and the consulting team to complete these efforts consistent with all target dates set forth in the electric road maps. To be clear, the gas Program Administrators support all those target dates and the goals set forth in the electric road maps and understand and agree that the C&I program designs in the July 16 filing (as with the electric designs) will evolve as integration work is finalized. We hope this note helps clarify the Program Administrators' firm commitment to integration and support of the electric roadmaps.

• <u>LEAN Fees</u>. In response to a question from LEAN, the gas Program Administrators confirm that they propose to continue the current LEAN fee structure (2% of applicable low-income program budgets) during the three-year term of the Gas Plan. In compiling budget tables, certain Program Administrators included such fees as a separate line item, while others rolled such fees into the general "Program Planning and Administration Category." For clarification and avoidance of doubt, the gas Program Administrators are proposing to continue the current LEAN fee structure during the three-year term of the gas Plans and such fees are reflected in the overall statewide low-income budgets.

Thanks again for all of your efforts. Please do not hesitate to contact us with any questions.

 $\verb|\datastore| rmdata| Clients| GasNetworks, Inc| Cover Memo re Supplemental Filings. document of the content of the content$

ATTACHMENT A

Attached please find Rate and Bill Impact Analyses for the following companies:

- NSTAR Electric Company
- Bay State Gas Company

NSTAR ELECTRIC COMPANY

NSTAR Electric
Bill Impacts - Non-Participant vs. Participant & Non-Participant vs. Average

| | | Current F | unc | ling Sources | C | ase | |
|---------------------------------|---------------------------------|---------------|-----|--------------|----|-----------|----------------------|
| 2010 | Monthly Consumption (kWh) | Total | | Supply | | Delivery | istomer harge |
| Electric Rate (\$/kWh) | | \$ 0.20042 | \$ | 0.12572 | \$ | 0.07470 | |
| Non-Participant | 1,500 | \$ 312.72 | \$ | 188.58 | \$ | 112.05 | \$ 12.09 |
| Participant | 1,341 | \$ 280.86 | \$ | 168.59 | \$ | 100.18 | \$ 12.09 |
| In Units (vs. Non-Participants) | (159) | (\$31.87) | | (\$19.99) | | (\$11.88) | |
| In % (vs. Non-Participants) | -10.60% | -10.19% | | -10.60% | | -10.60% | |

| | | Curre | ent | Funding Cas | е | | |
|---------------------------------|---------------------------------|---------------|-----|-------------|----|-----------|-----------------------|
| 2011 | Monthly Consumption (kWh) | Total | | Supply | | Delivery | ustomer Charge |
| Electric Rate (\$/kWh) | | \$ 0.19594 | \$ | 0.12110 | \$ | 0.07484 | |
| Non-Participant | 1,500 | \$ 306.00 | \$ | 181.65 | \$ | 112.26 | \$ 12.09 |
| Participant | 1,341 | \$ 274.84 | \$ | 162.39 | \$ | 100.36 | \$ 12.09 |
| In Units (vs. Non-Participants) | (159) | (\$31.15) | | (\$19.25) | | (\$11.90) | |
| In % (vs. Non-Participants) | -10.60% | -10.18% | | -10.60% | | -10.60% | |

| | | Curre | ent | Funding Cas | e | | |
|---------------------------------|---------------------------------|---------------|-----|-------------|----|-----------|-----------------------|
| 2012 | Monthly Consumption (kWh) | Total | | Supply | | Delivery | istomer Charge |
| Electric Rate (\$/kWh) | | \$ 0.19789 | \$ | 0.12295 | \$ | 0.07494 | |
| Non-Participant | 1,500 | \$ 308.92 | \$ | 184.42 | \$ | 112.40 | \$ 12.09 |
| Participant | 1,341 | \$ 277.45 | \$ | 164.87 | \$ | 100.49 | \$ 12.09 |
| In Units (vs. Non-Participants) | (159) | (\$31.46) | | (\$19.55) | | (\$11.91) | |
| In % (vs. Non-Participants) | -10.60% | -10.19% | | -10.60% | | -10.60% | |

| | E) | par | ided Fund | ing | (Proposed | ΙEΙ | ERF) Case | |
|---------------------------------|---------------------------------|-----|-----------|-----|-----------|-----|-----------|-----------------------|
| 2010 | Monthly Consumption (kWh) | | Total | | Supply | | Delivery | ıstomer Charge |
| Electric Rate (\$/kWh) | | \$ | 0.20100 | \$ | 0.12565 | \$ | 0.07535 | |
| Non-Participant | 1,500 | \$ | 313.58 | \$ | 188.47 | \$ | 113.03 | \$ 12.09 |
| Participant | 1,304 | \$ | 274.09 | \$ | 163.78 | \$ | 98.22 | \$ 12.09 |
| In Units (vs. Non-Participants) | (197) | | (\$39.50) | | (\$24.69) | | (\$14.81) | |
| In % (vs. Non-Participants) | -13.10% | | -12.59% | | -13.10% | | -13.10% | |

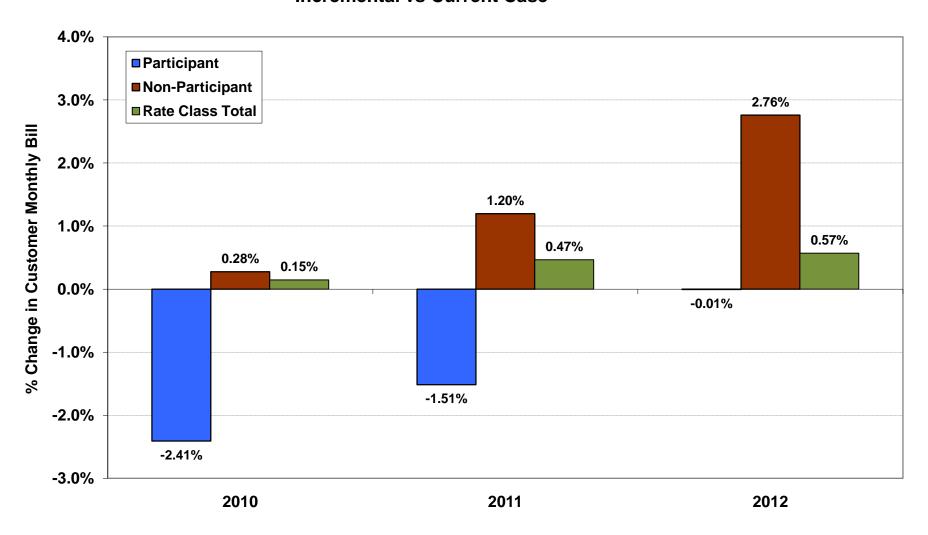
| | | In | cremental | (Pr | oposed EE | RF |) Case | |
|---------------------------------|---------------------------------|----|-----------|-----|-----------|----|-----------|-----------------------|
| 2011 | Monthly Consumption (kWh) | | Total | | Supply | | Delivery | ustomer Charge |
| Electric Rate (\$/kWh) | | \$ | 0.19838 | \$ | 0.12069 | \$ | 0.07769 | |
| Non-Participant | 1,500 | \$ | 309.66 | \$ | 181.04 | \$ | 116.53 | \$ 12.09 |
| Participant | 1,304 | \$ | 270.68 | \$ | 157.32 | \$ | 101.27 | \$ 12.09 |
| In Units (vs. Non-Participants) | (197) | | (\$38.98) | | (\$23.72) | | (\$15.27) | |
| In % (vs. Non-Participants) | -13.10% | | -12.59% | | -13.10% | | -13.10% | |

| | | Inc | cremental | (Pr | oposed EE | RF |) Case | |
|---------------------------------|---------------------------------|-----|-----------|-----|-----------|----|-----------|-----------------------|
| 2012 | Monthly Consumption (kWh) | | Total | | Supply | | Delivery | ustomer Charge |
| Electric Rate (\$/kWh) | | \$ | 0.20357 | \$ | 0.12177 | \$ | 0.08180 | |
| Non-Participant | 1,500 | \$ | 317.44 | \$ | 182.65 | \$ | 122.70 | \$ 12.09 |
| Participant | 1,304 | \$ | 277.44 | \$ | 158.73 | \$ | 106.62 | \$ 12.09 |
| In Units (vs. Non-Participants) | (197) | | (\$40.00) | | (\$23.93) | | (\$16.07) | |
| In % (vs. Non-Participants) | -13.10% | | -12.60% | | -13.10% | | -13.10% | |

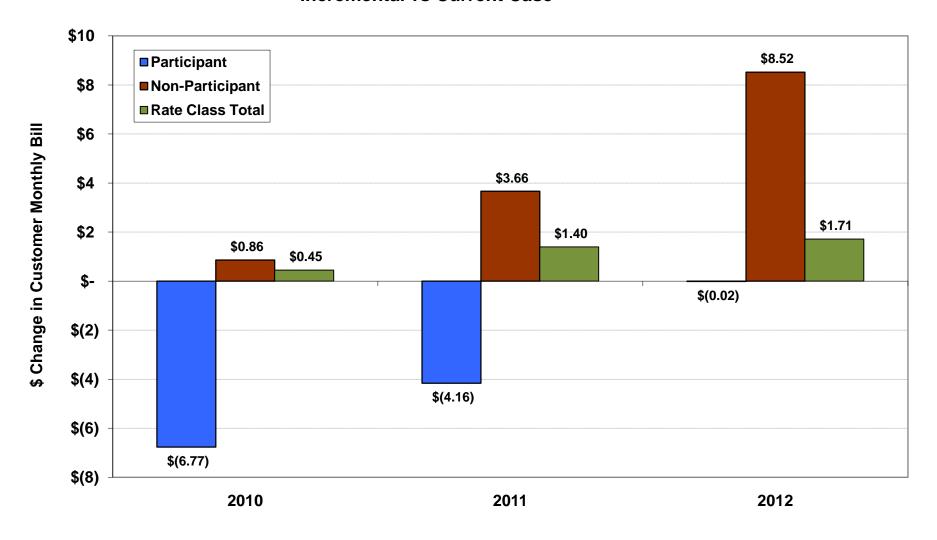
| | | ВІ | ECO C&I (G | 31) - PARTI | ICIPANT | | | | | | | BEC | O C&I (G1) | - NON-PA | RTICIPANT | | | | |
|--|---------------------------------------|--------------------------------------|---------------------------------|--|--------------------------------------|----------------------------|--|--------------------------------------|---------------------------------|--|---------------------------------------|--------------------------------------|---------------------------------|--|--------------------------------------|----------------------------|--|--------------------------------------|---------------------------------|
| | | otal Rates and Bill | s | Sı | upply Rates and Bil | | | livery Rates and Bi | | | | otal Rates and Bill | S | Sı | upply Rates and Bi | | | ivery Rates and Bi | |
| 2010 | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill | 2010 | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| Current Funding Case | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | Current Funding Case | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ |
| Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.20042 | 1,341 | \$12.09 \$268.77 \$280.86 | \$0.12572 | 1,341 | \$168.59 \$168.59 | \$0.07470 | 1,341 | \$12.09 \$100.18 \$112.27 | Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.20042 | 1,500 | \$12.09 \$300.63 \$312.72 | \$0.12572 | 1,500 | \$188.58 \$188.58 | \$0.07470 | 1,500 | \$12.09 \$112.05 \$124.14 |
| Incremental Case (Proposed) | | | | | | | | | | Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.20100 | 1,304 | \$12.09 \$262.00 \$274.09 | \$0.12565 | 1,304 | \$163.78 \$163.78 | \$0.07535 | 1,304 | \$12.09 \$98.22 \$110.31 | Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.20100 | 1,500 | \$12.09 \$301.49 \$313.58 | \$0.12565 | 1,500 | \$188.47 \$188.47 | \$0.07535 | 1,500 | \$12.09 \$113.03 \$125.12 |
| Differences | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Differences | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| In Units % | \$0.00058 0.29% | (38) -2.80% | (\$6.77) -2.41% | (\$0.00007) -0.06% | (38) -2.80% | (\$4.81) -2.85% | \$0.00065 0.87% | (38) -2.80% | (\$1.96) -1.74% | In Units % | \$0.00058 0.29% | 0 0.00% | \$0.86 0.28% | (\$0.00007) -0.06% | 0 0.00% | (\$0.11) -0.06% | \$0.00065 0.87% | 0 0.00% | \$0.97 0.78% |
| | | BE | CO C&I (G1 |) - PARTIC | CIPANT | | | | | | | BEC | O C&I (G1) | - NON-PA | RTICIPANT | | | | |
| | | otal Rates and Bill | s | Sı | upply Rates and Bil | | | livery Rates and Bi | | | | otal Rates and Bill | S | Sı | upply Rates and Bi | | | ivery Rates and Bi | |
| 2011 | Total Electric Rate (\$/kWh) | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill | Delivery Electric Rate (\$/kWh) | Monthly Energy Consumption | Average Monthly Bill | 2011 | Total Electric Rate (\$/kWh) | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate (\$/kWh) | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill |
| Current Funding Case | (\$/KVVN) | KVVN | 3 | (\$/KVVII) | KVVN | 3 | (\$/KVVII) | KVVN | \$ | Current Funding Case | (\$/KVVII) | KVVN | 3 | (\$/KVVN) | KVVN | 3 | (\$/KVVN) | KVVN | \$ |
| Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.19594 | 1,341 | \$12.09 \$262.75 \$274.84 | \$0.12110 | 1,341 | \$162.39 \$162.39 | \$0.07484 | 1,341 | \$12.09 \$100.36 \$112.45 | Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.19594 | 1,500 | \$12.09 \$293.91 \$306.00 | \$0.12110 | 1,500 | \$181.65 \$181.65 | \$0.07484 | 1,500 | \$12.09 \$112.26 \$124.35 |
| Incremental Case (Proposed) | | | | | | | | | | Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.19838 | 1,304 | \$12.09 \$258.59 \$270.68 | \$0.12069 | 1,304 | \$157.32 \$157.32 | \$0.07769 | 1,304 | \$12.09 \$101.27 \$113.36 | Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.19838 | 1,500 | \$12.09 \$297.57 \$309.66 | \$0.12069 | 1,500 | \$181.04 \$181.04 | \$0.07769 | 1,500 | \$12.09 \$116.53 \$128.62 |
| Differences | Total | | Average | Supply | | Average | Delivery | | Average | Differences | Total | | Average | Supply | | Average | Delivery | | Average |
| | Electric Rate | Monthly Energy Consumption | Monthly Bill | Electric Rate | Monthly Energy Consumption | Monthly Bill | Electric Rate | Monthly Energy Consumption | Monthly Bill | | Electric Rate | Monthly Energy Consumption | Monthly Bill | Electric Rate | Monthly Energy Consumption | Monthly Bill | Electric Rate | Monthly Energy Consumption | Monthly Bill |
| In Units % | \$0.00244 1.25% | (38) | (\$4.16) -1.51% | (\$0.00041) -0.34% | (38) -2.80% | (\$5.07) -3.12% | \$0.00285 3.81% | (38) -2.80% | \$0.91 0.81% | In Units % | \$0.00244 1.25% | 0 0.00% | \$3.66 1.20% | (\$0.00041) -0.34% | 0 0.00% | (\$0.61) -0.34% | \$0.00285 3.81% | 0 0.00% | \$4.27 3.44% |
| | | | CO C&I (G1 |) - PARTIC | | | | | | | | | O C&I (G1) | | RTICIPANT | | | | |
| | | otal Rates and Bill | | | upply Rates and Bil | | | livery Rates and Bi | | | | otal Rates and Bill | \$ | | upply Rates and Bi | | | ivery Rates and Bi | |
| 2012 | Total Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill | Supply Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill | Delivery Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill | 2012 | Total Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill | Supply Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill | Delivery Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill |
| Current Funding Case | (WINTER) | KVVII | - | (4/1/4/11) | KVVII | Ψ | (ψεινντι) | KVIII | Ψ | Current Funding Case | (ψ/ΚΨΨΤΙ) | KVIII | Ÿ | (4/1/1/1/) | KVVII | Ÿ | (Ψ/ΚΨΥΠ) | KVVII | |
| Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.19789 | 1,341 | \$12.09 \$265.36 \$277.45 | \$0.12295 | 1,341 | \$164.87 \$164.87 | \$0.07494 | 1,341 | \$12.09 \$100.49 \$112.58 | Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.19789 | 1,500 | \$12.09 \$296.83 \$308.92 | \$0.12295 | 1,500 | \$184.42 \$184.42 | \$0.07494 | 1,500 | \$12.09 \$112.40 \$124.49 |
| Incremental Case (Proposed) | | | | | | | | | | Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.20357 | 1,304 | \$12.09 \$265.35 \$277.44 | \$0.12177 | 1,304 | \$158.73 \$158.73 | \$0.08180 | 1,304 | \$12.09 \$106.62 \$118.71 | Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.20357 | 1,500 | \$12.09 \$305.35 \$317.44 | \$0.12177 | 1,500 | \$182.65 \$182.65 | \$0.08180 | 1,500 | \$12.09 \$122.70 \$134.79 |
| Differences | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Differences | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| In Units % | \$0.00568 2.87% | (38) -2.80% | (\$0.02) -0.01% | (\$0.00118) -0.96% | (38) -2.80% | (\$6.15) -3.73% | \$0.00686 9.16% | (38) -2.80% | \$6.13 5.45% | In Units % | \$0.00568 2.87% | 0 0.00% | \$8.52 2.76% | (\$0.00118) -0.96% | 0 0.00% | (\$1.77) -0.96% | \$0.00686 9.16% | 0 0.00% | \$10.29 8.27% |
| | | BE | CO C&I (G1 |) - PARTIC | CIPANT | | | | | | | BEC | O C&I (G1) | - NON-PA | RTICIPANT | | | | |
| | | | | | | | | | | | | | | | | | | | |

| | | | BECO C&I (| 31) - RATE C | LASS TOTAL | | | | |
|--|---|--------------------------------------|-------------------------|-------------------------------------|--------------------------------------|-------------------------------|--|--------------------------------------|-------------------------|
| L | | otal Rates and Re | | | ply Rates and Rev | enues | | livery Rates and R | evenues |
| 2010 | Total Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill | Supply Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill | Delivery Electric Rate (\$/kWh) | Monthly Energy Consumption | Average Monthly Bill |
| Current Funding Case | (\$/(\$********************************** | RVIII | 9 | (W/KVVII) | RVVII | Ψ | (WKVVII) | RVIII | • |
| Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.20042 | 1,484 | \$12 \$297 \$310 | \$0.12572 | 1,484 | \$187 \$187 | \$0.07470 | 1,484 | \$12 \$111 \$123 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.20100 | 1,482 | \$12 \$298 \$310 | \$0.12565 | 1,482 | \$186 \$186 | \$0.07535 | 1,482 | \$12 \$112 \$124 |
| Differences | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| In Units % | \$0.00058 0.29% | (<mark>2)</mark> -0.14% | \$0 0.15% | (\$0.00007) -0.06% | (<mark>2)</mark> -0.14% | (<mark>\$0)</mark> -0.19% | \$0.00065 0.87% | (<mark>2)</mark> -0.14% | \$1 0.66% |
| | | | | | LASS TOTAL | | | | |
| - | Total | otal Rates and Re | venues | Sup | ply Rates and Rev | enues | Delivery | livery Rates and R | evenues |
| 2011 | Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill | Supply Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill | Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill |
| Current Funding Case | (WKYYII) | KVVII | | (\$/KVII) | RVVII | Ψ | (\$/((********************************** | KVVII | • |
| Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.19594 | 1,469 | \$12 \$288 \$300 | \$0.12110 | 1,469 | \$178 \$178 | \$0.07484 | 1,469 | \$12 \$110 \$122 |
| Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric & Demand Component | \$0.19838 | 1,458 | \$12 \$289 | \$0.12069 | 1,458 | \$176 | \$0.07769 | 1,458 | \$12 \$113 |
| Total | *********** | 1,100 | \$301 | ***** | 1,100 | \$176 | | 1,100 | \$125 |
| Differences | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| In Units % | \$0.00244 1.25% | <mark>(11)</mark> -0.75% | \$1 0.47% | (\$0.00041) -0.34% | (11) -0.75% | (\$2) -1.09% | \$0.00285 3.81% | (11) -0.75% | \$3 2.73% |
| | | | | | LASS TOTAL | | _ | | |
| 2012 | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| Current Funding Case | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ |
| Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.19789 | 1,455 | \$12 \$288 \$300 | \$0.12295 | 1,455 | \$179 \$179 | \$0.07494 | 1,455 | \$12 \$109 \$121 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.20357 | 1,423 | \$12 \$290 \$302 | \$0.12177 | 1,423 | \$173 \$173 | \$0.08180 | 1,423 | \$12 \$116 \$128 |
| Differences | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| In Units | \$0.00568 2.87% | (<mark>32)</mark> -2,21% | \$2 0.57% | (\$0.00118) -0.96% | (<mark>32)</mark> -2,21% | (<mark>\$6)</mark> -3.15% | \$0.00686 9.16% | (<mark>32)</mark> -2.21% | \$7 6.07% |

NSTAR BECO C&I (G1) Customer Bill Impacts



NSTAR BECO C&I (G1) Customer Bill Impacts



NSTAR Electric
Bill Impacts - Non-Participant vs. Participant & Non-Participant vs. Average

| | | Current F | unc | ding Sources | C | ase | |
|---------------------------------|---------------------------------|-----------------|-----|--------------|----|------------|-------------------|
| 2010 | Monthly Consumption (kWh) | Total | | Supply | | Delivery | ustomer Charge |
| Electric Rate (\$/kWh) | | \$ 0.15241 | \$ | 0.10479 | \$ | 0.04762 | |
| Non-Participant | 570,000 | \$ 87,113.48 | \$ | 59,732.77 | \$ | 27,143.64 | \$ 237.07 |
| Participant | 549,480 | \$ 83,985.93 | \$ | 57,582.39 | \$ | 26,166.47 | \$ 237.07 |
| In Units (vs. Non-Participants) | (20,520) | (\$3,127.55) | | (\$2,150.38) | | (\$977.17) | |
| In % (vs. Non-Participants) | -3.60% | -3.59% | | -3.60% | | -3.60% | |

| | | Curre | ent | Funding Cas | e | | |
|---------------------------------|---------------------------------|-----------------|-----|--------------|----|--------------|-------------------|
| 2011 | Monthly Consumption (kWh) | Total | | Supply | | Delivery | ustomer Charge |
| Electric Rate (\$/kWh) | | \$ 0.14876 | \$ | 0.10083 | \$ | 0.04792 | |
| Non-Participant | 570,000 | \$ 85,028.26 | \$ | 57,474.64 | \$ | 27,316.55 | \$ 237.07 |
| Participant | 528,960 | \$ 78,923.29 | \$ | 53,336.47 | \$ | 25,349.76 | \$ 237.07 |
| In Units (vs. Non-Participants) | (41,040) | (\$6,104.97) | | (\$4,138.17) | | (\$1,966.79) | |
| In % (vs. Non-Participants) | -7.20% | -7.18% | | -7.20% | | -7.20% | |

| | | Curre | nt | Funding Cas | e | | |
|---------------------------------|---------------------------------|-----------------|----|--------------|----|--------------|-------------------|
| 2012 | Monthly Consumption (kWh) | Total | | Supply | | Delivery | ustomer Charge |
| Electric Rate (\$/kWh) | | \$ 0.15050 | \$ | 0.10232 | \$ | 0.04817 | |
| Non-Participant | 570,000 | \$ 86,020.97 | \$ | 58,324.35 | \$ | 27,459.55 | \$ 237.07 |
| Participant | 508,440 | \$ 76,756.31 | \$ | 52,025.32 | \$ | 24,493.92 | \$ 237.07 |
| In Units (vs. Non-Participants) | (61,560) | (\$9,264.66) | | (\$6,299.03) | | (\$2,965.63) | |
| In % (vs. Non-Participants) | -10.80% | -10.77% | | -10.80% | | -10.80% | |

| | Ex | cpai | nded Fund | ing | (Proposed | E | ERF) Case | |
|---------------------------------|---------------------------------|------|--------------|-----|--------------|----|--------------|-------------------|
| 2010 | Monthly Consumption (kWh) | | Total | | Supply | | Delivery | ustomer Charge |
| Electric Rate (\$/kWh) | | \$ | 0.15301 | \$ | 0.10472 | \$ | 0.04829 | |
| Non-Participant | 570,000 | \$ | 87,451.94 | \$ | 59,689.72 | \$ | 27,525.15 | \$ 237.07 |
| Participant | 547,200 | \$ | 83,963.35 | \$ | 57,302.13 | \$ | 26,424.14 | \$ 237.07 |
| In Units (vs. Non-Participants) | (22,800) | | (\$3,488.59) | | (\$2,387.59) | | (\$1,101.01) | |
| In % (vs. Non-Participants) | -4.00% | | -3.99% | | -4.00% | | -4.00% | |

| | | In | cremental | (Pr | oposed EE | RF |) Case | | |
|---------------------------------|---------------------------------|----|--------------|-----|--------------|----|--------------|----|-------------------|
| 2011 | Monthly Consumption (kWh) | | Total | | Supply | | Delivery | _ | ustomer Charge |
| Electric Rate (\$/kWh) | | \$ | 0.15131 | \$ | 0.10041 | \$ | 0.05090 | | |
| Non-Participant | 570,000 | \$ | 86,481.40 | \$ | 57,234.11 | \$ | 29,010.22 | \$ | 237.07 |
| Participant | 519,840 | \$ | 78,891.90 | \$ | 52,197.51 | \$ | 26,457.32 | \$ | 237.07 |
| In Units (vs. Non-Participants) | (50,160) | | (\$7,589.50) | | (\$5,036.60) | | (\$2,552.90) | | |
| In % (vs. Non-Participants) | -8.80% | | -8.78% | | -8.80% | | -8.80% | | |

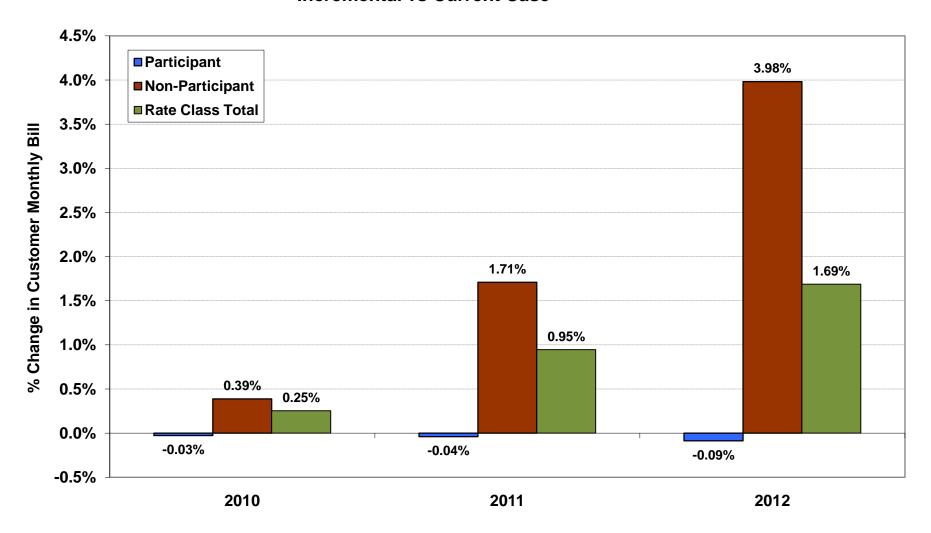
| | | In | cremental | (Pr | oposed EE | RF |) Case | |
|---------------------------------|---------------------------------|----|---------------|-----|--------------|----|--------------|-------------------|
| 2012 | Monthly Consumption (kWh) | | Total | | Supply | | Delivery | ustomer Charge |
| Electric Rate (\$/kWh) | | \$ | 0.15651 | \$ | 0.10110 | \$ | 0.05541 | |
| Non-Participant | 570,000 | \$ | 89,446.08 | \$ | 57,626.26 | \$ | 31,582.75 | \$ 237.07 |
| Participant | 488,490 | \$ | 76,689.20 | \$ | 49,385.71 | \$ | 27,066.42 | \$ 237.07 |
| In Units (vs. Non-Participants) | (81,510) | | (\$12,756.89) | | (\$8,240.56) | | (\$4,516.33) | |
| In % (vs. Non-Participants) | -14.30% | | -14.26% | | -14.30% | | -14.30% | |

570.000

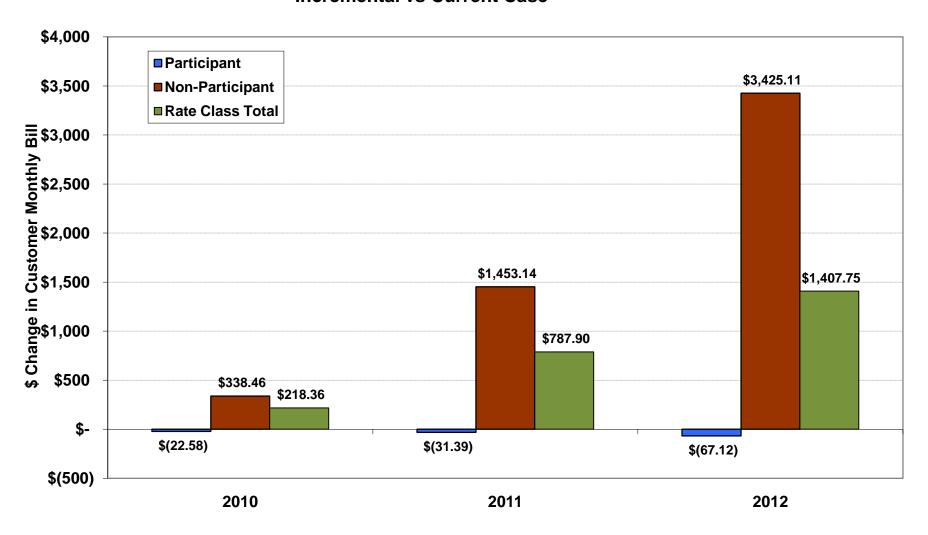
| | | | ECO C&I (G | | | | | | | | | | | | ARTICIPANT | | | | |
|--|---------------------------|-------------------------------|--|----------------------------|--|----------------------------|------------------------------|-------------------------------|--|--|---------------------------|-------------------------------|--|----------------------------|-------------------------------|----------------------------|------------------------------|-------------------------------|--|
| | Total | otal Rates and Bil | Average | Supply | ipply Rates and Bil | Average | Delivery Delivery | livery Rates and Bi | lls Average | | Total | otal Rates and Bill | S Average | Supply | upply Rates and Bi | ills Average | Del Delivery | ivery Rates and B | ills Average |
| 2010 | Electric Rate | Monthly Energy Consumption | Monthly | Electric Rate | Monthly Energy Consumption | Monthly | Electric Rate | Monthly Energy Consumption | Monthly | 2010 | Electric Rate | Monthly Energy Consumption | Monthly | Electric Rate | Monthly Energy Consumption | Monthly | Electric Rate | Monthly Energy Consumption | Monthly |
| | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ |
| Current Funding Case | | | | | | | | | | Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.15241 | 549,480 | \$237.07 \$83,748.86 \$83,985.93 | \$0.10479 | 549,480 | \$57,582.39 \$57,582.39 | \$0.04762 | 549,480 | \$237.07 \$26,166.47 \$26,403.54 | Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.15241 | 570,000 | \$237.07 \$86,876.41 \$87,113.48 | \$0.10479 | 570,000 | \$59,732.77 \$59,732.77 | \$0.04762 | 570,000 | \$237.07 \$27,143.64 \$27,380.71 |
| Incremental Case (Proposed) | | | | | | | | | | Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.15301 | 547,200 | \$237.07 \$83,726.28 \$83,963.35 | \$0.10472 | 547,200 | \$57,302.13 \$57,302.13 | \$0.04829 | 547,200 | \$237.07 \$26,424.14 \$26,661.21 | Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.15301 | 570,000 | \$237.07 \$87,214.87 \$87,451.94 | \$0.10472 | 570,000 | \$59,689.72 \$59,689.72 | \$0.04829 | 570,000 | \$237.07 \$27,525.15 \$27,762.22 |
| Differences | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Differences | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| In Units % | \$0.00059 0.39% | (2,280) -0.41% | (\$22.58) -0.03% | (\$0.00008) -0.07% | (2,280) -0.41% | (\$280.26) -0.49% | \$0.00067 1.41% | (2,280) -0.41% | \$257.68 0.98% | In Units % | \$0.00059 0.39% | 0 0.00% | \$338.46 0.39% | (\$0.00008) -0.07% | 0 0.00% | (\$43.05) -0.07% | \$0.00067 1.41% | 0 0.00% | \$381.51 1.39% |
| | | | CO C&I (G3 |) - PARTIC | | | | | | | | BEC otal Rates and Bill | O C&I (G3) | | RTICIPANT | | | | |
| 2011 | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Ipply Rates and Bil Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill | 2011 | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| Current Funding Case | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | Current Funding Case | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ |
| Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.14876 | 528,960 | \$237.07 \$78,686.22 \$78,923.29 | \$0.10083 | 528,960 | \$53,336.47 \$53,336.47 | \$0.04792 | 528,960 | \$237.07 \$25,349.76 \$25,586.83 | Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.14876 | 570,000 | \$237.07 \$84,791.19 \$85,028.26 | \$0.10083 | 570,000 | \$57,474.64 \$57,474.64 | \$0.04792 | 570,000 | \$237.07 \$27,316.55 \$27,553.62 |
| Incremental Case (Proposed) | | | | | | | | | | Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.15131 | 519,840 | \$237.07 \$78,654.83 \$78,891.90 | \$0.10041 | 519,840 | \$52,197.51 \$52,197.51 | \$0.05090 | 519,840 | \$237.07 \$26,457.32 \$26,694.39 | Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.15131 | 570,000 | \$237.07 \$86,244.33 \$86,481.40 | \$0.10041 | 570,000 | \$57,234.11 \$57,234.11 | \$0.05090 | 570,000 | \$237.07 \$29,010.22 \$29,247.29 |
| Differences | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Differences | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| In Units % | \$0.00255 1.71% | (9,120) -1.72% | (\$31.39) -0.04% | (\$0.00042) -0.42% | (9,120) -1.72% | (\$1,138.96) -2.14% | \$0.00297 6.20% | (9,120) -1.72% | \$1,107.57 4.33% | In Units % | \$0.00255 1.71% | 0 0.00% | \$1,453.14 1.71% | (\$0.00042) -0.42% | 0 0.00% | (\$240.53) -0.42% | \$0.00297 6.20% | 0 0.00% | \$1,693.67 6.15% |
| | | | CO C&I (G3 | | | | | | | | | | | | ARTICIPANT | | | | |
| | Total | otal Rates and Bil | Average | Supply | ipply Rates and Bi | Average | Delivery De | livery Rates and Bi | Average | | Total | otal Rates and Bill | S Average | Supply | upply Rates and Bi | ills Average | Delivery Del | ivery Rates and B | ills Average |
| 2012 | Electric Rate | Monthly Energy Consumption | Monthly Bill | Electric Rate | Monthly Energy Consumption | Monthly Bill | Electric Rate | Monthly Energy Consumption | Monthly Bill | 2012 | Electric Rate | Monthly Energy Consumption | Monthly Bill | Electric Rate | Monthly Energy Consumption | Monthly Bill | Electric Rate | Monthly Energy Consumption | Monthly Bill |
| Current Funding Case | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | Current Funding Case | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ |
| Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.15050 | 508,440 | \$237.07 \$76,519.24 \$76,756.31 | \$0.10232 | 508,440 | \$52,025.32 \$52,025.32 | \$0.04817 | 508,440 | \$237.07 \$24,493.92 \$24,730.99 | Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.15050 | 570,000 | \$237.07 \$85,783.90 \$86,020.97 | \$0.10232 | 570,000 | \$58,324.35 \$58,324.35 | \$0.04817 | 570,000 | \$237.07 \$27,459.55 \$27,696.62 |
| Incremental Case (Proposed) | | | | | | | | | | Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.15651 | 488,490 | \$237.07 \$76,452.13 \$76,689.20 | \$0.10110 | 488,490 | \$49,385.71 \$49,385.71 | \$0.05541 | 488,490 | \$237.07 \$27,066.42 \$27,303.49 | Monthly Service Charge (fixed) Volumetric & Demand Component Total | \$0.15651 | 570,000 | \$237.07 \$89,209.01 \$89,446.08 | \$0.10110 | 570,000 | \$57,626.26 \$57,626.26 | \$0.05541 | 570,000 | \$237.07 \$31,582.75 \$31,819.82 |
| Differences | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Differences | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| In Units % | \$0.00601 3.99% | (19,950) -3.92% | (\$67.12) -0.09% | (\$0.00122) -1.20% | (19,950) -3.92% | (\$2,639.61) -5.07% | \$0.00723 15.02% | (19,950) -3.92% | \$2,572.49 10.40% | In Units % | \$0.00601 3.99% | 0 0.00% | \$3,425.11 3.98% | (\$0.00122) -1.20% | 0 0.00% | (\$698.08) -1.20% | \$0.00723 15.02% | 0 0.00% | \$4,123.20 14.89% |
| | | BE | CO C&I (G3 |) - PARTIO | CIPANT | | | | | | | BEC | O C&I (G3) | - NON-PA | ARTICIPANT | • | | | |
| | | | | | | | | | | | | | | | | | | | |

| | | BECO C&L(C | 33) - RATE C | LASS TOTAL | | | | |
|---|--|---------------------------------------|--|-------------------------------|--|--|--|--|
| 1 | Total Rates and Re | | Sur | ply Rates and Rev | enues | De | livery Rates and R | evenues |
| Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| (\$/(\$********************************** | RVVII | | (W/KVVII) | RVVII | Ψ | (\$/((***11) | RVIII | • |
| \$0.15241 | 563,996 | \$237 \$85,961 \$86,198 | \$0.10479 | 563,996 | \$59,104 \$59,104 | \$0.04762 | 563,996 | \$237 \$26,858 \$27,095 |
| | | | | | | | | |
| \$0.15301 | 563,234 | \$237 \$86,180 \$86,417 | \$0.10472 | 563,234 | \$58,981 \$58,981 | \$0.04829 | 563,234 | \$237 \$27,198 \$27,435 |
| Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| \$0.00059 0.39% | (<mark>762)</mark> -0.14% | \$218 0.25% | (\$0.00008) -0.07% | <mark>(762)</mark> -0.14% | (\$122) -0.21% | \$0.00067 1.41% | (<mark>762)</mark> -0.14% | \$341 1.26% |
| | | | | | | | | |
| | Total Rates and Re | venues | Sup | ply Rates and Rev | enues | | livery Rates and R | evenues |
| Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate (\$/kWh) | Monthly Energy Consumption | Average Monthly Bill | Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| (4) | | • | (4) | | Ĭ | (4:, | | Ť |
| \$0.14876 | 558,121 | \$237 \$83,024 \$83,261 | \$0.10083 | 558,121 | \$56,277 \$56,277 | \$0.04792 | 558,121 | \$237 \$26,747 \$26,984 |
| \$0.15131 | 553,925 | \$237 \$83,812 \$84,049 | \$0.10041 | 553,925 | \$55,620 \$55,620 | \$0.05090 | 553,925 | \$237 \$28,192 \$28,429 |
| Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| \$0.00255 1.71% | (4,197) -0.75% | \$788 0.95% | (\$0.00042) -0.42% | (4,197) -0.75% | (\$657) -1.17% | \$0.00297 6.20% | (4,197) -0.75% | \$1,445 5.35% |
| | | | | | | | | |
| | Total Rates and Re | venues | Sup | ply Rates and Rev | enues | | livery Rates and R | evenues |
| Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| (\$/KVVII) | KVVII | 3 | (\$/KVVII) | KVVII | 4 | (\$/KVVII) | KVVII | \$ |
| \$0.15050 | 552,958 | \$237 \$83,219 \$83,456 | \$0.10232 | 552,958 | \$56,581 \$56,581 | \$0.04817 | 552,958 | \$237 \$26,639 \$26,876 |
| | | | | | | | | |
| \$0.15651 | 540,723 | \$237 \$84,627 \$84,864 | \$0.10110 | 540,723 | \$54,666 \$54,666 | \$0.05541 | 540,723 | \$237 \$29,961 \$30,198 |
| Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| \$0.00601 | (12,236) | \$1,408 | (\$0.00122) | (12.236) | (\$1,914) | \$0.00723 | (12,236) | \$3,322 |
| | Total Electric Rate \$0.15241 \$0.15241 \$0.15241 \$0.15301 Total Electric Rate \$0.009% Total Electric Rate \$0.14876 \$0.14876 \$0.15131 Total Electric Rate \$0.00255 1.71% Total Electric Rate \$0.00255 1.71% | Total Electric Rate Consumption | Total Rates and Revenues Total Rates (Monthly Energy Rate (S/NWh) NWh S S437 S0.15241 563,996 \$85,961 \$86,198 \$86,198 \$0.15301 563,234 \$86,180 \$0.0059 (762) \$218 \$0.39% -0.14% 0.25% Total Rates and Revenues Rate Monthly Bill | Total Rates and Revenues | Total Electric Rate Consumption Security Consumption Security Consumption Security Consumption Security Security Consumption Security Sec | Total Rates and Revenues Supply Rates and Revenues Supply Rates and Revenues Supply Rates Consumption Monthly Bill Electric Rate E | Total Rates and Revenues Supply Rates and Revenues Supply Rates Rate Rat | Total Electric Monthly Energy Average Electric Rate Consumption Monthly Energy Sep. 104 So. 10479 So. 396 So. 396 |

NSTAR BECO C&I (G3) Customer Bill Impacts



NSTAR BECO C&I (G3) Customer Bill Impacts



NSTAR Electric
Bill Impacts - Non-Participant vs. Participant & Non-Participant vs. Average

| | | Cui | rent Fund | linç | g Source: | s C | ase | | | Exp | and | ed Fundin | g (I | Proposed I | E | RF) Case | | |
|---------------------------------|-------------|-----|-----------|------|-----------|-----|----------|----|--------|-------------|-----|-----------|------|------------|----|----------|----|--------|
| 2010 | Monthly | | | | _ | | | | | Monthly | | | | | | | | |
| 2010 | Consumption | | | | | | | Cu | stomer | Consumption | | | | | | | Cu | stomer |
| | (kWh) | | Total | | Supply | | Delivery | С | harge | (kWh) | | Total | | Supply | | Delivery | С | harge |
| Electric Rate (\$/kWh) | | \$ | 0.19580 | \$ | 0.12368 | \$ | 0.07212 | | | | \$ | 0.19819 | \$ | 0.12339 | \$ | 0.07480 | | |
| Non-Participant | 600 | \$ | 123.91 | \$ | 74.21 | \$ | 43.27 | \$ | 6.43 | 600 | \$ | 125.34 | \$ | 74.04 | \$ | 44.88 | \$ | 6.43 |
| Participant | 564 | \$ | 116.86 | \$ | 69.75 | \$ | 40.68 | \$ | 6.43 | 549 | \$ | 115.24 | \$ | 67.74 | \$ | 41.06 | \$ | 6.43 |
| In Units (vs. Non-Participants) | (36) | | (\$7.05) | | (\$4.45) | | (\$2.60) | | | (51) | | (\$10.11) | | (\$6.29) | | (\$3.81) | | |
| In % (vs. Non-Participants) | -6.00% | | -5.69% | | -6.00% | | -6.00% | | | -8.50% | | -8.06% | | -8.50% | | -8.50% | | |
| Average | 595 | | 122.89 | | 73.56 | | 42.90 | \$ | 6.43 | 591 | | 123.65 | | 72.98 | | 44.24 | \$ | 6.43 |
| In Units (vs. Non-Participants) | (5) | | (\$1.02) | | (\$0.65) | | (\$0.38) | | | (9) | | (\$1.69) | | (\$1.05) | | (\$0.64) | | |
| In % (vs. Non-Participants) | -0.87% | | -0.82% | | -0.87% | | -0.87% | | | -1.42% | | -1.35% | | -1.42% | | -1.42% | | |

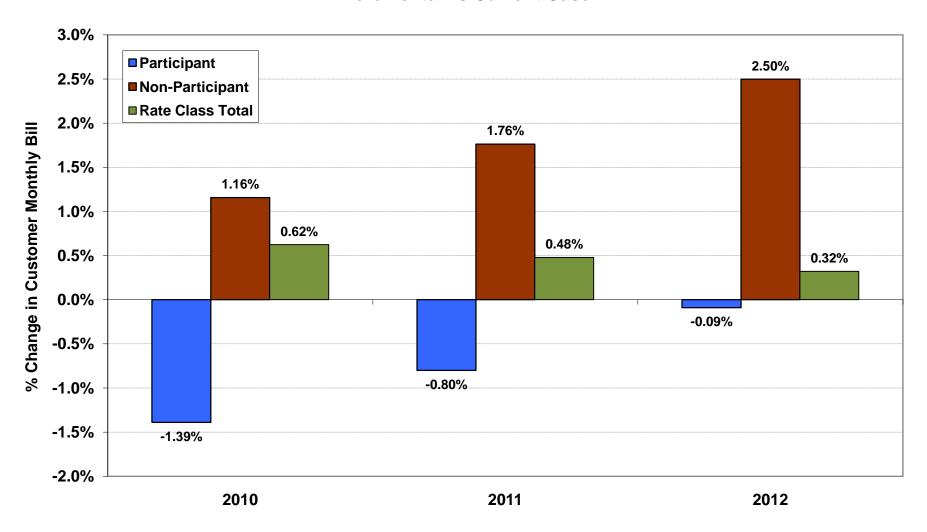
| | | Current | Fui | nding Ca | se | | | | Incr | emental (F | ro | oosed EER | F) | Case | | |
|---------------------------------|---------------------------------|---------------|-----|----------|----|----------|---------------------|---------------------------------|------|------------|----|-----------|----|----------|----|-----------------|
| 2011 | Monthly Consumption (kWh) | Total | | Supply | | Delivery | stomer harge | Monthly Consumption (kWh) | | Total | | Supply | | Delivery | - | stomer harge |
| Electric Rate (\$/kWh) | | \$ 0.19196 | \$ | 0.11977 | \$ | 0.07219 | Ū | , , , | \$ | 0.19554 | \$ | 0.11911 | \$ | 0.07643 | | |
| Non-Participant | 600 | \$ 121.61 | \$ | 71.86 | \$ | 43.31 | \$ 6.43 | 600 | \$ | 123.75 | \$ | 71.47 | \$ | 45.86 | \$ | 6.43 |
| Participant | 564 | \$ 114.70 | \$ | 67.55 | \$ | 40.72 | \$ 6.43 | 549 | \$ | 113.78 | \$ | 65.39 | \$ | 41.96 | \$ | 6.43 |
| In Units (vs. Non-Participants) | (36) | (\$6.91) | | (\$4.31) | | (\$2.60) | | (51) | | (\$9.97) | | (\$6.07) | | (\$3.90) | | |
| In % (vs. Non-Participants) | -6.00% | -5.68% | | -6.00% | | -6.00% | | -8.50% | | -8.06% | | -8.50% | | -8.50% | | |
| Average | 590 | 119.69 | | 70.67 | | 42.59 | \$ 6.43 | 582 | | 120.26 | | 69.34 | | 44.49 | \$ | 6.43 |
| In Units (vs. Non-Participants) | (10) | (\$1.92) | | (\$1.20) | | (\$0.72) | | (18) | | (\$3.49) | | (\$2.13) | | (\$1.36) | | |
| In % (vs. Non-Participants) | -1.67% | -1.58% | | -1.67% | | -1.67% | | -2.97% | | -2.82% | | -2.97% | | -2.97% | | |

| | | Current I | Fur | nding Ca | se | | | | Incr | emental (P | ro | posed EER | F) | Case | | |
|---------------------------------|---------------------------------|---------------|-----|----------|----|----------|---------------------|---------------------------------|------|------------|----|-----------|----|----------|----|-----------------|
| 2012 | Monthly Consumption (kWh) | Total | | Supply | | Delivery | stomer harge | Monthly Consumption (kWh) | | Total | | Supply | | Delivery | - | stomer harge |
| Electric Rate (\$/kWh) | | \$ 0.19513 | \$ | 0.12291 | \$ | 0.07222 | | | \$ | 0.20027 | \$ | 0.12189 | \$ | 0.07838 | | _ |
| Non-Participant | 600 | \$ 123.51 | \$ | 73.74 | \$ | 43.33 | \$ 6.43 | 600 | \$ | 126.59 | \$ | 73.14 | \$ | 47.03 | \$ | 6.43 |
| Participant | 564 | \$ 116.48 | \$ | 69.32 | \$ | 40.73 | \$ 6.43 | 549 | \$ | 116.38 | \$ | 66.92 | \$ | 43.03 | \$ | 6.43 |
| In Units (vs. Non-Participants) | (36) | (\$7.02) | | (\$4.42) | | (\$2.60) | | (51) | | (\$10.21) | | (\$6.22) | | (\$4.00) | | |
| In % (vs. Non-Participants) | -6.00% | -5.69% | | -6.00% | | -6.00% | | -8.50% | | -8.07% | | -8.50% | | -8.50% | | |
| Average | 586 | 120.86 | | 72.08 | | 42.35 | \$ 6.43 | 573 | | 121.25 | | 69.88 | | 44.94 | \$ | 6.43 |
| In Units (vs. Non-Participants) | (14) | (\$2.65) | | (\$1.67) | | (\$0.98) | | (27) | | (\$5.34) | | (\$3.25) | | (\$2.09) | | |
| In % (vs. Non-Participants) | -2.26% | -2.14% | | -2.26% | | -2.26% | | -4.45% | | -4.22% | | -4.45% | | -4.45% | | |

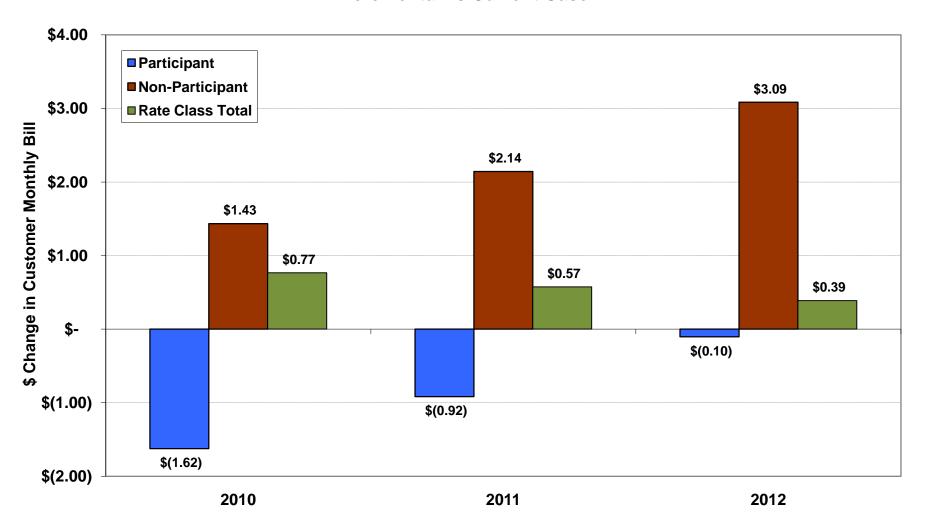
| | | | | | PARTICIPANT | | | | | | | | | | N-PARTICIPAN | | | | |
|--|---|-------------------------------|--------------------|--------------------|-------------------------------|--------------------|---|-------------------------------|--------------------|---|---|-------------------------------|--------------------|---|-------------------------------|--------------------|----------------------|--------------------|--------------------|
| | | otal Rates and Bill | | | ipply Rates and B | | | very Rates and B | | | | otal Rates and Bill | | | ipply Rates and B | | | ivery Rates and Bi | |
| 2010 | Total Electric | Monthly Energy | Average Monthly | Supply Electric | Monthly Energy | Average Monthly | Delivery Electric | Monthly Energy | Average Monthly | 2010 | Total Electric | Monthly Energy | Average Monthly | Supply Electric | Manthly Engrav | Average Monthly | Delivery Electric | Monthly Energy | Average Monthly |
| 2010 | Rate | Consumption | Bill | Rate | Consumption | Bill | Rate | Consumption | Bill | 2010 | Rate | Consumption | Bill | Rate | Monthly Energy Consumption | Bill | Rate | Consumption | Bill |
| | (\$/kWh) | kWh | S | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ |
| Current Funding Case | | | | ,,, | | | | | | Current Funding Case | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Monthly Service Charge (fixed) | \$0.19580 | 564 | \$6.43 \$110.43 | £0.12260 | 564 | \$69.75 | \$0.07212 | E64 | \$6.43 \$40.68 | Monthly Service Charge (fixed) | \$0.19580 | 600 | \$6.43 \$117.48 | \$0.12368 | 600 | \$74.21 | \$0.07212 | 600 | \$6.43 \$43.27 |
| Volumetric Component Total | \$0.19580 | 564 | \$110.43 | \$0.12368 | 564 | \$69.75 | \$0.07212 | 564 | \$40.68 | Volumetric Component Total | \$0.19580 | 600 | \$117.48 | \$0.12368 | 600 | \$74.21 | \$0.07212 | 600 | \$43.27 |
| Total | | | ψ110.00 | | | \$03.75 | | | Ψ-7.11 | 1 otal | | | ψ120.51 | | | Ψ1 4.2 1 | | | ψ+3.70 |
| Incremental Case (Proposed) | | | | | | | | | | Incremental Case (Proposed) | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component | \$0.19819 | 549 | \$6.43 \$108.81 | \$0.12339 | 549 | \$67.74 | \$0.07480 | 549 | \$6.43 \$41.06 | Monthly Service Charge (fixed) Volumetric Component | \$0.19819 | 600 | \$6.43 \$118.91 | \$0.12339 | 600 | \$74.04 | \$0.07480 | 600 | \$6.43 \$44.88 |
| Total | \$0.19619 | 549 | \$106.61 | \$0.12339 | 549 | \$67.74 | φυ.υ/4ου | 549 | \$47.49 | Total | \$0.19619 | 600 | \$125.34 | φυ.12339 | 600 | \$74.04 | \$0.07460 | 600 | \$51.31 |
| | | | | | | | | | | 1 2 3 3 | | | | | | | | | |
| Differences | Total | | Average | Supply | | Average | Delivery | | Average | Differences | Total | | Average | Supply | | Average | Delivery | | Average |
| | Electric Rate | Monthly Energy Consumption | Monthly Bill | Electric Rate | Monthly Energy Consumption | Monthly Bill | Electric Rate | Monthly Energy Consumption | Monthly Bill | | Electric Rate | Monthly Energy Consumption | Monthly Bill | Electric Rate | Monthly Energy | Monthly Bill | Electric Rate | Monthly Energy | Monthly Bill |
| | Rate | Consumption | BIII | Rate | Consumption | BIII | Rate | Consumption | BIII | | Rate | Consumption | BIII | Kate | Consumption | BIII | Rate | Consumption | BIII |
| In Units | \$0.00239 | (15) | (\$1.62) | (\$0.00028) | (15) | (\$2.01) | \$0.00267 | (15) | \$0.39 | In Units | \$0.00239 | 0 | \$1.43 | (\$0.00028) | 0 | (\$0.17) | \$0.00267 | 0 | \$1.60 |
| % | 1.22% | -2.66% | -1.39% | -0.23% | -2.66% | -2.88% | 3.71% | -2.66% | 0.82% | % | 1.22% | 0.00% | 1.16% | -0.23% | 0.00% | -0.23% | 3.71% | 0.00% | 3.23% |
| | | | | | | | | | | | | | | | | | | | |
| | | | RESIDENT | | PARTICIPANT | | | | | | | BECO RE | | | N-PARTICIPAN | | | | |
| | Total | otal Rates and Bill | Average | Supply | upply Rates and B | ills Average | Delivery Deli | very Rates and B | Average | | Total | otal Rates and Bill | S Average | Supply | upply Rates and B | ills Average | Delivery Del | ivery Rates and Bi | ills Average |
| 2011 | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | 2011 | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly |
| 20 | Rate | Consumption | Bill | Rate | Consumption | Bill | Rate | Consumption | Bill | 2011 | Rate | Consumption | Bill | Rate | Consumption | Bill | Rate | Consumption | Bill |
| | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ |
| Current Funding Case | | | | | | | | | | Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$6.43 | | | | | | \$6,43 | Monthly Service Charge (fixed) | | | \$6,43 | | | | | | \$6.43 |
| Volumetric Component | \$0.19196 | 564 | \$108.27 | \$0.11977 | 564 | \$67.55 | \$0.07219 | 564 | \$40.72 | Volumetric Component | \$0.19196 | 600 | \$115.18 | \$0.11977 | 600 | \$71.86 | \$0.07219 | 600 | \$43.31 |
| Total | *************************************** | | \$114.70 | | | \$67.55 | ***** | | \$47.15 | Total | *************************************** | | \$121.61 | *************************************** | | \$71.86 | ***** | | \$49.74 |
| | | | | | | | | | | | | | | | | | | | |
| Incremental Case (Proposed) | | | | | | | | | | Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$6.43 | | | | | | \$6,43 | Monthly Service Charge (fixed) | | | \$6.43 | | | | | | \$6.43 |
| Volumetric Component | \$0.19554 | 549 | \$107.35 | \$0.11911 | 549 | \$65.39 | \$0.07643 | 549 | \$41.96 | Volumetric Component | \$0.19554 | 600 | \$117.32 | \$0.11911 | 600 | \$71.47 | \$0.07643 | 600 | \$45.86 |
| Total | ******** | | \$113.78 | ******* | | \$65.39 | *************************************** | | \$48.39 | Total | ******** | | \$123.75 | *************************************** | | \$71.47 | ************ | | \$52.29 |
| | | | | | | | | | | | | | | | | | | | |
| Differences | Total Electric | Monthly Energy | Average Monthly | Supply Electric | Monthly Energy | Average Monthly | Delivery Electric | Monthly Energy | Average Monthly | Differences | Total Electric | Monthly Energy | Average Monthly | Supply Electric | Monthly Energy | Average Monthly | Delivery Electric | Monthly Energy | Average Monthly |
| | Rate | Consumption | Bill | Rate | Consumption | Bill | Rate | Consumption | Bill | | Rate | Consumption | Bill | Rate | Consumption | Bill | Rate | Consumption | Bill |
| | | | | | | | | | | | | | | | | | | | |
| In Units | \$0.00357 | (15) | (\$0.92) | (\$0.00066) | (15) | (\$2.16) | \$0.00424 | (15) | \$1.24 | In Units | \$0.00357 | 0 | \$2.14 | (\$0.00066) | 0 | (\$0.40) | \$0.00424 | 0 | \$2.54 |
| % | 1.86% | -2.66% | -0.80% | -0.55% | -2.66% | -3.20% | 5.87% | -2.66% | 2.64% | % | 1.86% | 0.00% | 1.76% | -0.55% | 0.00% | -0.55% | 5.87% | 0.00% | 5.11% |
| | | BECO | RESIDENT | IAL (R1) - F | PARTICIPANT | | | | | | | BECO RE | SIDENTIAL | (R1) - NO | N-PARTICIPAN | Т | | | |
| | Te | otal Rates and Bill | | | upply Rates and B | ills | Deli | very Rates and B | ills | | | otal Rates and Bill | | | upply Rates and B | | Del | ivery Rates and Bi | ills |
| | Total | | Average | Supply | | Average | Delivery | | Average | | Total | | Average | Supply | | Average | Delivery | | Average |
| 2012 | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | 2012 | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly |
| | Rate | Consumption | Bill | Rate | Consumption | Bill | Rate | Consumption | Bill | | Rate | Consumption | Bill | Rate | Consumption | Bill | Rate | Consumption | Bill |
| Current Funding Case | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | Current Funding Case | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ |
| Can out I unding Gase | | | | | | | | | | Ca. Sit I didning Gase | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$6.43 | | | | | | \$6.43 | Monthly Service Charge (fixed) | | | \$6.43 | | | | | | \$6.43 |
| Volumetric Component | \$0.19513 | 564 | \$110.05 | \$0.12291 | 564 | \$69.32 | \$0.07222 | 564 | \$40.73 | Volumetric Component | \$0.19513 | 600 | \$117.08 | \$0.12291 | 600 | \$73.74 | \$0.07222 | 600 | \$43.33 |
| Total | | | \$116.48 | | | \$69.32 | | | \$47.16 | Total | | | \$123.51 | | | \$73.74 | | | \$49.76 |
| Incremental Case (Proposed) | | | | | | | | | | Incremental Case (Proposed) | | | | | Ì | | | | |
| The state of the s | | | | | | | | | | Januaria Gada (Trapadeu) | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$6.43 | | | | | | \$6.43 | Monthly Service Charge (fixed) | | | \$6.43 | | | | | | \$6.43 |
| Volumetric Component | \$0.20027 | 549 | \$109.95 | \$0.12189 | 549 | \$66.92 | \$0.07838 | 549 | \$43.03 | Volumetric Component | \$0.20027 | 600 | \$120.16 | \$0.12189 | 600 | \$73.14 | \$0.07838 | 600 | \$47.03 |
| Total | | | \$116.38 | | | \$66.92 | | | \$49.46 | Total | | | \$126.59 | | | \$73.14 | | | \$53.46 |
| Differences | Total | | Average | Supply | | Average | Delivery | | Average | Differences | Total | | Average | Supply | | Average | Delivery | | Average |
| | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly |
| | Rate | Consumption | Bill | Rate | Consumption | Bill | Rate | Consumption | Bill | | Rate | Consumption | Bill | Rate | Consumption | Bill | Rate | Consumption | Bill |
| In Units | \$0.00514 | (15) | (\$0.10) | (\$0.00101) | (15) | (\$2.40) | \$0.00616 | (15) | \$2.30 | In Units | \$0.00514 | 0 | \$3.09 | (\$0.00101) | 0 | (\$0.61) | \$0.00616 | 0 | \$3.69 |
| % | 2.64% | -2.66% | -0.09% | -0.83% | -2.66% | -3.46% | 8.52% | -2.66% | 4.87% | % | 2.64% | 0.00% | 2.50% | -0.83% | 0.00% | -0.83% | 8.52% | 0.00% | 7.42% |
| | | | | | | | | | | | | | | | | | | | |
| | | BECO | RESIDENT | IAL (R1) - F | PARTICIPANT | | | | | | | BECO RE | SIDENTIAL | . (R1) - NO | N-PARTICIPAN | Т | | | |
| | | | | | | | | | | | | | | | | | | | |

| 1 | | | SIDENTIAL | . (R1) - RATE | CLASS TOTAL | | | | |
|--|---------------------------------------|--------------------------------------|--------------------------------|-------------------------------------|--------------------------------------|----------------------------|--|--------------------------------------|------------------------------|
| i l | т | otal Rates and Bil | | | ply Rates and Bills | | De | livery Rates and E | Bills |
| 2010 | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total | \$0.19580 | 595 | \$6.43 \$116.46 \$122.89 | \$0.12368 | 595 | \$73.56 \$73.56 | \$0.07212 | 595 | \$6.43 \$42.90 \$49.33 |
| Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$0.19819 | 591 | \$6.43 \$117.22 \$123.65 | \$0.12339 | 591 | \$72.98 \$72.98 | \$0.07480 | 591 | \$6.43 \$44.24 \$50.67 |
| Differences | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| In Units % | \$0.00239 1.22% | (3) -0.56% | \$0.77 0.62% | (\$0.00028) -0.23% | (<mark>3)</mark> -0.56% | (\$0.58) -0.78% | \$0.00267 3.71% | (3) -0.56% | \$1.34 2.72% |
| | | BECO RE | SIDENTIAL | | CLASS TOTAL | | | | |
| | | otal Rates and Bi | | Sup | ply Rates and Bills | | | livery Rates and E | |
| 2011 | Total Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill | Supply Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill | Delivery Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill |
| Current Funding Case | (\$/KVVII) | KVVII | 3 | (\$/KVVII) | KVVII | 3 | (\$/KVVII) | KVVII | 3 |
| Monthly Service Charge (fixed) Volumetric Component Total | \$0.19196 | 590 | \$6.43 \$113.26 \$119.69 | \$0.11977 | 590 | \$70.67 \$70.67 | \$0.07219 | 590 | \$6.43 \$42.59 \$49.02 |
| Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$0.19554 | 582 | \$6.43 \$113.83 \$120.26 | \$0.11911 | 582 | \$69.34 \$69.34 | \$0.07643 | 582 | \$6.43 \$44.49 \$50.92 |
| Differences | Total | | Average | | | Average | Delivery | | Average |
| | Electric | Monthly Energy | Monthly Bill | Supply | Monthly Energy | Monthly Bill | Electric | Monthly Energy | Monthly |
| In Units % | \$0.00357 1.86% | (8) -1.33% | \$0.57 0.48% | (\$0.00066) -0.55% | (8) -1.33% | (\$1.33) -1.88% | \$0.00424 5.87% | (8) -1.33% | \$1.90 3.88% |
| | | | SIDENTIAL | | CLASS TOTAL | | _ | | |
| j | | otal Rates and Bi | | Sup | ply Rates and Bills | | | livery Rates and E | |
| 2012 | Total Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill | Supply Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill | Delivery Electric Rate (\$/kWh) | Monthly Energy Consumption kWh | Average Monthly Bill |
| Current Funding Case | (\$/KVVII) | KVVII | \$ | (\$/KVVII) | KVVII | \$ | (D/KVVII) | KVVII | \$ |
| Monthly Service Charge (fixed) Volumetric Component Total | \$0.19513 | 586 | \$6.43 \$114.43 \$120.86 | \$0.12291 | 586 | \$72.08 \$72.08 | \$0.07222 | 586 | \$6.43 \$42.35 \$48.78 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$0.20027 | 573 | \$6.43 \$114.82 \$121.25 | \$0.12189 | 573 | \$69.88 \$69.88 | \$0.07838 | 573 | \$6.43 \$44.94 \$51.37 |
| Differences | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| In Units | \$0.00514 | (13) | \$0.39 | (\$0.00101) | (13) | (\$2.19) | \$0.00616 | (13) | \$2.58 |

NSTAR BECO Residential (R1) Customer Bill Impacts



NSTAR BECO Residential (R1) Customer Bill Impacts



NSTAR Electric
Bill Impacts - Non-Participant vs. Participant & Non-Participant vs. Average

| | | Cui | rrent Fund | ling | Source | s C | ase | | | Exp | and | ed Fundin | g (l | Proposed E | EEF | RF) Case | |
|---------------------------------|---------------------------------|-----|------------|------|----------|-----|----------|----|-----------------|---------------------------------|-----|-----------|------|------------|-----|----------|-----------------|
| 2010 | Monthly Consumption (kWh) | | Total | | Supply | | Delivery | _ | stomer harge | Monthly Consumption (kWh) | | Total | | Supply | | Delivery | stomer harge |
| Electric Rate (\$/kWh) | | \$ | 0.15188 | \$ | 0.12329 | \$ | 0.02859 | | | | \$ | 0.15176 | \$ | 0.12306 | \$ | 0.02870 | |
| Non-Participant | 450 | \$ | 68.55 | \$ | 55.48 | \$ | 12.87 | \$ | 0.20 | 450 | \$ | 68.49 | \$ | 55.38 | \$ | 12.91 | \$ 0.20 |
| Participant | 387 | \$ | 58.98 | \$ | 47.71 | \$ | 11.06 | \$ | 0.20 | 362 | \$ | 55.17 | \$ | 44.58 | \$ | 10.40 | \$ 0.20 |
| In Units (vs. Non-Participants) | (63) | | (\$9.57) | | (\$7.77) | | (\$1.80) | | | (88) | | (\$13.32) | | (\$10.80) | | (\$2.52) | |
| In % (vs. Non-Participants) | -14.00% | | -13.96% | | -14.00% | | -14.00% | | | -19.50% | | -19.44% | | -19.50% | | -19.50% | |
| Average | 443 | | 67.43 | | 54.58 | | 12.66 | \$ | 0.20 | 441 | | 67.08 | | 54.23 | | 12.65 | \$ 0.20 |
| In Units (vs. Non-Participants) | (7) | | (\$1.11) | | (\$0.90) | | (\$0.21) | | | (9) | | (\$1.41) | | (\$1.15) | | (\$0.27) | |
| In % (vs. Non-Participants) | -1.63% | | -1.62% | | -1.63% | | -1.63% | | | -2.07% | | -2.06% | | -2.07% | | -2.07% | |

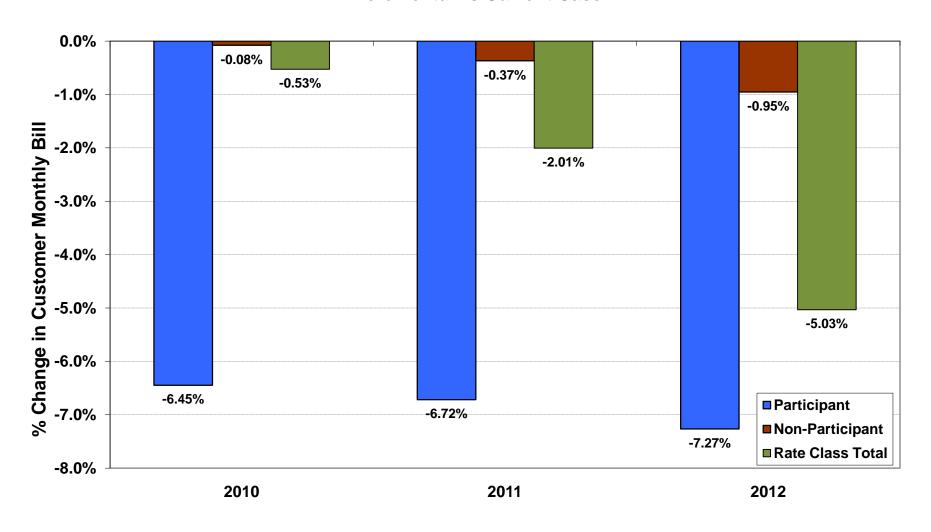
| | | Current | Fu | nding Ca | se | | | | | Incr | emental (F | ro | posed EER | F) | Case | | |
|---------------------------------|-------------|---------------|----|----------|----|----------|----|---------|-------------|------|------------|----|-----------|----|----------|----|--------|
| 2011 | Monthly | | | _ | | | | | Monthly | | | | | | | | |
| 2011 | Consumption | | | | | | Cι | ıstomer | Consumption | | | | | | | Cu | stomer |
| | (kWh) | Total | | Supply | | Delivery | C | Charge | (kWh) | | Total | | Supply | | Delivery | С | harge |
| Electric Rate (\$/kWh) | | \$ 0.14757 | \$ | 0.11895 | \$ | 0.02862 | | | | \$ | 0.14702 | \$ | 0.11810 | \$ | 0.02892 | | |
| Non-Participant | 450 | \$ 66.61 | \$ | 53.53 | \$ | 12.88 | \$ | 0.20 | 450 | \$ | 66.36 | \$ | 53.15 | \$ | 13.01 | \$ | 0.20 |
| Participant | 387 | \$ 57.31 | \$ | 46.03 | \$ | 11.07 | \$ | 0.20 | 362 | \$ | 53.46 | \$ | 42.78 | \$ | 10.48 | \$ | 0.20 |
| In Units (vs. Non-Participants) | (63) | (\$9.30) | | (\$7.49) | | (\$1.80) | | | (88) | | (\$12.90) | | (\$10.36) | | (\$2.54) | | |
| In % (vs. Non-Participants) | -14.00% | -13.96% | | -14.00% | | -14.00% | | | -19.50% | | -19.44% | | -19.50% | | -19.50% | | |
| Average | 435 | 64.42 | | 51.77 | | 12.45 | \$ | 0.20 | 428 | | 63.13 | | 50.55 | | 12.38 | \$ | 0.20 |
| In Units (vs. Non-Participants) | (15) | (\$2.18) | | (\$1.76) | | (\$0.42) | | | (22) | | (\$3.23) | | (\$2.59) | | (\$0.63) | | |
| In % (vs. Non-Participants) | -3.28% | -3.27% | | -3.28% | | -3.28% | | | -4.88% | | -4.86% | | -4.88% | | -4.88% | | |

| | | Current I | Fui | nding Ca | se | | | | Incr | emental (P | ro | posed EER | F) | Case | | |
|---------------------------------|---------------------------------|---------------|-----|----------|----|----------|---------------------|---------------------------------|------|------------|----|-----------|----|----------|----|-----------------|
| 2012 | Monthly Consumption (kWh) | Total | | Supply | | Delivery | stomer harge | Monthly Consumption (kWh) | | Total | | Supply | | Delivery | - | stomer harge |
| Electric Rate (\$/kWh) | , | \$ 0.15039 | \$ | 0.12176 | \$ | 0.02863 | J | , | \$ | 0.14895 | \$ | 0.11966 | \$ | 0.02929 | | |
| Non-Participant | 450 | \$ 67.88 | \$ | 54.79 | \$ | 12.88 | \$ 0.20 | 450 | \$ | 67.23 | \$ | 53.85 | \$ | 13.18 | \$ | 0.20 |
| Participant | 387 | \$ 58.40 | \$ | 47.12 | \$ | 11.08 | \$ 0.20 | 362 | \$ | 54.16 | \$ | 43.35 | \$ | 10.61 | \$ | 0.20 |
| In Units (vs. Non-Participants) | (63) | (\$9.47) | | (\$7.67) | | (\$1.80) | | (88) | | (\$13.07) | | (\$10.50) | | (\$2.57) | | |
| In % (vs. Non-Participants) | -14.00% | -13.96% | | -14.00% | | -14.00% | | -19.50% | | -19.44% | | -19.50% | | -19.50% | | |
| Average | 428 | 64.64 | | 52.17 | | 12.27 | \$ 0.20 | 411 | | 61.39 | | 49.15 | | 12.03 | \$ | 0.20 |
| In Units (vs. Non-Participants) | (22) | (\$3.24) | | (\$2.62) | | (\$0.62) | | (39) | | (\$5.84) | | (\$4.69) | | (\$1.15) | | |
| In % (vs. Non-Participants) | -4.78% | -4.77% | | -4.78% | | -4.78% | | -8.72% | | -8.69% | | -8.72% | | -8.72% | | |

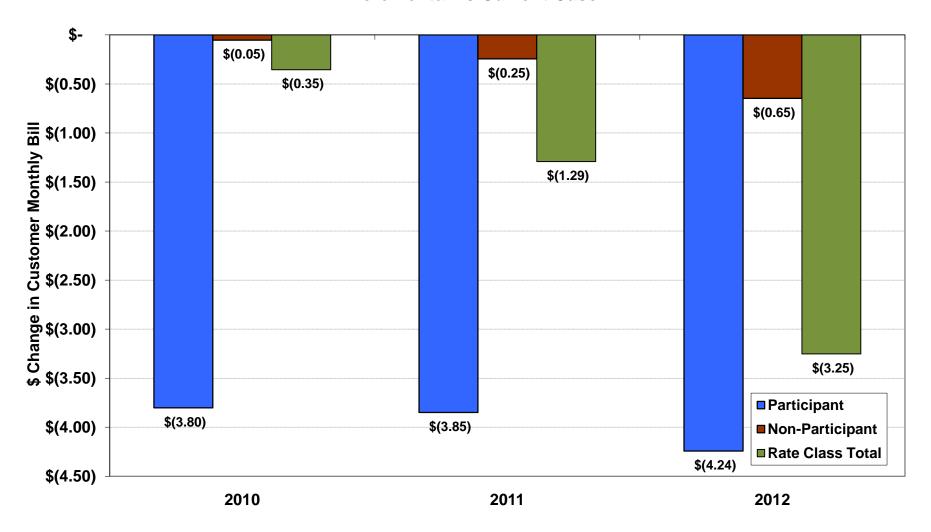
| | | | | | PARTICIPANT | | | | | | _ | | | | N-PARTICIPAN | | | | |
|--------------------------------|-------------------|-------------------------------|--------------------|--------------------|-------------------------------|--------------------|----------------------|-------------------------------|--------------------|--------------------------------|-------------------|-------------------------------|--------------------|-------------------------|-------------------------------|---|----------------------|-------------------------------|--------------------|
| | Total | otal Rates and Bill | ls Average | Supply | pply Rates and B | ills Average | Del Delivery | ivery Rates and B | Average | | Total | otal Rates and Bill | S Average | Supply | upply Rates and B | Average | Delivery Del | very Rates and Bi | Ils Average |
| 2010 | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | 2010 | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly |
| | Rate | Consumption | Bill | Rate | Consumption | Bill | Rate | Consumption | Bill | | Rate | Consumption | Bill | Rate | Consumption | Bill | Rate | Consumption | Bill |
| Current Funding Case | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | Current Funding Case | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ |
| Carrona ramaning case | | | | | | | | | | Carron ranang cass | | | | | | | | | |
| Monthly Service Charge (fixed) | \$0.15188 | | \$0.20 \$58.78 | \$0.12329 | 387 | \$47.71 | \$0.02859 | 387 | \$0.20 \$11.06 | Monthly Service Charge (fixed) | \$0.15188 | 450 | \$0.20 \$68.35 | | 450 | \$55.48 | \$0.02859 | 450 | \$0.20 \$12.87 |
| Volumetric Component Total | \$0.15188 | 387 | \$58.78 | \$0.12329 | 387 | \$47.71 | \$0.02859 | 387 | \$11.06 | Volumetric Component Total | \$0.15188 | 450 | \$68.55 | \$0.12329 | 450 | \$55.48 \$55.48 | \$0.02859 | 450 | \$12.87 |
| | | | ******* | | | ***** | | | ****** | | | | ****** | | | *************************************** | | | |
| Incremental Case (Proposed) | | | | | | | | | | Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$0.20 | | | | | | \$0.20 | Monthly Service Charge (fixed) | | | \$0.20 | | | | | | \$0.20 |
| Volumetric Component | \$0.15176 | 362 | \$54.97 | \$0.12306 | 362 | \$44.58 | \$0.02870 | 362 | \$10.40 | Volumetric Component | \$0.15176 | 450 | \$68.29 | \$0.12306 | 450 | \$55.38 | \$0.02870 | 450 | \$12.91 |
| Total | | | \$55.17 | | | \$44.58 | | | \$10.60 | Total | | | \$68.49 | | | \$55.38 | | | \$13.11 |
| Differences | Total | | Average | Supply | | Average | Delivery | | Average | Differences | Total | | Average | Supply | | Average | Delivery | | Average |
| | Electric Rate | Monthly Energy Consumption | Monthly Bill | Electric Rate | Monthly Energy Consumption | Monthly Bill | Electric Rate | Monthly Energy Consumption | Monthly Bill | | Electric Rate | Monthly Energy Consumption | Monthly Bill | Electric Rate | Monthly Energy Consumption | Monthly Bill | Electric Rate | Monthly Energy Consumption | Monthly Bill |
| | rtate | Consumption | D | reace | Consumption | Dill | rate | Consumption | - Dilli | | itate | Consumption | Dilli | reace | Consumption | Dill | rate | Consumption | Dill |
| In Units | (\$0.00012) | (25) | (\$3.80) | (\$0.00023) | (25) | (\$3.13) | \$0.00011 | (25) | (\$0.67) | In Units | (\$0.00012) | 0 | (\$0.05) | (\$0.00023) | 0 | (\$0.10) | \$0.00011 | 0 | \$0.05 |
| % | -0.08% | -6.40% | -6.45% | -0.19% | -6.40% | -6.57% | 0.38% | -6.40% | -5.93% | % | -0.08% | 0.00% | -0.08% | -0.19% | 0.00% | -0.19% | 0.38% | 0.00% | 0.38% |
| | | | | | PARTICIPANT | | | | | | | | W INCOME | | N-PARTICIPAN | | | | |
| | | otal Rates and Bill | | | pply Rates and B | | | ivery Rates and B | | | | otal Rates and Bill | | | upply Rates and B | | | very Rates and Bi | |
| 2011 | Total Electric | Monthly Energy | Average Monthly | Supply Electric | Monthly Energy | Average Monthly | Delivery Electric | Monthly Energy | Average Monthly | 2011 | Total Electric | Monthly Energy | Average Monthly | Supply Electric | Monthly Energy | Average Monthly | Delivery Electric | Monthly Energy | Average Monthly |
| 2011 | Rate | Consumption | Bill | Rate | Consumption | Bill | Rate | Consumption | Bill | 2011 | Rate | Consumption | Bill | Rate | Consumption | Bill | Rate | Consumption | Bill |
| Current Funding Case | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | Current Funding Case | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ |
| Current Funding Case | | | | | | | | | | Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$0.20 | | | | | | \$0.20 | Monthly Service Charge (fixed) | | | \$0.20 | | | | | | \$0.20 |
| Volumetric Component Total | \$0.14757 | 387 | \$57.11 \$57.31 | \$0.11895 | 387 | \$46.03 \$46.03 | \$0.02862 | 387 | \$11.07 \$11.27 | Volumetric Component Total | \$0.14757 | 450 | \$66.41 \$66.61 | \$0.11895 | 450 | \$53.53 \$53.53 | \$0.02862 | 450 | \$12.88 \$13.08 |
| Total | | | 937.31 | | | \$40.03 | | | φ11.27 | Total | | | \$00.01 | | | φ33.33 | | | φ13.00 |
| Incremental Case (Proposed) | | | | | | | | | | Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$0.20 | | | | | | \$0.20 | Monthly Service Charge (fixed) | | | \$0.20 | | | | | | \$0.20 |
| Volumetric Component | \$0.14702 | 362 | \$53.26 | \$0.11810 | 362 | \$42.78 | \$0.02892 | 362 | \$10.48 | Volumetric Component | \$0.14702 | 450 | \$66.16 | \$0.11810 | 450 | \$53.15 | \$0.02892 | 450 | \$13.01 |
| Total | | | \$53.46 | | | \$42.78 | | | \$10.68 | Total | | | \$66.36 | | | \$53.15 | | | \$13.21 |
| Differences | Total | | Average | Supply | | Average | Delivery | | Average | Differences | Total | | Average | Supply | | Average | Delivery | | Average |
| | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly |
| | Rate | Consumption | Bill | Rate | Consumption | Bill | Rate | Consumption | Bill | | Rate | Consumption | Bill | Rate | Consumption | Bill | Rate | Consumption | Bill |
| In Units | (\$0.00055) | (25) | (\$3.85) | (\$0.00085) | (25) | (\$3.25) | \$0.00030 | (25) | (\$0.60) | In Units | (\$0.00055) | 0 | (\$0.25) | (\$0.00085) | 0 | (\$0.38) | \$0.00030 | 0 | \$0.14 |
| % | -0.37% | -6.40% | -6.72% | -0.71% | -6.40% | -7.06% | 1.06% | -6.40% | -5.31% | % | -0.37% | 0.00% | -0.37% | -0.71% | 0.00% | -0.71% | 1.06% | 0.00% | 1.05% |
| | | BECO | LOW INCO | ME (R2) - F | PARTICIPANT | | | | | | | BECO LO | W INCOME | (R2) - NO | N-PARTICIPAN | T | | | |
| | | otal Rates and Bill | ls | Sı | ipply Rates and B | | | ivery Rates and B | | | | otal Rates and Bill | s | Sı | upply Rates and B | ills | | very Rates and Bi | |
| 2012 | Total | Manthhy Eng | Average | Supply Electric | Manthly Eng. | Average | Delivery | Manthly Engine | Average | 2012 | Total Electric | Monthly Engage | Average | Supply Electric | Monthly Engage | Average Monthly | Delivery Electric | Manthly Engine | Average |
| 2012 | Electric Rate | Monthly Energy Consumption | Monthly Bill | Rate | Monthly Energy Consumption | Monthly Bill | Electric Rate | Monthly Energy Consumption | Monthly Bill | 2012 | Rate | Monthly Energy Consumption | Monthly Bill | Rate | Monthly Energy Consumption | Bill | Rate | Monthly Energy Consumption | Monthly Bill |
| | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ |
| Current Funding Case | | | | | | | | | | Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$0.20 | | | | | | \$0.20 | Monthly Service Charge (fixed) | | | \$0.20 | | | | | | \$0.20 |
| Volumetric Component | \$0.15039 | 387 | \$58.20 | \$0.12176 | 387 | \$47.12 | \$0.02863 | 387 | \$11.08 | Volumetric Component | \$0.15039 | 450 | \$67.68 | \$0.12176 | 450 | \$54.79 | \$0.02863 | 450 | \$12.88 |
| Total | | | \$58.40 | | | \$47.12 | | | \$11.28 | Total | | | \$67.88 | | | \$54.79 | | | \$13.08 |
| Incremental Case (Proposed) | | | | | | | | | | Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$0.20 | | | | | | \$0.20 | Monthly Service Charge (fixed) | | | \$0.20 | | | | | | \$0.20 |
| Volumetric Component | \$0.14895 | 362 | \$53.96 | \$0.11966 | 362 | \$43.35 | \$0.02929 | 362 | \$10.61 | Volumetric Component | \$0.14895 | 450 | \$67.03 | \$0.11966 | 450 | \$53.85 | \$0.02929 | 450 | \$13.18 |
| Total | | | \$54.16 | | | \$43.35 | | | \$10.81 | Total | | | \$67.23 | | | \$53.85 | | | \$13.38 |
| Differences | Total | | Average | Supply | | Average | Delivery | | Average | Differences | Total | | Average | Supply | | Average | Delivery | | Average |
| | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly | Electric | Monthly Energy | Monthly |
| | Rate | Consumption | Bill | Rate | Consumption | Bill | Rate | Consumption | Bill | | Rate | Consumption | Bill | Rate | Consumption | Bill | Rate | Consumption | Bill |
| In Units | (\$0.00144) | (25) | (\$4.24) | (\$0.00210) | (25) | (\$3.77) | \$0.00066 | (25) | (\$0.47) | In Units | (\$0.00144) | 0 | (\$0.65) | (\$0.00210) | 0 | (\$0.94) | \$0.00066 | 0 | \$0.30 |
| % | -0.96% | -6.40% | -7.27% | -1.72% | -6.40% | -8.01% | 2.30% | -6.40% | -4.17% | % | -0.96% | 0.00% | -0.95% | -1.72% | 0.00% | -1.72% | 2.30% | 0.00% | 2.27% |
| | | BECO | OW INCO | MF (R2) F | PARTICIPANT | | | | | | | BECOLO | W INCOME | (R2) - NO | N-PARTICIPAN | т | | | |
| | | BECUI | EQM IMCO | ME (NZ) - I | ARTICIPANT | | | | | | | BECO LO | AT IINCOIVIE | - (N2) - N U | NOT AIR HIGHPAIN | | | | |

| | | BECO LO | W INCOME | (R2) - RATE | CLASS TOTAL | | | | |
|--|---------------------------|-------------------------------|------------------------------|-------------------------|--|----------------------------|------------------------------|-------------------------------|------------------------------|
| | | otal Rates and Bi | | Sup | ply Rates and Bills | | | livery Rates and I | |
| 2010 | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| | (\$/kWh) | kWh | S | (\$/kWh) | kWh | S | (\$/kWh) | kWh | \$ |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total | \$0.15188 | 443 | \$0.20 \$67.23 \$67.43 | \$0.12329 | 443 | \$54.58 \$54.58 | \$0.02859 | 443 | \$0.20 \$12.66 \$12.86 |
| Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$0.15176 | 441 | \$0.20 \$66.88 \$67.08 | \$0.12306 | 441 | \$54.23 \$54.23 | \$0.02870 | 441 | \$0.20 \$12.65 \$12.85 |
| Differences | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| In Units % | (\$0.00012) -0.08% | (2) -0.45% | (\$0.35) -0.53% | (\$0.00023) -0.19% | (2) -0.45% | (\$0.35) -0.63% | \$0.00011 0.38% | (2) -0.45% | (\$0.01) -0.07% |
| _ | | | | | CLASS TOTAL | | | | |
| 2011 | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | ply Rates and Bills Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total | \$0.14757 | 435 | \$0.20 \$64.22 \$64.42 | \$0.11895 | 435 | \$51.77 \$51.77 | \$0.02862 | 435 | \$0.20 \$12.45 \$12.65 |
| Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$0.14702 | 428 | \$0.20 \$62.93 \$63.13 | \$0.11810 | 428 | \$50.55 \$50.55 | \$0.02892 | 428 | \$0.20 \$12.38 \$12.58 |
| Differences | Total Electric | Monthly Energy | Average Monthly | Supply | Monthly Energy | Average Monthly | Delivery Electric | Monthly Energy | Average Monthly |
| In Units % | (\$0.00055) -0.37% | (7) -1.65% | (\$1.29) -2.01% | (\$0.00085) -0.71% | (7) -1.65% | (\$1.22) -2.35% | \$0.00030 1.06% | (7) -1.65% | (\$0.08) -0.59% |
| | | | W INCOME | | CLASS TOTAL | | | | |
| 2012 | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | ply Rates and Bills Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| Current Funding Case | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ | (\$/kWh) | kWh | \$ |
| Monthly Service Charge (fixed) Volumetric Component Total | \$0.15039 | 428 | \$0.20 \$64.44 \$64.64 | \$0.12176 | 428 | \$52.17 \$52.17 | \$0.02863 | 428 | \$0.20 \$12.27 \$12.47 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$0.14895 | 411 | \$0.20 \$61.19 \$61.39 | \$0.11966 | 411 | \$49.15 \$49.15 | \$0.02929 | 411 | \$0.20 \$12.03 \$12.23 |
| Differences | Total Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Supply Electric Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Electric Rate | Monthly Energy Consumption | Average Monthly Bill |
| In Units % | (\$0.00144) -0.96% | (18) -4.13% | (\$3.25) -5.03% | (\$0.00210) -1.72% | (18) -4.13% | (\$3.02) -5.78% | \$0.00066 2.30% | (18) -4.13% | (\$0.24) -1.89% |
| | | BECO LO | W INCOME | (R2) - RATE | CLASS TOTAL | _ | | | |

NSTAR BECO Low Income (R2) Customer Bill Impacts



NSTAR BECO Low Income (R2) Customer Bill Impacts



BAY STATE GAS COMPANY

Bay State Gas Company Bill Impacts - Non-Participant vs. 2010 Participant & Non-Participant vs. Average C & I - Low Annual Use/High Peak Period - Rate (G40)

| | С | urren | t Funding | Ca | se | | | | | Inc | ren | nental Cas | е | | | |
|---------------------------------|-----------------------------|-------|-----------|----|-----------|---------------|----|---------|---------------------|---------------|-----|------------|----|----------|----|---------|
| 2010 | | | | | | | Cu | ıstomer | Monthly Consumption | | | | | | Cu | ıstomer |
| | Monthly Consumption (therm) | | Total | | Supply | Delivery | | harge | (therm) | Total | | Supply | | Delivery | | harge |
| Gas Rate (\$/therm) | | \$ | 1.27854 | \$ | 0.92270 | \$ 0.35584 | | | | \$ 1.28114 | \$ | 0.92270 | \$ | 0.35844 | | |
| Non-Participant | 112.18 | \$ | 161.12 | \$ | 103.51 | \$ 39.92 | \$ | 17.69 | 112.18 | \$ 161.41 | \$ | 103.51 | \$ | 40.21 | \$ | 17.69 |
| Participant | 92.80 | \$ | 136.34 | \$ | 85.63 | \$ 33.02 | \$ | 17.69 | 90.87 | \$ 134.11 | \$ | 83.85 | \$ | 32.57 | \$ | 17.69 |
| In Units (vs. Non-Participants) | (19.38) | | (\$24.78) | | (\$17.88) | (\$6.90) | | | (21.31) | (\$27.30) | | (\$19.67) | | (\$7.64) | | |
| In % (vs. Non-Participants) | -17.28% | | -15.38% | | -17.28% | -17.28% | | | -19.00% | -16.92% | | -19.00% | | -19.00% | | |
| Total Rate Class | 112.18 | | 161.12 | | 103.51 | 39.92 | \$ | 17.69 | 112.17 | 161.40 | | 103.50 | | 40.21 | \$ | 17.69 |
| In Units (vs. Non-Participants) | 0.00 | | \$0.00 | | \$0.00 | \$0.00 | | | (0.01) | (\$0.01) | | (\$0.01) | | (\$0.00) | | |
| In % (vs. Non-Participants) | 0.00% | | 0.00% | | 0.00% | 0.00% | | | -0.01% | -0.01% | | -0.01% | | -0.01% | | |

| | Cı | ırren | t Funding | Ca | se | | | | | Inc | ren | nental Cas | е | | | |
|---------------------------------|-----------------------------|-------|-----------|----|-----------|---------------|----|--------|------------------------|---------------|-----|------------|----|----------|----|---------|
| 2011 | | | | | | | Cu | stomer | Monthly Consumption | | | | | | Cu | ıstomer |
| | Monthly Consumption (therm) | | Total | | Supply | Delivery | | harge | (therm) | Total | | Supply | | Delivery | | harge |
| Gas Rate (\$/therm) | | \$ | 1.31605 | \$ | 0.92270 | \$ 0.39335 | | | | \$ 1.32296 | \$ | 0.92270 | \$ | 0.40026 | | |
| Non-Participant | 112.18 | \$ | 165.33 | \$ | 103.51 | \$ 44.13 | \$ | 17.69 | 112.18 | \$ 166.10 | \$ | 103.51 | \$ | 44.90 | \$ | 17.69 |
| Participant | 92.80 | \$ | 139.82 | \$ | 85.63 | \$ 36.50 | \$ | 17.69 | 90.87 | \$ 137.91 | \$ | 83.85 | \$ | 36.37 | \$ | 17.69 |
| In Units (vs. Non-Participants) | (19.38) | | (\$25.51) | | (\$17.88) | (\$7.62) | | | (21.31) | (\$28.20) | | (\$19.67) | | (\$8.53) | | |
| In % (vs. Non-Participants) | -17.28% | | -15.43% | | -17.28% | -17.28% | | | -19.00% | -16.98% | | -19.00% | | -19.00% | | |
| Total Rate Class | 110.42 | | 163.01 | | 101.89 | 43.44 | \$ | 17.69 | 110.34 | 163.66 | | 101.81 | | 44.16 | \$ | 17.69 |
| In Units (vs. Non-Participants) | (1.76) | | (\$2.31) | | (\$1.62) | (\$0.69) | | | (1.84) | (\$2.44) | | (\$1.70) | | (\$0.74) | | |
| In % (vs. Non-Participants) | -1.57% | | -1.40% | | -1.57% | -1.57% | | | -1.64% | -1.47% | | -1.64% | | -1.64% | | |

| | Cı | ırren | t Funding | Ca | se | | | | Inc | ren | nental Case | е | | |
|---------------------------------|-----------------------------|-------|-----------|----|-----------|---------------|-----------------|-----------------------------------|---------------|-----|-------------|----|----------|-------------------|
| 2012 | Monthly Consumption (therm) | | Total | | Supply | Delivery | stomer harge | Monthly Consumption (therm) | Total | | Supply | | Delivery | istomer Charge |
| Gas Rate (\$/therm) | | \$ | 1.31872 | \$ | 0.92270 | \$ 0.39602 | | | \$ 1.33207 | \$ | 0.92270 | \$ | 0.40937 | |
| Non-Participant | 112.18 | \$ | 165.63 | \$ | 103.51 | \$ 44.43 | \$ 17.69 | 112.18 | \$ 167.13 | \$ | 103.51 | \$ | 45.92 | \$ 17.69 |
| Participant | 92.80 | \$ | 140.07 | \$ | 85.63 | \$ 36.75 | \$ 17.69 | 90.87 | \$ 138.74 | \$ | 83.85 | \$ | 37.20 | \$ 17.69 |
| In Units (vs. Non-Participants) | (19.38) | | (\$25.56) | | (\$17.88) | (\$7.68) | | (21.31) | (\$28.39) | | (\$19.67) | | (\$8.72) | |
| In % (vs. Non-Participants) | -17.28% | | -15.43% | | -17.28% | -17.28% | | -19.00% | -16.99% | | -19.00% | | -19.00% | |
| Total Rate Class | 110.42 | | 163.31 | | 101.89 | 43.73 | \$ 17.69 | 110.26 | 164.56 | | 101.73 | | 45.14 | \$ 17.69 |
| In Units (vs. Non-Participants) | (1.76) | | (\$2.32) | | (\$1.62) | (\$0.70) | | (1.93) | (\$2.57) | | (\$1.78) | | (\$0.79) | |
| In % (vs. Non-Participants) | -1.57% | | -1.40% | | -1.57% | -1.57% | | -1.72% | -1.54% | | -1.72% | | -1.72% | |

Availability of Service (Per Tariff):

Commercial and Industrial customers for all purposes when gas is for their exclusive use and not for resale. Must have annual usage between 1 therm and 4,999 therms and peak period usage greater than or equal to 70 percent of annual use.

Character of Service (Per Tariff):

Continuous supply of gas of not less than 1,000 Btu per cubic foot.

Bay State Gas Company Participant 2010 Only - Consumption Savings

Bay State Gas Company Participant 2010, 2011 and 2012 Consumption Savings

| | | C & I - Low A | nnual Use/Hi | gh Peak Peri | od - Rate (G40) | | | | |
|--|-------------------|----------------------------------|---------------------------------|-------------------------|----------------------------------|------------------------------|-------------------------|-------------------------------|-------------------------------|
| 2010 | To | tal Rates and Bi | lls | Sup | ply Rates and | Bills | Del | ivery Rates and B | ills |
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| Current Funding Case | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.2785 | 92.80 | \$17.69 \$118.65 \$136.34 | \$0.9227 | 92.80 | \$0.00 \$85.63 \$85.63 | \$0.3558 | 92.80 | \$17.69 \$33.02 \$50.71 |
| Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$1.2811 | 90.87 | \$17.69 \$116.42 \$134.11 | \$0.9227 | 90.87 | \$0.00 \$83.85 \$83.85 | \$0.3584 | 90.87 | \$17.69 \$32.57 \$50.26 |
| Differences | | | | | | | | | |
| In Units % | \$0.0026 0.20% | (1.93) -2.08% | \$ (\$2.23) -1.64% | \$ \$0.0000 0.00% | (1.93) -2.08% | \$ (\$1.78) -2.08% | \$ \$0.0026 0.73% | (1.93) -2.08% | \$ (\$0.45) -0.89% |

| 2011 | To | tal Rates and Bil | ls | Sup | ply Rates and I | Bills | Del | ivery Rates and B | ills |
|--------------------------------|-----------|-------------------|----------|-----------|-----------------|----------|----------|-------------------|----------|
| | | Monthly | Average | | Monthly | Average | | | Average |
| | Total Gas | Energy | Monthly | Total Gas | Energy | Monthly | Delivery | Monthly Energy | Monthly |
| Participant | Rate | Consumption | Bill | Rate | Consumption | Bill | Gas Rate | Consumption | Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$17.69 | | | \$0.00 | | | \$17.69 |
| | | | | | | | | | |
| Volumetric Component | \$1.3161 | 92.80 | \$122.13 | \$0.9227 | 92.80 | \$85.63 | \$0.3934 | 92.80 | \$36.50 |
| Total | | | \$139.82 | | | \$85.63 | | | \$54.19 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$17.69 | | | \$0.00 | | | \$17.69 |
| Volumetric Component | \$1.3230 | 90.87 | \$120.22 | \$0.9227 | 90.87 | \$83.85 | \$0,4003 | 90.87 | \$36.37 |
| Total | * | | \$137.91 | | | \$83.85 | ******* | | \$54.06 |
| 1.5 | | | | | | ******* | | | ••••• |
| Differences | | | | | | | | | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| In Units | \$0.0069 | (1.93) | (\$1.91) | \$0.0000 | (1.93) | (\$1.78) | \$0.0069 | (1.93) | (\$0.13) |
| % | 0.53% | -2.08% | -1.37% | 0.00% | -2.08% | -2.08% | 1.76% | -2.08% | -0.24% |
| | | | | l | | | | | |

| 2012 | To | tal Rates and Bil | ls | Sup | ply Rates and | Bills | Del | ivery Rates and B | ills |
|---|-------------------|----------------------------------|---------------------------------|-------------------------|----------------------------------|------------------------------|----------------------------|-------------------------------|-------------------------------|
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.3187 | 92.80 | \$17.69 \$122.38 \$140.07 | \$0.9227 | 92.80 | \$0.00 \$85.63 \$85.63 | \$0.3960 | 92.80 | \$17.69 \$36.75 \$54.44 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.3321 | 90.87 | \$17.69 \$121.05 \$138.74 | \$0.9227 | 90.87 | \$0.00 \$83.85 \$83.85 | \$0.4094 | 90.87 | \$17.69 \$37.20 \$54.89 |
| Differences | | | | | | | | | |
| In Units % | \$0.0133 1.01% | Therm (1.93) -2.08% | \$ (\$1.33) -0.95% | \$ \$0.0000 0.00% | Therm (1.93) -2.08% | \$ (\$1.78) -2.08% | Therm \$0.0133 3.37% | Therm (1.93) -2.08% | \$ \$0.45 0.82% |

| | C & I - Low Annual Use/High Peak Period - Rate (G40) Total Rates and Bills Supply Rates and Bills Delivery Rates and Bills | | | | | | | | | | | | | |
|---|---|----------------------------------|--|-------------------------|---|--|-------------------------|-------------------------------|--|--|--|--|--|--|
| 2010 | To | tal Rates and Bil | ls | Sup | ply Rates and I | Bills | Del | ivery Rates and B | ills | | | | | |
| Participant | Total Gas Rate S | Monthly Energy Consumption | Average Monthly Bill S | Total Gas Rate | Monthly Energy Consumption Therm | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill | | | | | |
| Current Funding Case | • | rnerm | • | • | rnerm | ٠ | • | rnerm | a a | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$1.2785 | 92.80 90.87 | \$17.69 \$118.65 \$136.34 \$17.69 \$116.42 \$134.11 | \$0.9227 \$0.9227 | 92.80 90.87 | \$0.00 \$85.63 \$85.63 \$0.00 \$83.85 \$83.85 | \$0.3558 \$0.3584 | 92.80 90.87 | \$17.69 \$33.02 \$50.71 \$17.69 \$32.57 \$50.26 | | | | | |
| Differences | | | | | | | | | | | | | | |
| In Units % | \$ \$0.0026 0.20% | Therm (1.93) -2.08% | \$ (\$2.23) -1.64% | \$ \$0.0000 0.00% | Therm (1.93) -2.08% | \$ (\$1.78) -2.08% | \$ \$0.0026 0.73% | (1.93) -2.08% | \$ (\$0.45) -0.89% | | | | | |

| 2011 | To | tal Rates and Bil | ls | Sup | ply Rates and I | Bills | Del | ivery Rates and B | ills |
|---|-------------------------|----------------------------------|---------------------------------|-------------------------|----------------------------------|------------------------------|-------------------------|-------------------------------|-------------------------------|
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| · | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total Incremental Case (Proposed) | \$1.3161 | 92.80 | \$17.69 \$122.13 \$139.82 | \$0.9227 | 92.80 | \$0.00 \$85.63 \$85.63 | \$0.3934 | 92.80 | \$17.69 \$36.50 \$54.19 |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.3230 | 88.62 | \$17.69 \$117.24 \$134.93 | \$0.9227 | 88.62 | \$0.00 \$81.77 \$81.77 | \$0.4003 | 88.62 | \$17.69 \$35.47 \$53.16 |
| Differences | | | | | | | | | |
| In Units % | \$ \$0.0069 0.53% | Therm (4.18) -4.50% | \$ (\$4.89) -3.50% | \$ \$0.0000 0.00% | Therm (4.18) -4.50% | \$ (\$3.86) -4.50% | \$ \$0.0069 1.76% | Therm (4.18) -4.50% | \$ (\$1.03) -1.90% |

| 2012 | To | tal Rates and Bil | ls | Sup | ply Rates and I | Bills | Del | ivery Rates and B | ills |
|--|-------------------|----------------------------------|---------------------------------|-------------------------|----------------------------------|------------------------------|----------------------------|-------------------------------|-------------------------------|
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total | \$1.3187 | 92.80 | \$17.69 \$122.38 \$140.07 | \$0.9227 | 92.80 | \$0.00 \$85.63 \$85.63 | \$0.3960 | 92.80 | \$17.69 \$36.75 \$54.44 |
| Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$1.3321 | 86.38 | \$17.69 \$115.06 \$132.75 | \$0.9227 | 86.38 | \$0.00 \$79.70 \$79.70 | \$0.4094 | 86.38 | \$17.69 \$35.36 \$53.05 |
| Differences | | | | | | | | | |
| In Units % | \$0.0133 1.01% | Therm (6.42) -6.92% | \$ (\$7.31) -5.22% | \$ \$0.0000 0.00% | Therm (6.42) -6.92% | \$ (\$5.92) -6.92% | Therm \$0.0133 3.37% | Therm (6.42) -6.92% | \$ (\$1.39) -2.55% |

Bay State Gas Company Non-Participant

Bay State Gas Company Average

| | | C & I - Low | Annual Use/ | High Peak P | eriod - Rate (G40 |) | | | |
|---|-------------------------|----------------------------------|---------------------------------|-------------------------|----------------------------------|--------------------------------|-------------------------|----------------------------------|-------------------------------|
| 2010 | To | tal Rates and Bil | ls | Su | pply Rates and E | ills | Deli | very Rates and E | ills |
| Non-Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.2785 | 112.18 | \$17.69 \$143.43 \$161.12 | \$0.9227 | 112.18 | \$0.00 \$103.51 \$103.51 | \$0.3558 | 112.18 | \$17.69 \$39.92 \$57.61 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.2811 | 112.18 | \$17.69 \$143.72 \$161.41 | \$0.9227 | 112.18 | \$0.00 \$103.51 \$103.51 | \$0.3584 | 112.18 | \$17.69 \$40.21 \$57.90 |
| Differences | | | | | | | | | |
| In Units % | \$ \$0.0026 0.20% | 7herm 0.00 0.00% | \$ \$0.29 0.18% | \$ \$0.0000 0.00% | 7herm 0.00 0.00% | \$ \$0.00 0.00% | \$ \$0.0026 0.73% | 0.00 0.00% | \$ \$0.29 0.51% |

| 2011 | To | tal Rates and Bil | ls | Su | pply Rates and E | Bills | Deli | very Rates and E | ills |
|--------------------------------|-----------|-------------------|--------------------|-----------|-------------------|--------------------|----------|-------------------|--------------------|
| | Total Gas | Monthly Energy | Average Monthly | Total Gas | Monthly Energy | Average Monthly | Delivery | Monthly Energy | Average Monthly |
| Non-Participant | Rate | Consumption | Bill | Rate | Consumption | Bill | Gas Rate | Consumption | Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$17.69 | | | \$0.00 | | | \$17.69 |
| Volumetric Component | \$1.3161 | 112.18 | \$147.64 | \$0.9227 | 112.18 | \$103.51 | \$0.3934 | 112.18 | \$44.13 |
| Total | | | \$165.33 | | | \$103.51 | | | \$61.82 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$17.69 | | | \$0.00 | | | \$17.69 |
| Volumetric Component | \$1.3230 | 112.18 | \$148.41 | \$0.9227 | 112.18 | \$103.51 | \$0.4003 | 112.18 | \$44.90 |
| Total | | | \$166.10 | | | \$103.51 | | | \$62.59 |
| Differences | | | | | | | | | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| In Units | \$0.0069 | 0.00 | \$0.78 | \$0.0000 | 0.00 | \$0.00 | \$0.0069 | 0.00 | \$0.78 |
| % | 0.53% | 0.00% | 0.47% | 0.00% | 0.00% | 0.00% | 1.76% | 0.00% | 1.25% |

| 2012 | То | tal Rates and Bil | ls | Su | pply Rates and E | Bills | Deli | very Rates and E | ills |
|---|-------------------|----------------------------------|---------------------------------|-------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------------|-------------------------------|
| Non-Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.3187 | 112.18 | \$17.69 \$147.94 \$165.63 | \$0.9227 | 112.18 | \$0.00 \$103.51 \$103.51 | \$0.3960 | 112.18 | \$17.69 \$44.43 \$62.12 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.3321 | 112.18 | \$17.69 \$149.44 \$167.13 | \$0.9227 | 112.18 | \$0.00 \$103.51 \$103.51 | \$0.4094 | 112.18 | \$17.69 \$45.92 \$63.61 |
| Differences | | | | | | | | | |
| In Units | \$0.0133 1.01% | 7herm 0.00 0.00% | \$ \$1.50 0.90% | \$ \$0.0000 0.00% | 7herm 0.00 0.00% | \$ \$0.00 0.00% | Therm \$0.0133 3.37% | 7herm 0.00 0.00% | \$ \$1.50 2.41% |

| | | C & I - Lov | Annual Use | High Peak P | eriod - Rate (G40 | 1) | | | |
|--------------------------------|-------------------|----------------------------------|----------------------------|-------------------------|----------------------------------|----------------------------|----------------------|-------------------------------|----------------------------|
| 2010 | Т | otal Rates and Bi | lls | Su | pply Rates and E | Bills | De | livery Rates and I | Bills |
| Average | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$17.69 | | | \$0.00 | | | \$17.69 |
| Volumetric Component | \$1.2785 | 112.18 | \$143.43 | \$0.9227 | 112.18 | \$103.51 | \$0.3558 | 112.18 | \$39.92 |
| Total | | | \$161.12 | | | \$103.51 | | | \$57.61 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$17.69 | | | \$0.00 | | | \$17.69 |
| Volumetric Component | \$1,2811 | 112.17 | \$143.71 | \$0.9227 | 112.17 | \$103.50 | | 112.17 | \$40.21 |
| Total | | | \$161.40 | | | \$103.50 | | | \$57.90 |
| Differences | \$ | Therm | \$ | | | | \$ | Therm | \$ |
| In Units % | \$0.0026 0.20% | (0.01) -0.01% | \$0.28 0.17% | \$ \$0.0000 0.00% | Therm (0.01) -0.01% | \$ (\$0.01) -0.01% | \$0.0026 0.73% | (0.01) -0.01% | \$0.29 0.50% |

| 2011 | T | otal Rates and Bi | lls | Su | pply Rates and B | ills | De | livery Rates and E | Bills |
|--------------------------------|-------------------|----------------------------------|----------------------------|-------------------|----------------------------------|----------------------------|----------------------|-------------------------------|----------------------------|
| Average | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| _ | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$17.69 | | | \$0.00 | | | \$17.69 |
| Volumetric Component | \$1.3161 | 110.42 | \$145.32 | \$0.9227 | 110.42 | \$101.89 | \$0.3934 | 110.42 | \$43.44 |
| Total | | | \$163.01 | | | \$101.89 | | | \$61.13 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$17.69 | | | \$0.00 | | | \$17.69 |
| Volumetric Component | \$1.3230 | 110.34 | \$145.97 | \$0.9227 | 110.34 | \$101.81 | \$0.4003 | 110.34 | \$44.16 |
| Total | | | \$163.66 | | | \$101.81 | | | \$61.85 |
| Differences | \$ | Therm | \$ | | | | \$ | Therm | \$ |
| | | | | \$ | Therm | \$ | | | |
| In Units | \$0.0069 | (0.09) | \$0.65 | \$0.0000 | (0.09) | (\$0.08) | \$0.0069 | (0.09) | \$0.73 |
| % | 0.53% | -0.08% | 0.40% | 0.00% | -0.08% | -0.08% | 1.76% | -0.08% | 1.19% |

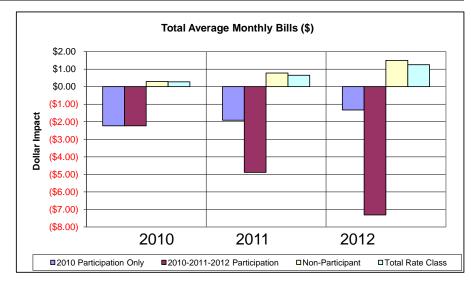
| 2012 | T | otal Rates and Bi | lls | Su | pply Rates and B | ills | De | livery Rates and E | Bills |
|---|-----------|-------------------|---------------------------------|-----------|-------------------|--------------------------------|----------|--------------------|-------------------------------|
| | Total Gas | Monthly Energy | Average Monthly | Total Gas | Monthly Energy | Average Monthly | Delivery | Monthly Energy | Average Monthly |
| Average | Rate | Consumption | Bill | Rate | Consumption | Bill | Gas Rate | Consumption | Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.3187 | 110.42 | \$17.69 \$145.62 \$163.31 | \$0.9227 | 110.42 | \$0.00 \$101.89 \$101.89 | \$0.3960 | 110.42 | \$17.69 \$43.73 \$61.42 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$17.69 | | | \$0.00 | | | \$17.69 |
| Volumetric Component | \$1,3321 | 110.26 | \$146.87 | \$0.9227 | 110.26 | \$101.73 | \$0,4094 | 110.26 | \$45.14 |
| Total | | | \$164.56 | | | \$101.73 | | | \$62.83 |
| Differences | \$ | Therm | \$ | | | | \$ | Therm | \$ |
| | | | | \$ | Therm | * | | | |
| In Units | \$0.0133 | (0.17) | \$1.25 | \$0.0000 | (0.17) | (\$0.15) | \$0.0133 | (0.17) | \$1.41 |
| % | 1.01% | -0.15% | 0.77% | 0.00% | -0.15% | -0.15% | 3.37% | -0.15% | 2.29% |

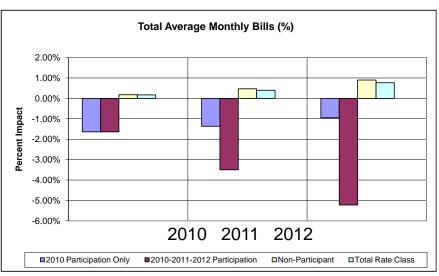
Bay State Gas Company Bill Impacts - Effect on a 2010 Only Participant and Non-Participant For all Program Years

C & I - Low Annual Use/High Peak Period - Rate (G40)

| 2010 PARTICIPANT Total Rates and Bills Supply Rates and Bills Delivery Rates and Bills | | | | | | | | | | | | | | |
|---|-----------|--------------|----------|-----------|-----------|----------|----------|-----------|----------|--|--|--|--|--|
| | Tota | al Rates and | Bills | Supp | | l Bills | Delive | | d Bills | | | | | |
| | | Monthly | | | Monthly | | | Monthly | | | | | | |
| | | Energy | Average | | Energy | Average | | Energy | Average | | | | | |
| | Total Gas | Consumpti | Monthly | Total Gas | Consumpti | Monthly | Delivery | Consumpti | Monthly | | | | | |
| 2010 | Rate | on | Bill | Rate | on | Bill | Gas Rate | on | Bill | | | | | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | | | | | |
| | | | | | | | | | | | | | | |
| Current Funding | \$1.2785 | 92.80 | \$136.34 | 0.9227 | 92.80 | \$85.63 | \$0.3558 | 92.80 | \$50.71 | | | | | |
| Incremental Funding | \$1.2811 | 90.87 | \$134.11 | 0.9227 | 90.87 | \$83.85 | \$0.3584 | 90.87 | \$50.26 | | | | | |
| Differences | | | | | | | | | | | | | | |
| In Units | \$0.0026 | (1.93) | (\$2.23) | \$0.0000 | (1.93) | (\$1.78) | \$0.0026 | (1.93) | (\$0.45) | | | | | |
| % | 0.20% | -2.08% | -1.64% | 0.00% | -2.08% | -2.08% | 0.73% | -2.08% | -0.89% | | | | | |
| 2011 | | | | | | • | | | | | | | | |
| Current Funding | \$1.3161 | 92.80 | \$139.82 | \$0.9227 | 92.80 | \$85.63 | \$0.3934 | 92.80 | \$54.19 | | | | | |
| Incremental Funding | \$1.3230 | 90.87 | \$137.91 | \$0.9227 | 90.87 | \$83.85 | \$0.4003 | 90.87 | \$54.06 | | | | | |
| Differences | | | | | | | | | | | | | | |
| In Units | \$0.0069 | (1.93) | (\$1.91) | \$0.0000 | (1.93) | (\$1.78) | \$0.0069 | (1.93) | (\$0.13) | | | | | |
| % | 0.53% | -2.08% | -1.37% | 0.00% | -2.08% | -2.08% | 1.76% | -2.08% | -0.24% | | | | | |
| 2012 | | | | | | | | | | | | | | |
| Current Funding | \$1.3187 | 92.80 | \$140.07 | \$0.9227 | 92.80 | \$85.63 | \$0.3960 | 92.80 | \$54.44 | | | | | |
| Incremental Funding | \$1.3321 | 90.87 | \$138.74 | \$0.9227 | 90.87 | \$83.85 | \$0.4094 | 90.87 | \$54.89 | | | | | |
| Differences | | | | | | | | | | | | | | |
| In Units | \$0.0133 | (1.93) | (\$1.33) | \$0.0000 | (1.93) | (\$1.78) | \$0.0133 | (1.93) | \$0.45 | | | | | |
| % | 1.01% | -2.08% | -0.95% | 0.00% | -2.08% | -2.08% | 3.37% | -2.08% | 0.82% | | | | | |

| | | | NON- | -PARTICIP | ANT | | | |
|-------------------|-------------------------------|--------------------|-------------------|-------------------------------|--------------------|-------------------|-------------------------------|--------------------|
| Tota | I Rates and | Bills | Supp | ly Rates and | d Bills | Delive | ry Rates and | d Bills |
| Total Gas | Monthly Energy Consumpt | Average Monthly | Total Gas | Monthly Energy Consumpt | Average Monthly | Delivery | Monthly Energy Consumpt | Average Monthly |
| Rate | ion | Bill | Rate | ion | Bill | Gas Rate | ion | Bill |
| \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| | | | | | | | | |
| \$1.2785 | 112.18 | \$161.12 | 0.9227 | 112.18 | \$103.51 | \$0.3558 | 112.18 | \$57.90 |
| \$1.2811 | 112.18 | \$161.41 | 0.9227 | 112.18 | \$103.51 | \$0.3584 | 112.18 | \$57.90 |
| \$0.0026 0.20% | 0.00 0.00% | \$0.29 0.18% | \$0.0000 0.00% | 0.00 0.00% | \$0.00 0.00% | \$0.0026 0.73% | 0.00 0.00% | \$0.29 0.51% |
| | | | | | | | | |
| \$1.3161 | 112.18 | \$165.33 | | 112.18 | \$103.51 | \$0.3934 | 112.18 | \$61.82 |
| \$1.3230 | 112.18 | \$166.10 | \$0.9227 | 112.18 | \$103.51 | \$0.4003 | 112.18 | \$62.59 |
| \$0.0069 0.53% | 0.00 0.00% | \$0.78 0.47% | \$0.0000 0.00% | 0.00 0.00% | \$0.00 0.00% | \$0.0069 1.76% | 0.00 0.00% | \$0.78 1.25% |
| | | | | | | | | |
| \$1.3187 | 112.18 | \$165.63 | | 112.18 | \$103.51 | \$0.3960 | 112.18 | \$62.12 |
| \$1.3321 | 112.18 | \$167.13 | \$0.9227 | 112.18 | \$103.51 | \$0.4094 | 112.18 | \$63.61 |
| \$0.0133 1.01% | 0.00 0.00% | \$1.50 0.90% | \$0.0000 0.00% | 0.00 0.00% | \$0.00 0.00% | \$0.0133 3.37% | 0.00 0.00% | \$1.50 2.41% |



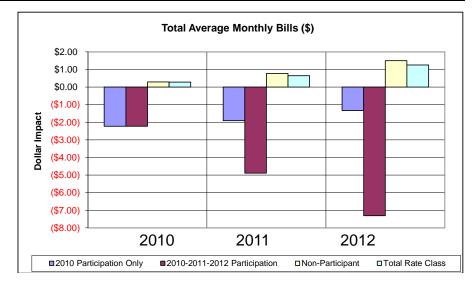


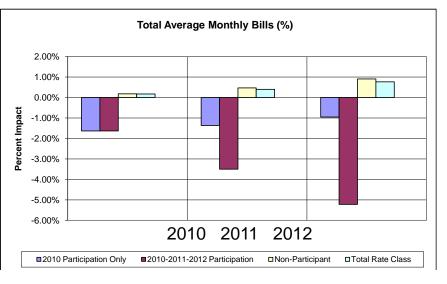
Bay State Gas Company Bill Impacts - Effect on Additional Participants in All Program Years and Average Rate Class For all Program Years

C & I - Low Annual Use/High Peak Period - Rate (G40)

| PARTICIPANT IN EACH PLAN YEAR Total Rates and Bills Supply Rates and Bills Delivery Rates and Bills | | | | | | | | | | | | | | |
|--|-----------|-----------|----------|-----------|---------------|----------|----------|---------------|----------|--|--|--|--|--|
| | Tota | | Bills | Supp | oly Rates and | d Bills | Delive | ery Rates and | d Bills | | | | | |
| | | Monthly | | | Monthly | | | Monthly | | | | | | |
| | | Energy | Average | | Energy | Average | | Energy | Average | | | | | |
| | Total Gas | Consumpti | Monthly | Total Gas | Consumpti | Monthly | Delivery | Consumpti | Monthly | | | | | |
| 2010 | Rate | on | Bill | Rate | on | Bill | Gas Rate | on | Bill | | | | | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | | | | | |
| | | | | | | | | | | | | | | |
| Current Funding | \$1.2785 | 92.80 | \$136.34 | 0.9227 | 92.80 | \$85.63 | \$0.3558 | 92.80 | \$50.71 | | | | | |
| Incremental Funding | \$1.2811 | 90.87 | \$134.11 | 0.9227 | 90.87 | \$83.85 | \$0.3584 | 90.87 | \$50.26 | | | | | |
| Differences | | | | | | | | | | | | | | |
| In Units | \$0.0026 | (1.93) | (\$2.23) | \$0.0000 | (1.93) | (\$1.78) | \$0.0026 | (1.93) | (\$0.45) | | | | | |
| % | 0.20% | -2.08% | -1.64% | 0.00% | -2.08% | -2.08% | 0.73% | -2.08% | -0.89% | | | | | |
| 2011 | | | | | | | | | | | | | | |
| Current Funding | \$1.3161 | 92.80 | \$139.82 | \$0.9227 | 92.80 | \$85.63 | \$0.3934 | 92.80 | \$54.19 | | | | | |
| Incremental Funding | \$1.3230 | 88.62 | \$134.93 | \$0.9227 | 88.62 | \$81.77 | \$0.4003 | 88.62 | \$53.16 | | | | | |
| Differences | | | | | | | | | | | | | | |
| In Units | \$0.0069 | (4.18) | (\$4.89) | \$0.0000 | (4.18) | (\$3.86) | \$0.0069 | (4.18) | (\$1.03) | | | | | |
| % | 0.53% | -4.50% | -3.50% | 0.00% | -4.50% | -4.50% | 1.76% | -4.50% | -1.90% | | | | | |
| 2012 | | | | | | | | | | | | | | |
| Current Funding | \$1.3187 | 92.80 | \$140.07 | \$0.9227 | 92.80 | \$85.63 | \$0.3960 | 92.80 | \$54.44 | | | | | |
| Incremental Funding | \$1.3321 | 86.38 | \$132.75 | \$0.9227 | 86.38 | \$79.70 | \$0.4094 | 86.38 | \$53.05 | | | | | |
| Differences | | | | | | | | | | | | | | |
| In Units | \$0.0133 | (6.42) | (\$7.31) | \$0.0000 | (6.42) | (\$5.92) | \$0.0133 | (6.42) | (\$1.39) | | | | | |
| % | 1.01% | -6.92% | -5.22% | 0.00% | -6.92% | -6.92% | 3.37% | -6.92% | -2.55% | | | | | |

| | | | TOTA | L RATE CI | _ASS | | | |
|------------------|--------------|----------|-----------|--------------|----------|----------|--------------|---------|
| Tota | al Rates and | Bills | Supp | ly Rates and | l Bills | Delive | ry Rates and | d Bills |
| | Monthly | | | Monthly | | | Monthly | |
| | Energy | Average | | Energy | Average | | Energy | Average |
| Total Gas | Consumpt | Monthly | Total Gas | Consumpt | Monthly | Delivery | Consumpt | Monthly |
| Rate | ion | Bill | Rate | ion | Bill | Gas Rate | ion | Bill |
| \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| | | | | | | | | |
| \$1.2785 | 112.18 | \$161.12 | 0.9227 | 112.18 | \$103.51 | \$0.3558 | 112.18 | \$57.61 |
| \$1.2811 | 112.17 | \$161.40 | 0.9227 | 112.17 | \$103.50 | \$0.3584 | 112.17 | \$57.90 |
| | | | | | | | | |
| \$0.0026 | (0.01) | \$0.28 | \$0.0000 | (0.01) | (\$0.01) | \$0.0026 | (0.01) | \$0.29 |
| 0.20% | -0.01% | 0.17% | 0.00% | -0.01% | -0.01% | 0.73% | -0.01% | 0.50% |
| | | | | | | | | |
| | | | | | | | | |
| \$1.3161 | 110.42 | \$163.01 | \$0.9227 | 110.42 | \$101.89 | | 110.42 | \$61.13 |
| \$1.3230 | 110.34 | \$163.66 | \$0.9227 | 110.34 | \$101.81 | \$0.4003 | 110.34 | \$61.85 |
| | | | | | | | | |
| \$0.0069 | (0.09) | \$0.65 | \$0.0000 | (0.09) | (\$0.08) | \$0.0069 | (0.09) | \$0.73 |
| 0.53% | -0.08% | 0.40% | 0.00% | -0.08% | -0.08% | 1.76% | -0.08% | 1.19% |
| | | | | | | | | |
| | | | | | | | | |
| \$1.3187 | 110.42 | \$163.31 | \$0.9227 | 110.42 | \$101.89 | \$0.3960 | 110.42 | \$61.42 |
| \$1.3321 | 110.26 | \$164.56 | \$0.9227 | 110.26 | \$101.73 | \$0.4094 | 110.26 | \$62.83 |
| | | | | | | | | |
| \$0.0133 | (0.17) | \$1.25 | \$0.0000 | (0.17) | (\$0.15) | \$0.0133 | (0.17) | \$1.41 |
| 1.01% | -0.15% | 0.77% | 0.00% | -0.15% | -0.15% | 3.37% | -0.15% | 2.29% |





Bay State Gas Company

Bill Impacts - Non-Participant vs. 2010 Participant & Non-Participant vs. Average

C & I - High Annual Use/High Peak Period - Rate (G42)

| | С | urrent | Funding | Ca | se | | | | Inc | ren | nental Cas | е | | |
|---------------------------------|-----------------------------|--------|------------|----|------------|----------------|------------------|-----------------------------------|----------------|-----|------------|----|------------|--------------------|
| 2010 | Monthly Consumption (therm) | | Total | | Supply | Delivery | istomer harge | Monthly Consumption (therm) | Total | | Supply | | Delivery | Customer Charge |
| Gas Rate (\$/therm) | | \$ | 1.10379 | \$ | 0.90670 | \$ 0.19709 | | | \$ 1.10625 | \$ | 0.90670 | \$ | 0.19955 | |
| Non-Participant | 5290.26 | \$ | 6,072.51 | \$ | 4,796.68 | \$ 1,042.63 | \$ 233.20 | 5290.26 | \$ 6,085.55 | \$ | 4,796.68 | \$ | 1,055.68 | \$ 233.20 |
| Participant | 4439.85 | \$ | 5,133.84 | \$ | 4,025.61 | \$ 875.03 | \$ 233.20 | 4364.46 | \$ 5,061.39 | \$ | 3,957.26 | \$ | 870.93 | \$ 233.20 |
| In Units (vs. Non-Participants) | (850.41) | | (\$938.67) | | (\$771.06) | (\$167.60) | | (925.80) | (\$1,024.16) | | (\$839.42) | | (\$184.74) | |
| In % (vs. Non-Participants) | -16.07% | | -15.46% | | -16.07% | -16.07% | | -17.50% | -16.83% | | -17.50% | | -17.50% | |
| Total Rate Class | 5290.26 | | 6,072.51 | | 4,796.68 | 1,042.63 | \$ 233.20 | 5289.77 | 6,085.01 | | 4,796.23 | | 1,055.58 | \$ 233.20 |
| In Units (vs. Non-Participants) | 0.00 | | \$0.00 | | \$0.00 | \$0.00 | | (0.49) | (\$0.54) | | (\$0.44) | | (\$0.10) | |
| In % (vs. Non-Participants) | 0.00% | | 0.00% | | 0.00% | 0.00% | | -0.01% | -0.01% | | -0.01% | | -0.01% | |

| | Cu | irrent | Funding | Ca | se | | | | Inc | rer | nental Case | е | | | |
|---------------------------------|-----------------------------|--------|------------|----|------------|----------------|-----------|---------------------|----------------|-----|-------------|----|------------|----|---------|
| 2011 | | | _ | | | | Customer | Monthly Consumption | | | | | | c | ustomer |
| | Monthly Consumption (therm) | | Total | | Supply | Delivery | Charge | (therm) | Total | | Supply | | Delivery | | Charge |
| Gas Rate (\$/therm) | | \$ | 1.13891 | \$ | 0.90670 | \$ 0.23221 | _ | | \$ 1.14555 | \$ | 0.90670 | \$ | 0.23885 | | |
| Non-Participant | 5290.26 | \$ | 6,258.30 | \$ | 4,796.68 | \$ 1,228.43 | \$ 233.20 | 5290.26 | \$ 6,293.43 | \$ | 4,796.68 | \$ | 1,263.56 | \$ | 233.20 |
| Participant | 4439.85 | \$ | 5,289.77 | \$ | 4,025.61 | \$ 1,030.96 | \$ 233.20 | 4364.46 | \$ 5,232.89 | \$ | 3,957.26 | \$ | 1,042.43 | \$ | 233.20 |
| In Units (vs. Non-Participants) | (850.41) | | (\$968.53) | | (\$771.06) | (\$197.47) | | (925.80) | (\$1,060.54) | | (\$839.42) | | (\$221.12) |) | |
| In % (vs. Non-Participants) | -16.07% | | -15.48% | | -16.07% | -16.07% | | -17.50% | -16.85% | | -17.50% | | -17.50% | , | |
| Total Rate Class | 5207.32 | | 6,163.84 | | 4,721.47 | 1,209.17 | \$ 233.20 | 5203.28 | 6,193.79 | | 4,717.81 | | 1,242.78 | \$ | 233.20 |
| In Units (vs. Non-Participants) | (82.94) | | (\$94.46) | | (\$75.20) | (\$19.26) | | (86.98) | (\$99.64) | | (\$78.87) | | (\$20.78) | | |
| In % (vs. Non-Participants) | -1.57% | | -1.51% | | -1.57% | -1.57% | | -1.64% | -1.58% | | -1.64% | | -1.64% | , | |

| | Cı | ırrent | Funding | Ca | se | | | | Inc | rer | nental Cas | е | | |
|---------------------------------|-----------------------------|--------|------------|----|------------|----------------|--------------------|-----------------------------------|----------------|-----|------------|----|------------|-------------------|
| 2012 | Monthly Consumption (therm) | | Total | | Supply | Delivery | Customer Charge | Monthly Consumption (therm) | Total | | Supply | | Delivery | ustomer Charge |
| Gas Rate (\$/therm) | . , , | \$ | 1.14405 | \$ | 0.90670 | \$ 0.23735 | | | \$ 1.15543 | \$ | 0.90670 | \$ | 0.24873 | |
| Non-Participant | 5290.26 | \$ | 6,285.51 | \$ | 4,796.68 | \$ 1,255.63 | \$ 233.20 | 5290.26 | \$ 6,345.72 | \$ | 4,796.68 | \$ | 1,315.84 | \$ 233.20 |
| Participant | 4439.85 | \$ | 5,312.60 | \$ | 4,025.61 | \$ 1,053.79 | \$ 233.20 | 4364.46 | \$ 5,276.03 | \$ | 3,957.26 | \$ | 1,085.57 | \$ 233.20 |
| In Units (vs. Non-Participants) | (850.41) | | (\$972.91) | | (\$771.06) | (\$201.84) | | (925.80) | (\$1,069.69) | | (\$839.42) | | (\$230.27) | |
| In % (vs. Non-Participants) | -16.07% | | -15.48% | | -16.07% | -16.07% | | -17.50% | -16.86% | | -17.50% | | -17.50% | |
| Total Rate Class | 5207.32 | | 6,190.62 | | 4,721.47 | 1,235.95 | \$ 233.20 | 5199.40 | 6,240.74 | | 4,714.29 | | 1,293.24 | \$ 233.20 |
| In Units (vs. Non-Participants) | (82.94) | | (\$94.89) | | (\$75.20) | (\$19.69) | | (90.86) | (\$104.99) | | (\$82.39) | | (\$22.60) | |
| In % (vs. Non-Participants) | -1.57% | | -1.51% | | -1.57% | -1.57% | | -1.72% | -1.65% | | -1.72% | | -1.72% | |

Availability of Service (Per Tariff):

Commercial and Industrial customers for all purposes when gas is for their exclusive use and not for resale. Must have annual usage between 40,000 therms and 249,999 therms and peak period usage greater than or equal to 70 percent of annual use with the exception of customers whose annual use is greater than 249,999 therms, and the Company has been unable to install an

Character of Service (Per Tariff):

Continuous supply of gas of not less than 1,000 Btu per cubic foot.

Bay State Gas Company Participant 2010 Only - Consumption Savings

Bay State Gas Company Participant 2010, 2011 and 2012 Consumption Savings

| 2010 | To | tal Rates and Bi | | | iod - Rate (G42 ply Rates and | | Deli | very Rates and E | Bills |
|--|-------------------------|----------------------------------|--------------------------------------|-------------------------|----------------------------------|------------------------------------|-------------------------|----------------------------------|------------------------------------|
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Energy Consumptio n | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total | \$1.1038 | 4,439.85 | \$233.20 \$4,900.64 \$5,133.84 | \$0.9067 | 4,439.85 | \$0.00 \$4,025.61 \$4,025.61 | \$0.1971 | 4,439.85 | \$233.20 \$875.03 \$1,108.23 |
| Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$1.1063 | 4,364.46 | \$233.20 \$4,828.19 \$5,061.39 | \$0.9067 | 4,364.46 | \$0.00 \$3,957.26 \$3,957.26 | \$0.1996 | 4,364.46 | \$233.20 \$870.93 \$1,104.13 |
| Differences | | | | | | | | | |
| In Units % | \$ \$0.0025 0.22% | Therm (75.39) -1.70% | \$ (\$72.46) -1.41% | \$ \$0.0000 0.00% | Therm (75.39) -1.70% | \$ (\$68.36) -1.70% | \$ \$0.0025 1.25% | Therm (75.39) -1.70% | \$ (\$4.10) -0.37% |

| 2011 | To | tal Rates and Bi | lls | Sup | ply Rates and | Bills | Deli | very Rates and E | ills |
|---|-------------------------|----------------------------------|--------------------------------------|-------------------|----------------------------|------------------------------------|----------------------|----------------------------------|--------------------------------------|
| Participant | Total Gas Rate | Monthly Energy Consumption | | Total Gas Rate | Energy Consumptio n | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total Incremental Case (Proposed) Monthly Service Charge (fixed) | \$1.1389 | 4,439.85 | \$233.20 \$5,056.57 \$5,289.77 | \$0.9067 | 4,439.85 | \$0.00 \$4,025.61 \$4,025.61 | \$0.2322 | 4,439.85 | \$233.20 \$1,030.96 \$1,264.16 |
| Volumetric Component Total | \$1.1455 | 4,364.46 | \$4,999.69 \$5,232.89 | | 4,364.46 | \$3,957.26 \$3,957.26 | \$0.2388 | 4,364.46 | \$1,042.43 \$1,275.63 |
| Differences | • | Thomas | | S | Th | _ | \$ | Th | • |
| In Units % | \$ \$0.0066 0.58% | Therm (75.39) -1.70% | \$ (\$56.88) -1.08% | \$0.0000 0.00% | Therm (75.39) -1.70% | \$ (\$68.36) -1.70% | \$0.0066 2.86% | Therm (75.39) -1.70% | \$ \$11.48 0.91% |

| 2012 | To | tal Rates and Bi | lls | Sup | ply Rates and | Bills | Deli | very Rates and E | Bills |
|---|-------------------|----------------------------------|--------------------------------------|-------------------------|----------------------------|------------------------------------|----------------------------|----------------------------------|--------------------------------------|
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Energy Consumptio n | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.1440 | 4,439.85 | \$233.20 \$5,079.40 \$5,312.60 | \$0.9067 | 4,439.85 | \$0.00 \$4,025.61 \$4,025.61 | \$0.2373 | 4,439.85 | \$233.20 \$1,053.79 \$1,286.99 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.1554 | 4,364.46 | \$233.20 \$5,042.83 \$5,276.03 | \$0.9067 | 4,364.46 | \$0.00 \$3,957.26 \$3,957.26 | \$0.2487 | 4,364.46 | \$233.20 \$1,085.57 \$1,318.77 |
| Differences | | | | | | | | | |
| In Units % | \$0.0114 0.99% | Therm (75.39) -1.70% | \$ (\$36.57) -0.69% | \$ \$0.0000 0.00% | Therm (75.39) -1.70% | \$ (\$68.36) -1.70% | Therm \$0.0114 4.80% | Therm (75.39) -1.70% | \$ \$31.78 2.47% |

| | C & I - High Annual Use/High Peak Period - Rate (G42) | | | | | | | | | |
|--------------------------------|---|-------------------|------------|-----------|---------------|------------|----------|------------------|------------|--|
| 2010 | To | tal Rates and Bil | lls | Sup | ply Rates and | Bills | Deli | very Rates and E | ills | |
| | | Monthly | Average | | Energy | Average | | Monthly | Average | |
| | Total Gas | Energy | Monthly | Total Gas | Consumptio | Monthly | Delivery | Energy | Monthly | |
| Participant | Rate | Consumption | Bill | Rate | n | Bill | Gas Rate | Consumption | Bill | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | |
| Current Funding Case | | | | | | | | | | |
| | | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$233.20 | | | \$0.00 | | | \$233.20 | |
| Volumetric Component | \$1.1038 | 4,439.85 | \$4,900.64 | \$0.9067 | 4,439.85 | \$4,025.61 | \$0.1971 | 4,439.85 | \$875.03 | |
| Total | | | \$5,133.84 | | | \$4,025.61 | | | \$1,108.23 | |
| | | | | | | | | | | |
| Incremental Case (Proposed) | | | | | | | | | | |
| | | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$233.20 | | | \$0.00 | | | \$233.20 | |
| Volumetric Component | \$1.1063 | 4,364.46 | \$4,828.19 | \$0.9067 | 4,364.46 | \$3,957.26 | \$0.1996 | 4,364.46 | \$870.93 | |
| Total | | | \$5,061.39 | | | \$3,957.26 | | | \$1,104.13 | |
| Differences | | | | | | | | | | |
| Differences | • | Th | | | Th | | _ | Th | | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | |
| In Units | \$0.0025 | (75.39) | (\$72.46) | \$0.0000 | (75.39) | (\$68.36) | \$0.0025 | (75.39) | (\$4.10) | |
| % | 0.22% | -1.70% | -1.41% | 0.00% | -1.70% | -1.70% | 1.25% | -1.70% | -0.37% | |
| | | | | | | | | | | |

| 2011 | Total Rates and Bills | | Sup | ply Rates and | Bills | Delivery Rates and Bills | | | |
|--|--------------------------|----------------------------------|--|-------------------|------------------------------|--|----------------------|----------------------------------|--|
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Energy Consumptio n | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component | \$1.1389 \$1.1455 | 4,439.85 4,285.11 | \$233.20 \$5,056.57 \$5,289.77 \$233.20 \$4,908.79 | \$0.9067 | 4,439.85 4,285.11 | \$0.00 \$4,025.61 \$4,025.61 \$0.00 \$3,885.31 | \$0.2322 | 4,439.85 4,285.11 | \$233.20 \$1,030.96 \$1,264.16 \$233.20 \$1,023.48 |
| Total Differences | | | \$5,141.99 | | | \$3,885.31 | | | \$1,256.68 |
| Dilletelices | s | Therm | \$ | \$ | Therm | \$ | S | Therm | \$ |
| In Units % | \$0.0066 0.58% | (154.74) -3.49% | (\$147.78) -2.79% | \$0.0000 0.00% | (154.74) -3.49% | (\$140.30) -3.49% | \$0.0066 2.86% | (154.74) -3.49% | (\$7.47) -0.59% |

| 2012 | Total Rates and Bills | | | Sup | ply Rates and | Bills | Delivery Rates and Bills | | | |
|---|--------------------------|----------------------------------|--|--------------------------|------------------------------|--|--------------------------|----------------------------------|--|--|
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Energy Consumptio n | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$1.1440 \$1.1554 | 4,439.85 4.179.30 | \$233.20 \$5,079.40 \$5,312.60 \$233.20 \$4,828.89 \$5,062.09 | \$0.9067 \$0.9067 | 4,439.85 4,179.30 | \$0.00 \$4,025.61 \$4,025.61 \$0.00 \$3,789.37 \$3,789.37 | \$0.2373 \$0.2373 | 4,439.85 4,179.30 | \$233.20 \$1,053.79 \$1,286.99 \$233.20 \$1,039.52 \$1,272.72 | |
| Differences | | | | | | | | | | |
| D | Therm | Therm | \$ | \$ | Therm | \$ | Therm | Therm | \$ | |
| In Units % | \$0.0114 0.99% | (260.55) -5.87% | (\$250.51) -4.72% | \$0.0000 0.00% | (260.55) -5.87% | (\$236.24) -5.87% | \$0.0114 4.80% | (260.55) -5.87% | (\$14.27) -1.11% | |

Bay State Gas Company Non-Participant

| 2010 | Total Rates and Bills | | lls | Supply Rates and Bills | | | Delivery Rates and Bills | | | |
|--|-------------------------|----------------------------------|--------------------------------------|-------------------------|----------------------------------|------------------------------------|--------------------------|----------------------------------|--------------------------------------|--|
| Non-Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total Incremental Case (Proposed) | \$1.1038 | 5,290.26 | \$233.20 \$5,839.31 \$6,072.51 | \$0.9067 | 5,290.26 | \$0.00 \$4,796.68 \$4,796.68 | \$0.1971 | 5,290.26 | \$233.20 \$1,042.63 \$1,275.83 | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.1063 | 5,290.26 | \$233.20 \$5,852.35 \$6,085.55 | \$0.9067 | 5,290.26 | \$0.00 \$4,796.68 \$4,796.68 | \$0.1996 | 5,290.26 | \$233.20 \$1,055.68 \$1,288.88 | |
| Differences | | | | | | | | | | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | |
| In Units % | \$0.0025 0.22% | 0.00 0.00% | \$13.04 0.21% | \$0.0000 0.00% | 0.00 0.00% | \$0.00 0.00% | \$0.0025 1.25% | 0.00 0.00% | \$13.04 1.02% | |
| 2011 | I To | tal Rates and Bi | lls | Sui | oply Rates and I | Rills | Deli | very Rates and E | tills | |
| 2011 | 10 | Monthly | Average | Ju | Monthly | Average | Dell | Monthly | Average | |
| Non-Participant | Total Gas Rate | Energy Consumption | Monthly Bill | Total Gas Rate | Energy Consumption | Monthly Bill | Delivery Gas Rate | Energy Consumption | Monthly Bill | |
| Current Funding Case | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.1389 | 5,290.26 | \$233.20 \$6,025.10 \$6,258.30 | \$0.9067 | 5,290.26 | \$0.00 \$4,796.68 \$4,796.68 | \$0.2322 | 5,290.26 | \$233.20 \$1,228.43 \$1,461.63 | |
| Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$1.1455 | 5,290.26 | \$233.20 \$6,060.23 \$6,293.43 | \$0.9067 | 5,290.26 | \$0.00 \$4,796.68 \$4,796.68 | \$0.2388 | 5,290.26 | \$233.20 \$1,263.56 \$1,496.76 | |
| Differences | | Th | | | Th | | _ | Th | _ | |
| In Units % | \$ \$0.0066 0.58% | 7herm 0.00 0.00% | \$ \$35.13 0.56% | \$ \$0.0000 0.00% | 7herm 0.00 0.00% | \$ \$0.00 0.00% | \$ \$0.0066 2.86% | 7herm 0.00 0.00% | \$ \$35.13 2.40% | |
| 2012 | То | tal Rates and Bi | lls | Sui | pply Rates and I | Bills | Deli | very Rates and E | ills | |
| Non-Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill | |
| Current Funding Case | \$ | Therm | \$ | 3 | Therm | \$ | \$ | inerm | \$ | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.1440 | 5,290.26 | \$233.20 \$6,052.31 \$6,285.51 | \$0.9067 | 5,290.26 | \$0.00 \$4,796.68 \$4,796.68 | \$0.2373 | 5,290.26 | \$233.20 \$1,255.63 \$1,488.83 | |
| Incremental Case (Proposed) | | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.1554 | 5,290.26 | \$233.20 \$6,112.52 \$6,345.72 | \$0.9067 | 5,290.26 | \$0.00 \$4,796.68 \$4,796.68 | \$0.2487 | 5,290.26 | \$233.20 \$1,315.84 \$1,549.04 | |
| Differences | Therm | Therm | \$ | \$ | Therm | \$ | Therm | Therm | s | |
| In Units | \$0.0114 0.99% | 0.00 0.00% | \$60.21 0.96% | \$0.0000 0.00% | 0.00 0.00% | \$0.00 0.00% | \$0.0114 4.80% | 0.00 0.00% | \$60.21 4.04% | |
| | | | | | | | | | | |

| | C & I - High Annual Use/High Peak Period - Rate (G42) | | | | | | | | | |
|--------------------------------|---|----------------------------------|----------------------------|-------------------------|----------------------------------|----------------------------|----------------------|----------------------------------|----------------------------|--|
| 2010 | To | otal Rates and Bi | lls | Su | pply Rates and E | Bills | De | livery Rates and I | Bills | |
| Average | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | |
| Current Funding Case | | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$233.20 | | | \$0.00 | | | \$233.20 | |
| Volumetric Component | \$1.1038 | 5,290.26 | \$5,839.31 | \$0.9067 | 5,290.26 | \$4,796.68 | \$0.1971 | 5,290.26 | \$1,042.63 | |
| Total | | | \$6,072.51 | | | \$4,796.68 | | | \$1,275.83 | |
| Incremental Case (Proposed) | | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$233.20 | | | \$0.00 | | | \$233.20 | |
| Volumetric Component | \$1.1063 | 5,289.77 | \$5,851.81 | \$0.9067 | 5,289.77 | \$4,796.23 | \$0.1996 | 5,289.77 | \$1,055.58 | |
| Total | | | \$6,085.01 | | | \$4,796.23 | | | \$1,288.78 | |
| Differences | \$ | Therm | \$ | | | | \$ | Therm | \$ | |
| In Units % | \$0.0025 0.22% | (0.49) -0.01% | \$12.50 0.21% | \$ \$0.0000 0.00% | Therm (0.49) -0.01% | \$ (\$0.44) -0.01% | \$0.0025 1.25% | (0.49) -0.01% | \$12.94 1.01% | |

| 2011 | Te | otal Rates and B | ills | Su | pply Rates and E | Bills | Delivery Rates and Bills | | | |
|--|-------------------|----------------------------------|--------------------------------------|-------------------------|----------------------------------|------------------------------------|--------------------------|----------------------------------|--------------------------------------|--|
| Average | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total | \$1.1389 | 5,207.32 | \$233.20 \$5,930.64 \$6,163.84 | \$0.9067 | 5,207.32 | \$0.00 \$4,721.47 \$4,721.47 | \$0.2322 | 5,207.32 | \$233.20 \$1,209.17 \$1,442.37 | |
| Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$1.1455 | 5,203.28 | \$233.20 \$5,960.59 \$6,193.79 | \$0.9067 | 5,203.28 | \$0.00 \$4,717.81 \$4,717.81 | \$0.2388 | 5,203.28 | \$233.20 \$1,242.78 \$1,475.98 | |
| Differences | \$ | Therm | \$ | | | | \$ | Therm | \$ | |
| In Units % | \$0.0066 0.58% | (4.04) -0.08% | \$29.95 0.49% | \$ \$0.0000 0.00% | Therm (4.04) -0.08% | \$ (\$3.66) -0.08% | \$0.0066 2.86% | (4.04) -0.08% | \$33.62 2.33% | |

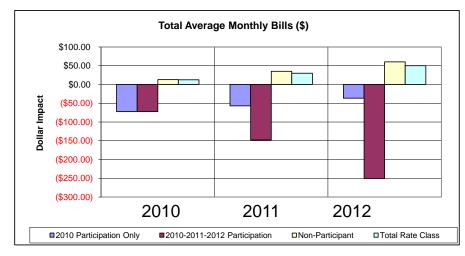
| 2012 | To | otal Rates and Bi | lls | Su | pply Rates and E | Bills | De | livery Rates and | Bills |
|---|--------------------------|----------------------------------|--|-------------------|----------------------------------|--|----------------------|----------------------------------|--|
| Average | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component | \$1.1440 \$1.1554 | 5,207.32 5,199.40 | \$233.20 \$5,957.42 \$6,190.62 \$233.20 \$6,007.54 | \$0.9067 | 5,207.32 5,199.40 | \$0.00 \$4,721.47 \$4,721.47 \$0.00 \$4,714.29 | \$0.2373 | 5,207.32 5,199.40 | \$233.20 \$1,235.95 \$1,469.15 \$233.20 \$1,293.24 |
| Total Differences | \$ | Therm | \$6,240.74 \$ | | | \$4,714.29 | \$ | Therm | \$1,526.44 \$ |
| D | Ψ | | | \$ | Therm | \$ | Ψ | 11101111 | |
| In Units % | \$0.0114 0.99% | (7.92) -0.15% | \$50.12 0.81% | \$0.0000 0.00% | (7.92) -0.15% | (\$7.18) -0.15% | \$0.0114 4.80% | (7.92) -0.15% | \$57.30 3.90% |

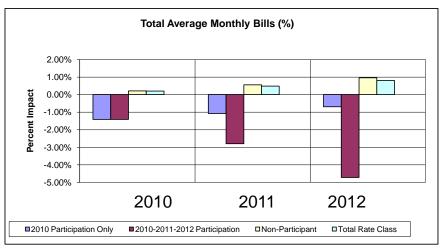
Bay State Gas Company Bill Impacts - Effect on a 2010 Only Participant and Non-Participant For all Program Years

C & I - High Annual Use/High Peak Period - Rate (G42)

| | 2010 PARTICIPANT | | | | | | | | | | | |
|-------------------------------------|----------------------|--------------------------------------|----------------------------|-------------------|--------------------------------------|----------------------------|----------------------|--------------------------------------|----------------------------|--|--|--|
| | Tota | al Rates and | Bills | Sup | oly Rates and | l Bills | Delive | ery Rates and | d Bills | | | |
| 2010 | Total Gas Rate | Monthly Energy Consumpti on | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumpti on | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumpti on | Average Monthly Bill | | | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | | | |
| Current Funding Incremental Funding | \$1.1038 \$1.1063 | 4,439.85 4.364.46 | \$5,133.84 \$5,061.39 | 0.9067 0.9067 | 4,439.85 4.364.46 | \$4,025.61 \$3.957.26 | \$0.1971 \$0.1996 | 4,439.85 4.364.46 | \$1,108.23 \$1,104.13 | | | |
| Differences In Units % | \$0.0025 0.22% | (75.39) -1.70% | (\$72.46) -1.41% | | (75.39) -1.70% | (\$68.36) -1.70% | \$0.0025 | (75.39) | (\$4.10) -0.37% | | | |
| 2011 | | | | | | | | | | | | |
| Current Funding | \$1.1389 | 4,439.85 | \$5,289.77 | \$0.9067 | 4,439.85 | \$4,025.61 | | 4,439.85 | \$1,264.16 | | | |
| Incremental Funding | \$1.1455 | 4,364.46 | \$5,232.89 | \$0.9067 | 4,364.46 | \$3,957.26 | \$0.2388 | 4,364.46 | \$1,275.63 | | | |
| Differences In Units % | \$0.0066 0.58% | (75.39) -1.70% | (\$56.88) -1.08% | \$0.0000 0.00% | (75.39) -1.70% | (\$68.36) -1.70% | \$0.0066 2.86% | (75.39) -1.70% | \$11.48 0.91% | | | |
| 2012 | | | | | | | | | | | | |
| Current Funding | \$1.1440 | 4,439.85 | \$5,312.60 | \$0.9067 | 4,439.85 | \$4,025.61 | \$0.2373 | 4,439.85 | \$1,286.99 | | | |
| Incremental Funding | \$1.1554 | 4,364.46 | \$5,276.03 | \$0.9067 | 4,364.46 | \$3,957.26 | \$0.2487 | 4,364.46 | \$1,318.77 | | | |
| Differences In Units | \$0.0114 | (75.39) | (\$36.57) | \$0.0000 | (75.39) | (\$68.36) | \$0.0114 | (75.39) | \$31.78 | | | |
| % | 0.99% | -1.70% | -0.69% | 0.00% | -1.70% | -1.70% | 4.80% | -1.70% | \$31.76 2.47% | | | |

| | | | NON | N-PARTICI | PANT | | | |
|-----------|--------------|------------|-----------|--------------|------------|----------|--------------|--------------|
| Tota | al Rates and | Bills | Supp | ly Rates and | l Bills | Deliv | ery Rates au | nd Bills |
| | Monthly | | | Monthly | | | Monthly | |
| | Energy | Average | | Energy | Average | | Energy | |
| Total Gas | Consumpti | Monthly | Total Gas | Consumpti | Monthly | Delivery | Consumpti | Average |
| Rate | on | Bill | Rate | on | Bill | Gas Rate | on | Monthly Bill |
| \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| | | | | | | | | |
| \$1.1038 | 5,290.26 | \$6,072.51 | 0.9067 | 5,290.26 | \$4,796.68 | | 5,290.26 | \$1,288.88 |
| \$1.1063 | 5,290.26 | \$6,085.55 | 0.9067 | 5,290.26 | \$4,796.68 | \$0.1996 | 5,290.26 | \$1,288.88 |
| | | | | | | | | |
| \$0.0025 | 0.00 | \$13.04 | \$0.0000 | 0.00 | \$0.00 | \$0.0025 | 0.00 | \$13.04 |
| 0.22% | 0.00% | 0.21% | 0.00% | 0.00% | 0.00% | 1.25% | 0.00% | 1.02% |
| | | | | | | | | |
| | | | | | | | | |
| \$1.1389 | 5,290.26 | \$6,258.30 | \$0.9067 | 5,290.26 | \$4,796.68 | \$0.2322 | 5,290.26 | \$1,461.63 |
| \$1.1455 | 5,290.26 | \$6,293.43 | \$0.9067 | 5,290.26 | \$4,796.68 | \$0.2388 | 5,290.26 | \$1,496.76 |
| | | | | | | | | |
| \$0.0066 | 0.00 | \$35.13 | \$0.0000 | 0.00 | \$0.00 | \$0.0066 | 0.00 | \$35.13 |
| 0.58% | 0.00% | 0.56% | 0.00% | 0.00% | 0.00% | 2.86% | 0.00% | 2.40% |
| | | | | | | | | |
| | | | | | | | | |
| \$1.1440 | 5,290.26 | \$6,285.51 | \$0.9067 | 5,290.26 | \$4,796.68 | \$0.2373 | 5,290.26 | \$1,488.83 |
| \$1.1554 | 5,290.26 | \$6,345.72 | \$0.9067 | 5,290.26 | \$4,796.68 | \$0.2487 | 5,290.26 | \$1,549.04 |
| | | | | | | | | |
| \$0.0114 | 0.00 | \$60.21 | \$0.0000 | 0.00 | \$0.00 | \$0.0114 | 0.00 | \$60.21 |
| 0.99% | 0.00% | 0.96% | 0.00% | 0.00% | 0.00% | 4.80% | 0.00% | 4.04% |



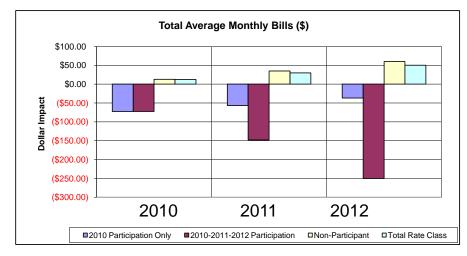


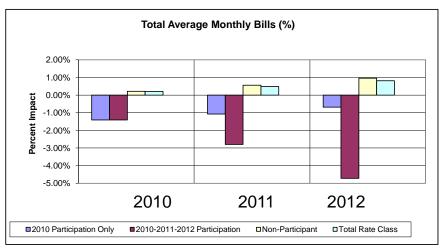
Bay State Gas Company Bill Impacts - Effect on Additional Participants in All Program Years and Average Rate Class For all Program Years

C & I - High Annual Use/High Peak Period - Rate (G42)

| PARTICIPANT IN EACH PLAN YEAR | | | | | | | | | | | | | |
|-------------------------------|-----------|--------------------------------|--------------------|-----------|--------------------------------|--------------------|----------|--------------------------------|--------------------|--|--|--|--|
| | Tota | al Rates and | Bills | Sup | oly Rates and | l Bills | Delive | ery Rates and | d Bills | | | | |
| | Total Gas | Monthly Energy Consumpti | Average Monthly | Total Gas | Monthly Energy Consumpti | Average Monthly | Delivery | Monthly Energy Consumpti | Average Monthly | | | | |
| 2010 | Rate | on | Bill | Rate | on | Bill | Gas Rate | on | Bill | | | | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | | | | |
| | | | | | | | | | | | | | |
| Current Funding | \$1.1038 | 4,439.85 | \$5,133.84 | \$0.9067 | 4,439.85 | \$4,025.61 | \$0.1971 | 4,439.85 | \$1,108.23 | | | | |
| Incremental Funding | \$1.1063 | 4,364.46 | \$5,061.39 | \$0.9067 | 4,364.46 | \$3,957.26 | \$0.1996 | 4,364.46 | \$1,104.13 | | | | |
| Differences | | | | | | | | | | | | | |
| In Units | \$0.0025 | (75.39) | (\$72.46) | \$0.0000 | (75.39) | (\$68.36) | \$0.0025 | (75.39) | (\$4.10) | | | | |
| % | 0.22% | -1.70% | -1.41% | 0.00% | -1.70% | -1.70% | 1.25% | -1.70% | -0.37% | | | | |
| 2011 | | | | | | | | | | | | | |
| Current Funding | \$1.1389 | 4,439.85 | \$5,289.77 | \$0.9067 | 4,439.85 | \$4,025.61 | \$0.2322 | 4,439.85 | \$1,264.16 | | | | |
| Incremental Funding | \$1.1455 | 4,285.11 | \$5,141.99 | \$0.9067 | 4,285.11 | \$3,885.31 | \$0.2388 | 4,285.11 | \$1,256.68 | | | | |
| Differences | | | | | | | | | | | | | |
| In Units | \$0.0066 | (154.74) | (\$147.78) | \$0.0000 | (154.74) | (\$140.30) | \$0.0066 | (154.74) | (\$7.47) | | | | |
| % | 0.58% | -3.49% | -2.79% | 0.00% | -3.49% | -3.49% | 2.86% | -3.49% | -0.59% | | | | |
| 2012 | | | | | | | | | | | | | |
| Current Funding | \$1.1440 | 4,439.85 | \$5,312.60 | \$0.9067 | 4,439.85 | \$4,025.61 | \$0.2373 | 4,439.85 | \$1,286.99 | | | | |
| Incremental Funding | \$1.1554 | 4,179.30 | \$5,062.09 | \$0.9067 | 4,179.30 | \$3,789.37 | \$0.2487 | 4,179.30 | \$1,272.72 | | | | |
| Differences | | | | | | | | | | | | | |
| In Units | \$0.0114 | (260.55) | (\$250.51) | | (260.55) | (\$236.24) | \$0.0114 | (260.55) | (\$14.27) | | | | |
| % | 0.99% | -5.87% | -4.72% | 0.00% | -5.87% | -5.87% | 4.80% | -5.87% | -1.11% | | | | |

| | | | TOT | AL RATE (| CLASS | | | |
|-----------|--------------|------------|-----------|--------------|------------|----------|--------------|--------------|
| Tota | al Rates and | Bills | Supp | ly Rates and | l Bills | Deliv | ery Rates au | nd Bills |
| | Monthly | | | Monthly | | | Monthly | |
| | Energy | Average | | Energy | Average | | Energy | |
| Total Gas | Consumpti | | Total Gas | Consumpti | Monthly | Delivery | Consumpti | Average |
| Rate | on | Bill | Rate | on | Bill | Gas Rate | on | Monthly Bill |
| \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| | | | | | | | | |
| \$1.1038 | 5,290.26 | \$6,072.51 | 0.9067 | 5,290.26 | \$4,796.68 | | 5,290.26 | \$1,275.83 |
| \$1.1063 | 5,289.77 | \$6,085.01 | 0.9067 | 5,289.77 | \$4,796.23 | \$0.1996 | 5,289.77 | \$1,288.78 |
| 4 | | | | | | | | |
| \$0.0025 | (0.49) | \$12.50 | \$0.0000 | (0.49) | (\$0.44) | \$0.0025 | (0.49) | \$12.94 |
| 0.22% | -0.01% | 0.21% | 0.00% | -0.01% | -0.01% | 1.25% | -0.01% | 1.01% |
| | | | | | | | | |
| | | | | | | | | |
| \$1.1389 | 5,207.32 | \$6,163.84 | \$0.9067 | 5,207.32 | \$4,721.47 | \$0.2322 | 5,207.32 | \$1,442.37 |
| \$1.1455 | 5,203.28 | \$6,193.79 | \$0.9067 | 5,203.28 | \$4,717.81 | \$0.2388 | 5,203.28 | \$1,475.98 |
| | | | | | | | | |
| \$0.0066 | (4.04) | \$29.95 | \$0.0000 | (4.04) | (\$3.66) | \$0.0066 | (4.04) | \$33.62 |
| 0.58% | -0.08% | 0.49% | 0.00% | -0.08% | -0.08% | 2.86% | -0.08% | 2.33% |
| | | | | | | | | |
| | | | | | | | | |
| \$1.1440 | 5,207.32 | \$6,190.62 | \$0.9067 | 5,207.32 | \$4,721.47 | \$0.2373 | 5,207.32 | \$1,469.15 |
| \$1.1554 | 5,199.40 | \$6,240.74 | \$0.9067 | 5,199.40 | \$4,714.29 | \$0.2487 | 5,199.40 | \$1,526.44 |
| | | | | | | | | |
| \$0.0114 | (7.92) | \$50.12 | \$0.0000 | (7.92) | (\$7.18) | \$0.0114 | (7.92) | \$57.30 |
| 0.99% | -0.15% | 0.81% | 0.00% | -0.15% | -0.15% | 4.80% | -0.15% | 3.90% |





Bay State Gas Company Bill Impacts - Non-Participant vs. 2010 Participant & Non-Participant vs. Average Residential Heating (R-3)

| | Curr | rent l | Funding C | as | е | | | | Inc | ren | nental Cas | е | | |
|---------------------------------|-----------------------------|--------|-----------|-----|----------|---------------|-------------------|-----------------------------------|---------------|-----|------------|----|----------|-------------------|
| 2010 | Monthly Consumption (therm) | | Total | s | upply | Delivery | istomer Charge | Monthly Consumption (therm) | Total | | Supply | | Delivery | istomer Charge |
| Gas Rate (\$/therm) | | \$ | 1.22058 | \$0 | .85700 | \$ 0.36358 | | | \$ 1.24025 | \$ | 0.85700 | \$ | 0.38325 | |
| Non-Participant | 83.33 | \$ | 112.83 | \$ | 71.42 | \$ 30.30 | \$ 11.12 | 83.33 | \$ 114.47 | \$ | 71.42 | \$ | 31.94 | \$ 11.12 |
| Participant | 71.94 | \$ | 98.93 | \$ | 61.65 | \$ 26.16 | \$ 11.12 | 70.15 | \$ 98.12 | \$ | 60.12 | \$ | 26.88 | \$ 11.12 |
| In Units (vs. Non-Participants) | (11.39) | | (\$13.90) | | (\$9.76) | (\$4.14) | | (13.18) | (\$16.35) | | (\$11.30) | | (\$5.05) | |
| In % (vs. Non-Participants) | -13.67% | | -12.32% | | -13.67% | -13.67% | | -15.82% | -14.28% | | -15.82% | | -15.82% | |
| Total Rate Class | 83.33 | | 112.83 | | 71.42 | 30.30 | \$ 11.12 | 83.25 | 114.37 | | 71.34 | | 31.90 | \$ 11.12 |
| In Units (vs. Non-Participants) | 0.00 | | \$0.00 | | \$0.00 | \$0.00 | | (0.08) | (\$0.11) | | (\$0.07) | | (\$0.03) | |
| In % (vs. Non-Participants) | 0.00% | | 0.00% | | 0.00% | 0.00% | | -0.10% | -0.09% | | -0.10% | | -0.10% | |

| | Curr | ent | Funding C | as | 9 | | | | Inc | ren | nental Case |) | | |
|---------------------------------|-----------------------------|-----|-----------|-----|----------|---------------|-------------|-----------------------------------|---------------|-----|-------------|----|----------|-------------|
| 2011 | Monthly Consumption (therm) | | Total | s | upply | Delivery | stomer | Monthly Consumption (therm) | Total | | Supply | | Delivery | stomer |
| Gas Rate (\$/therm) | , , , | \$ | 1.24430 | \$0 | .85700 | \$ 0.38730 | | , | \$ 1.26867 | \$ | 0.85700 | \$ | 0.41167 | |
| Non-Participant | 83.33 | \$ | 114.81 | \$ | 71.42 | \$ 32.28 | \$ 11.12 | 83.33 | \$ 116.84 | \$ | 71.42 | \$ | 34.31 | \$ 11.12 |
| Participant | 71.94 | \$ | 100.64 | \$ | 61.65 | \$ 27.86 | \$ 11.12 | 70.15 | \$ 100.12 | \$ | 60.12 | \$ | 28.88 | \$ 11.12 |
| In Units (vs. Non-Participants) | (11.39) | | (\$14.18) | | (\$9.76) | (\$4.41) | | (13.18) | (\$16.72) | | (\$11.30) | | (\$5.43) | |
| In % (vs. Non-Participants) | -13.67% | | -12.35% | | -13.67% | -13.67% | | -15.82% | -14.31% | | -15.82% | | -15.82% | |
| Total Rate Class | 83.20 | | 114.65 | | 71.30 | 32.22 | \$ 11.12 | 83.08 | 116.52 | | 71.20 | | 34.20 | \$ 11.12 |
| In Units (vs. Non-Participants) | (0.13) | | (\$0.17) | | (\$0.11) | (\$0.05) | | (0.26) | (\$0.32) | | (\$0.22) | | (\$0.11) | |
| In % (vs. Non-Participants) | -0.16% | | -0.14% | | -0.16% | -0.16% | | -0.31% | -0.28% | | -0.31% | | -0.31% | |

| | Cur | rent | Funding C | as | е | | | | | | | Inc | ren | nental Case | е | | | |
|---------------------------------|-----------------------------|------|-----------|-----|----------|----|----------|----|---------|-------------|----|-----------|-----|-------------|----|----------|----|---------|
| 2012 | | | | | | | | | | Monthly | | | | | | | | |
| 2012 | | | | | | | | Cı | ıstomer | Consumption | | | | | | | Cı | ustomer |
| | Monthly Consumption (therm) | | Total | S | upply | | Delivery | (| Charge | (therm) | | Total | | Supply | | Delivery | (| Charge |
| Gas Rate (\$/therm) | | \$ | 1.27365 | \$0 | .85700 | \$ | 0.41665 | | | | \$ | 1.30619 | \$ | 0.85700 | \$ | 0.44919 | | |
| | | | | | | | | | | | | | | | | | | |
| Non-Participant | 83.33 | \$ | 117.26 | \$ | 71.42 | \$ | 34.72 | \$ | 11.12 | 83.33 | \$ | 119.97 | \$ | 71.42 | \$ | 37.43 | \$ | 11.12 |
| Participant | 71.94 | \$ | 102.75 | \$ | 61.65 | \$ | 29.97 | \$ | 11.12 | 70.15 | \$ | 102.75 | \$ | 60.12 | \$ | 31.51 | \$ | 11.12 |
| In Units (vs. Non-Participants) | (11.39) | - | (\$14.51) | + | (\$9.76) | + | (\$4.75) | | | (13.18) | • | (\$17.22) | - | (\$11.30) | + | (\$5.92) | | |
| In % (vs. Non-Participants) | -13.67% | | -12.37% | | -13.67% | | -13.67% | | | -15.82% | | -14.35% | | -15.82% | | -15.82% | | |
| Total Rate Class | 82.72 | | 116.47 | | 70.89 | | 34.46 | \$ | 11.12 | 82.53 | | 118.92 | | 70.73 | | 37.07 | \$ | 11.12 |
| In Units (vs. Non-Participants) | (0.62) | | (\$0.79) | | (\$0.53) | | (\$0.26) | | | (0.81) | | (\$1.05) | | (\$0.69) | | (\$0.36) | | |
| In % (vs. Non-Participants) | -0.74% | | -0.67% | | -0.74% | | -0.74% | | | -0.97% | | -0.88% | | -0.97% | | -0.97% | | |

Availability of Service (Per Tariff):

Single domestic locations for all purposes, except for resale, in individual private dwellings and individual apartments including condominiums and their facilities where such residences are heated exclusively by means of permanently installed space heating equipment to persons who verify receipt of any means-tested public-benefit program or verify eligibility for the low-

Character of Service (Per Tariff):

Continuous supply of gas of not less than 1,000 Btu per cubic foot.

Bay State Gas Company Participant 2010 Only - Consumption Savings

Bay State Gas Company Participant 2010, 2011 and 2012 Consumption Savings

| | Residential Heating (R-3) | | | | | | | | | | | | | |
|---|---------------------------|----------------------------------|--|----------------------|---|--|----------------------|---|--|--|--|--|--|--|
| 2010 | To | tal Rates and Bil | lls | Sup | ply Rates and | Bills | Del | ivery Rates and B | ills | | | | | |
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill S | Total Gas Rate | Monthly Energy Consumption Therm | Average Monthly Bill S | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill | | | | | |
| Current Funding Case | Ť | 11101111 | | | 11101111 | | | *************************************** | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$1.2206 | 71.94 | \$11.12 \$87.81 \$98.93 \$11.12 \$87.00 \$98.12 | \$0.8570 \$0.8570 | 71.94 | \$0.00 \$61.65 \$61.65 \$0.00 \$60.12 \$60.12 | \$0.3636 \$0.3832 | 71.94 | \$11.12 \$26.16 \$37.28 \$11.12 \$26.88 \$38.00 | | | | | |
| Differences | | | | | | | | | | | | | | |
| | S | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | | | | | |
| In Units % | \$0.0197 1.61% | (1.79) -2.49% | (\$0.81) -0.82% | \$0.0000 0.00% | (1.79) -2.49% | (\$1.53) -2.49% | \$0.0197 5.41% | (1.79) -2.49% | \$0.73 1.95% | | | | | |

| 2011 | To | tal Rates and Bi | lls | Sup | ply Rates and I | Bills | Del | ivery Rates and B | ills |
|---|-------------------|----------------------------------|--------------------------------|-------------------|----------------------------------|------------------------------|----------------------|-------------------------------|-------------------------------|
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.2443 | 71.94 | \$11.12 \$89.52 \$100.64 | \$0.8570 | 71.94 | \$0.00 \$61.65 \$61.65 | \$0.3873 | 71.94 | \$11.12 \$27.86 \$38.96 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.2687 | 70.15 | \$11.12 \$89.00 \$100.12 | \$0.8570 | 70.15 | \$0.00 \$60.12 \$60.12 | \$0.4117 | 70.15 | \$11.1: \$28.8: \$40.0 |
| Differences | | | | | | | | | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| In Units | \$0.0244 | (1.79) | (\$0.52) | \$0.0000 | (1.79) | (\$1.53) | \$0.0244 | (1.79) | \$1.02 |
| % | 1.96% | -2.49% | -0.52% | 0.00% | -2.49% | -2.49% | 6.29% | -2.49% | 2.61% |

| 2012 | To | tal Rates and Bil | ls | Sup | ply Rates and | Bills | Del | ivery Rates and B | ills |
|---|----------------------------|----------------------------------|--------------------------------|-------------------------|----------------------------------|------------------------------|----------------------------|-------------------------------|-------------------------------|
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.2737 | 71.94 | \$11.12 \$91.63 \$102.75 | \$0.8570 | 71.94 | \$0.00 \$61.65 \$61.65 | \$0.4167 | 71.94 | \$11.12 \$29.97 \$41.09 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.3062 | 70.15 | \$11.12 \$91.63 \$102.75 | \$0.8570 | 70.15 | \$0.00 \$60.12 \$60.12 | \$0.4492 | 70.15 | \$11.12 \$31.51 \$42.63 |
| Differences | | | | | | | | | |
| In Units % | Therm \$0.0325 2.55% | Therm (1.79) -2.49% | \$ \$0.00 0.00% | \$ \$0.0000 0.00% | Therm (1.79) -2.49% | \$ (\$1.53) -2.49% | Therm \$0.0325 7.81% | Therm (1.79) -2.49% | \$ \$1.54 3.74% |

| | | | Residential | Heating (R-3 |) | | | | |
|--|-------------------------|----------------------------------|-------------------------------|-------------------------|----------------------------------|------------------------------|-------------------------|-------------------------------|-------------------------------|
| 2010 | To | tal Rates and Bil | ls | Sup | ply Rates and I | Bills | Del | ivery Rates and B | ills |
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component | \$1.2206 | 71.94 | \$11.12 \$87.81 | \$0.8570 | 71.94 | \$0.00 \$61.65 | \$0.3636 | 71.94 | \$11.12 \$26.16 |
| Total Incremental Case (Proposed) | | | \$98.93 | | | \$61.65 | | | \$37.28 |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.2402 | 70.15 | \$11.12 \$87.00 \$98.12 | \$0.8570 | 70.15 | \$0.00 \$60.12 \$60.12 | \$0.3832 | 70.15 | \$11.12 \$26.88 \$38.00 |
| Differences | | | | | | | | | |
| In Units % | \$ \$0.0197 1.61% | (1.79) -2.49% | \$ (\$0.81) -0.81% | \$ \$0.0000 0.00% | Therm (1.79) -2.49% | \$ (\$1.53) -2.49% | \$ \$0.0197 5.41% | (1.79) -2.49% | \$ \$0.73 1.95% |

| 2011 | To | tal Rates and Bil | lls | Sup | ply Rates and I | Bills | Del | ivery Rates and B | ills |
|---|-------------------------|----------------------------------|--------------------------------|-------------------------|----------------------------------|------------------------------|-------------------------|-------------------------------|-------------------------------|
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | S | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.2443 | 71.94 | \$11.12 \$89.52 \$100.64 | \$0.8570 | 71.94 | \$0.00 \$61.65 \$61.65 | \$0.3873 | 71.94 | \$11.12 \$27.86 \$38.98 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.2687 | 68.75 | \$11.12 \$87.22 \$98.34 | \$0.8570 | 68.75 | \$0.00 \$58.92 \$58.92 | \$0.4117 | 68.75 | \$11.12 \$28.30 \$39.42 |
| Differences | | | | | | | | | |
| In Units % | \$ \$0.0244 1.96% | (3.19) -4.43% | \$ (\$2.29) -2.28% | \$ \$0.0000 0.00% | (3.19) -4.43% | \$ (\$2.73) -4.43% | \$ \$0.0244 6.29% | (3.19) -4.43% | \$ \$0.44 1.13% |

| 2012 | Total Rates and Bills | | | Sup | ply Rates and I | Bills | Del | ivery Rates and B | ills |
|--|----------------------------|----------------------------------|--------------------------------|-------------------------|----------------------------------|------------------------------|----------------------------|-------------------------------|-------------------------------|
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| 1 articipant | S | Therm | S | \$ | Therm | S | S | Therm | S |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total | \$1.2737 | 71.94 | \$11.12 \$91.63 \$102.75 | \$0.8570 | 71.94 | \$0.00 \$61.65 \$61.65 | \$0.4167 | 71.94 | \$11.12 \$29.97 \$41.09 |
| Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$1.3062 | 66.67 | \$11.12 \$87.08 \$98.20 | \$0.8570 | 66.67 | \$0.00 \$57.14 \$57.14 | \$0.4492 | 66.67 | \$11.12 \$29.95 \$41.07 |
| Differences | | | | | | | | | |
| In Units % | Therm \$0.0325 2.55% | (5.27) -7.33% | \$ (\$4.54) -4.42% | \$ \$0.0000 0.00% | Therm (5.27) -7.33% | \$ (\$4.52) -7.33% | Therm \$0.0325 7.81% | Therm (5.27) -7.33% | \$ (\$0.03) -0.06% |

Bay State Gas Company Total Rate Class

Bay State Gas Company Non-Participant

| Residential Heating (R-3) | | | | | | | | | | | | | |
|---|-------------------|----------------------------------|---------------------------------|-------------------|----------------------------------|------------------------------|----------------------|----------------------------------|-------------------------------|--|--|--|--|
| 2010 | To | tal Rates and Bil | ls | Su | pply Rates and E | Bills | Deli | very Rates and E | ills | | | | |
| Non-Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill | | | | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | | | | |
| Current Funding Case | | | | | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total Incremental Case (Proposed) | \$1.2206 | 83.33 | \$11.12 \$101.71 \$112.83 | \$0.8570 | 83.33 | \$0.00 \$71.42 \$71.42 | \$0.3636 | 83.33 | \$11.12 \$30.30 \$41.42 | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.2402 | 83.33 | \$11.12 \$103.35 \$114.47 | \$0.8570 | 83.33 | \$0.00 \$71.42 \$71.42 | \$0.3832 | 83.33 | \$11.12 \$31.94 \$43.06 | | | | |
| Differences | | | | | | | | | | | | | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | | | | |
| In Units % | \$0.0197 1.61% | 0.00 0.00% | \$1.64 1.45% | \$0.0000 0.00% | 0.00 0.00% | \$0.00 0.00% | \$0.0197 5.41% | 0.00 0.00% | \$1.64 3.96% | | | | |

| 2011 | Total Gas Energy M | | ls | Su | pply Rates and E | ills | Deli | very Rates and B | ills |
|--|-------------------------|---------------|---------------------------------|-------------------------|----------------------------------|------------------------------|-------------------------|----------------------------------|-------------------------------|
| Non-Participant | Total Gas Rate | | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| Non-i articipant | \$ | Therm | \$ | \$ | Therm | S | \$ | Therm | \$ |
| Current Funding Case | | 1110111 | | | 1110111 | <u> </u> | | 11101111 | Ÿ |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.2443 | 83.33 | \$11.12 \$103.69 \$114.81 | \$0.8570 | 83.33 | \$0.00 \$71.42 \$71.42 | \$0.3873 | 83.33 | \$11.12 \$32.28 \$43.40 |
| Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$1.2687 | 83.33 | \$11.12 \$105.72 \$116.84 | \$0.8570 | 83.33 | \$0.00 \$71.42 \$71.42 | \$0.4117 | 83.33 | \$11.12 \$34.31 \$45.43 |
| Differences | | | | | | | | | |
| In Units % | \$ \$0.0244 1.96% | 0.00 0.00% | \$ \$2.03 1.77% | \$ \$0.0000 0.00% | 7herm 0.00 0.00% | \$ \$0.00 0.00% | \$ \$0.0244 6.29% | Therm 0.00 0.00% | \$ \$2.03 4.68% |

| 2012 | То | tal Rates and Bil | ls | Su | pply Rates and E | Bills | Deli | very Rates and E | ills |
|---|-------------------|----------------------------------|---------------------------------|-------------------------|----------------------------------|------------------------------|----------------------------|----------------------------------|-------------------------------|
| Non-Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| rton i artioipant | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | · | | | · | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.2737 | 83.33 | \$11.12 \$106.14 \$117.26 | \$0.8570 | 83.33 | \$0.00 \$71.42 \$71.42 | \$0.4167 | 83.33 | \$11.12 \$34.72 \$45.84 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.3062 | 83.33 | \$11.12 \$108.85 \$119.97 | \$0.8570 | 83.33 | \$0.00 \$71.42 \$71.42 | \$0.4492 | 83.33 | \$11.12 \$37.43 \$48.55 |
| Differences | | | | | | | | | |
| In Units | \$0.0325 2.55% | 0.00 0.00% | \$ \$2.71 2.31% | \$ \$0.0000 0.00% | 0.00 0.00% | \$ \$0.00 0.00% | Therm \$0.0325 7.81% | 0.00 0.00% | \$ \$2.71 5.92% |

| | | | Resident | ial Heating (F | ₹-3) | | | | |
|--|-------------------|----------------------------------|----------------------------|-------------------------|----------------------------------|----------------------------|----------------------|-------------------------------|----------------------------|
| 2010 | T | otal Rates and Bi | lls | Su | pply Rates and B | ills | De | livery Rates and E | Bills |
| Average | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case Monthly Service Charge (fixed) | | | \$11.12 | | | \$0.00 | | | \$11.12 |
| Volumetric Component Total | \$1.2206 | 83.33 | \$101.71 \$112.83 | \$0.8570 | 83.33 | \$71.42 \$71.42 | \$0.3636 | 83.33 | \$30.30 \$41.42 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$11.12 | | | \$0.00 | | | \$11.12 |
| Volumetric Component Total | \$1.2402 | 83.25 | \$103.25 \$114.37 | \$0.8570 | 83.25 | \$71.34 \$71.34 | \$0.3832 | 83.25 | \$31.90 \$43.02 |
| Differences | \$ | Therm | * | | | | \$ | Therm | \$ |
| In Units % | \$0.0197 1.61% | (0.08) -0.10% | \$1.53 1.36% | \$ \$0.0000 0.00% | Therm (0.08) -0.10% | \$ (\$0.07) -0.10% | \$0.0197 5.41% | (0.08) -0.10% | \$1.61 3.88% |

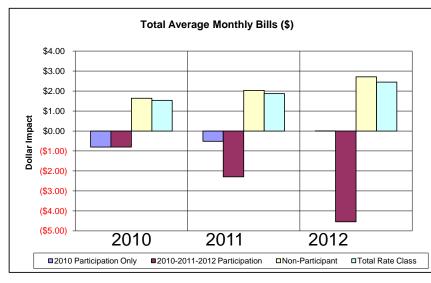
| 2011 | T | otal Rates and Bi | lls | Su | pply Rates and B | ills | De | livery Rates and B | Bills |
|--|-------------------|-------------------|----------------------|-------------------------|---------------------------|--------------------------|-------------------|--------------------|--------------------|
| | Total Gas | Monthly Energy | Average Monthly | Total Gas | Monthly Energy | Average Monthly | Delivery | Monthly Energy | Average Monthly |
| Average | Rate | Consumption | Bill | Rate | Consumption | Bill | Gas Rate | Consumption | Bill |
| | \$ | Therm | * | \$ | Therm | * | \$ | Therm | \$ |
| Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$11.12 | | | \$0.00 | | | \$11.12 |
| Volumetric Component Total | \$1.2443 | 83.20 | \$103.53 \$114.65 | \$0.8570 | 83.20 | \$71.30 \$71.30 | \$0.3873 | 83.20 | \$32.22 \$43.34 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component | \$1.2687 | 83.08 | \$11.12 \$105.40 | \$0.8570 | 83.08 | \$0.00 \$71.20 | \$0.4117 | 83.08 | \$11.12 \$34.20 |
| Total | | | \$116.52 | | | \$71.20 | | | \$45.32 |
| Differences | \$ | Therm | \$ | | | | \$ | Therm | \$ |
| In Units | \$0.0244 1.96% | (0.12) -0.15% | \$1.87 1.63% | \$ \$0.0000 0.00% | Therm (0.12) -0.15% | \$ (\$0.11) -0.15% | \$0.0244 6.29% | (0.12) -0.15% | \$1.98 4.56% |
| ,, | 1.0070 | 0.7576 | 1.0070 | 0.0070 | 0.1070 | 0.1070 | 0.2070 | 0.7570 | -1.0070 |

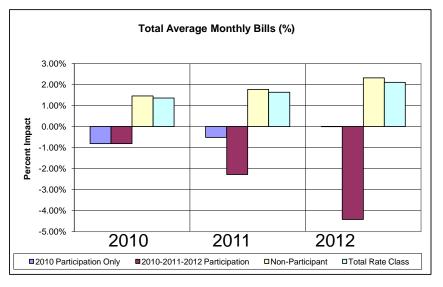
| 2012 | T | otal Rates and Bi | lls | Su | pply Rates and B | ills | De | livery Rates and E | Bills |
|---|--------------------------|----------------------------------|--|-------------------------|----------------------------------|--|--------------------------|-------------------------------|--|
| Average | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$1.2737 \$1.3062 | 82.72 82.72 | \$11.12 \$105.35 \$116.47 \$11.12 \$107.80 \$118.92 | \$0.8570 \$0.8570 | 82.72 82.72 | \$0.00 \$70.89 \$70.89 \$0.00 \$70.73 \$70.73 | \$0.4167 \$0.4492 | 82.72 82.72 | \$11.12 \$34.46 \$45.58 \$11.12 \$37.07 \$48.19 |
| Differences | s | Therm | \$ | | | | \$ | Therm | \$ |
| In Units % | \$0.0325 2.55% | (0.19) -0.23% | \$2.45 2.10% | \$ \$0.0000 0.00% | Therm (0.19) -0.23% | \$ (\$0.16) -0.23% | \$0.0325 7.81% | (0.19) -0.23% | \$2.61 5.72% |

Bay State Gas Company Bill Impacts - Effect on a 2010 Only Participant and Non-Participant For all Program Years Residential Heating (R-3)

| | | | 2010 | PARTICIF | PANT | | | | |
|---------------------------------|--|-------------|----------|-----------|-------------|----------|----------|-------------|---------|
| | Tota | I Rates and | | | v Rates and | d Bills | Delive | rv Rates an | d Bills |
| | | Monthly | | | Monthly | | | Monthly | |
| | | Energy | Average | | Energy | Average | | Energy | Average |
| | Total Gas | Consump | Monthly | Total Gas | Consump | Monthly | Delivery | Consump | Monthly |
| 2010 | Rate | tion | Bill | Rate | tion | Bill | Gas Rate | tion | Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| | | | | | | | | | |
| Current Funding | \$1.2206 | | | | 71.94 | \$61.65 | \$0.3636 | 71.94 | \$37.28 |
| Incremental Funding | \$1.2402 | · · | | \$0.8570 | 70.15 | \$60.12 | \$0.3832 | 70.15 | \$38.00 |
| Differences | nental Funding \$1.2402 70.15 ences | | | | | | | | |
| In Units | \$0.0197 | (1.79) | (\$0.81) | \$0.0000 | (1.79) | (\$1.53) | \$0.0197 | (1.79) | \$0.73 |
| % | 1.61% | -2.49% | -0.82% | 0.00% | -2.49% | -2.49% | 5.41% | -2.49% | 1.95% |
| 2011 | | | | | | | | | |
| | £4 0440 | 71.94 | \$100.64 | \$0.8570 | 71.94 | \$61.65 | \$0.3873 | 71.94 | \$38.98 |
| Current Funding | \$1.2443 | _ | | | 71.94 | | | | |
| Incremental Funding Differences | \$1.2687 | 70.15 | \$100.12 | \$0.8570 | 70.15 | \$60.12 | \$0.4117 | 70.15 | \$40.00 |
| In Units | \$0.0244 | (1.79) | (\$0.52) | \$0.0000 | (1.79) | (\$1.53) | \$0.0244 | (1.79) | \$1.02 |
| % | 1.96% | -2.49% | -0.52% | 0.00% | -2.49% | -2.49% | 6.29% | V / | 2.61% |
| /0 | 1.90 /6 | -2.49 /0 | -0.52 /6 | 0.0076 | -2.43/0 | -2.49/0 | 0.2970 | -2.43/0 | 2.01/0 |
| 2012 | | | | | | | | | |
| Current Funding | \$1.2737 | 71.94 | \$102.75 | \$0.8570 | 71.94 | \$61.65 | \$0.4167 | 71.94 | \$41.09 |
| Incremental Funding | \$1.3062 | 70.15 | \$102.75 | \$0.8570 | 70.15 | \$60.12 | \$0.4492 | 70.15 | \$42.63 |
| Differences | | | | | | | | | |
| In Units | \$0.0325 | (1.79) | \$0.00 | \$0.0000 | (1.79) | (\$1.53) | \$0.0325 | (1.79) | \$1.54 |
| % | 2.55% | -2.49% | 0.00% | 0.00% | -2.49% | -2.49% | 7.81% | -2.49% | 3.74% |

| | | | NON-I | PARTICIP | ANT | | | |
|-----------|-------------|----------|-----------|-------------|---------|----------|-------------|---------|
| Tota | I Rates and | Bills | Suppl | y Rates and | Bills | Delive | ry Rates an | d Bills |
| | Monthly | _ | | Monthly | _ | | Monthly | |
| | Energy | Average | | Energy | Average | | Energy | Average |
| Total Gas | Consump | Monthly | Total Gas | Consump | Monthly | Delivery | Consump | Monthly |
| Rate | tion | Bill | Rate | tion | Bill | Gas Rate | tion | Bill |
| \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| | | | | | | | | |
| \$1.2206 | 83.33 | \$112.83 | \$0.8570 | 83.33 | \$71.42 | \$0.3636 | 83.33 | \$43.06 |
| \$1.2402 | 83.33 | \$114.47 | \$0.8570 | 83.33 | \$71.42 | \$0.3832 | 83.33 | \$43.06 |
| | | | | | | | | |
| \$0.0197 | 0.00 | \$1.64 | \$0.0000 | 0.00 | \$0.00 | \$0.0197 | 0.00 | \$1.64 |
| 1.61% | 0.00% | 1.45% | 0.00% | 0.00% | 0.00% | 5.41% | 0.00% | 3.96% |
| | | | | | | | | |
| | | | | | | | | |
| \$1.2443 | 83.33 | \$114.81 | \$0.8570 | 83.33 | \$71.42 | \$0.3873 | 83.33 | \$43.40 |
| \$1.2687 | 83.33 | \$116.84 | \$0.8570 | 83.33 | \$71.42 | \$0.4117 | 83.33 | \$45.43 |
| | | | | | | | | |
| \$0.0244 | 0.00 | \$2.03 | \$0.0000 | 0.00 | \$0.00 | \$0.0244 | 0.00 | \$2.03 |
| 1.96% | 0.00% | 1.77% | 0.00% | 0.00% | 0.00% | 6.29% | 0.00% | 4.68% |
| | | | | | | | | |
| | | | | | | | | |
| \$1.2737 | 83.33 | \$117.26 | \$0.8570 | 83.33 | \$71.42 | \$0.4167 | 83.33 | \$45.84 |
| \$1.3062 | 83.33 | \$119.97 | \$0.8570 | 83.33 | \$71.42 | \$0.4492 | 83.33 | \$48.55 |
| | | | | | | | | |
| \$0.0325 | 0.00 | \$2.71 | \$0.0000 | 0.00 | \$0.00 | \$0.0325 | 0.00 | \$2.71 |
| 2.55% | 0.00% | 2.31% | 0.00% | 0.00% | 0.00% | 7.81% | 0.00% | 5.92% |

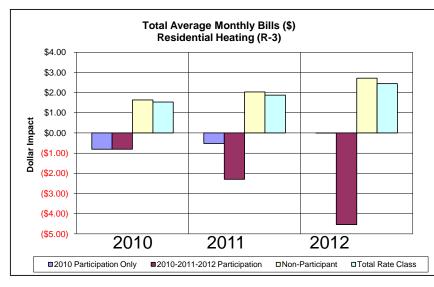


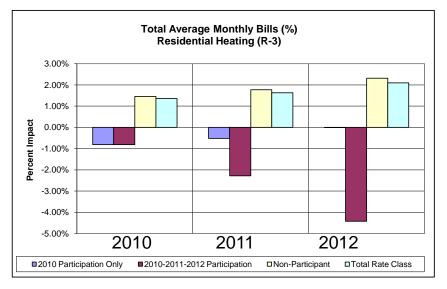


Bay State Gas Company Bill Impacts - Effect on Additional Participants in All Program Years and Average Rate Class For all Program Years Residential Heating (R-3)

| PARTICIPANT IN EACH PLAN YEAR | | | | | | | | | | | | | | |
|-------------------------------------|----------------------|--------------------------------------|----------------------------|----------------------|--------------------------------------|----------------------------|----------------------|--------------------------------------|----------------------------|--|--|--|--|--|
| | Tota | I Rates and | | | y Rates and | | Delive | ry Rates an | d Bills | | | | | |
| 2010 | Total Gas Rate | Monthly Energy Consump tion | Average Monthly Bill | Total Gas Rate | Monthly Energy Consump tion | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consump tion | Average Monthly Bill | | | | | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | | | | | |
| Current Funding Incremental Funding | \$1.2206 \$1.2402 | 71.94 70.15 | \$98.93 \$98.12 | \$0.8570 \$0.8570 | 71.94 70.15 | \$61.65 \$60.12 | \$0.3636 \$0.3832 | 71.94 70.15 | \$37.28 \$38.00 | | | | | |
| Differences In Units % | \$0.0197 1.61% | (1.79) -2.49% | (\$0.81) -0.81% | \$0.0000 0.00% | (1.79) -2.49% | (\$1.53) -2.49% | \$0.0197 5.41% | (1.79) -2.49% | \$0.73 1.95% | | | | | |
| 2011 | | | | | | | | | | | | | | |
| Current Funding | \$1.2443 | 71.94 | \$100.64 | \$0.8570 | 71.94 | \$61.65 | | 71.94 | \$38.98 | | | | | |
| Incremental Funding | \$1.2687 | 68.75 | \$98.34 | \$0.8570 | 68.75 | \$58.92 | \$0.4117 | 68.75 | \$39.42 | | | | | |
| Differences In Units % | \$0.0244 1.96% | (3.19) -4.43% | (\$2.29) -2.28% | \$0.0000 0.00% | (3.19) -4.43% | (\$2.73) -4.43% | \$0.0244 6.29% | (3.19) -4.43% | \$0.44 1.13% | | | | | |
| 2012 | | | | | | | | | | | | | | |
| Current Funding | | | \$102.75 | \$0.8570 | 71.94 | \$61.65 | \$0.4167 | 71.94 | \$41.09 | | | | | |
| Incremental Funding | \$1.3062 | 66.67 | \$98.20 | \$0.8570 | 66.67 | \$57.14 | \$0.4492 | 66.67 | \$41.07 | | | | | |
| Differences In Units % | \$0.0325 2.55% | (5.27) -7.33% | (\$4.54) -4.42% | \$0.0000 0.00% | (5.27) -7.33% | (\$4.52) -7.33% | \$0.0325 7.81% | (5.27) -7.33% | (\$0.03) -0.06% | | | | | |

| | | | TOTAL | . RATE CI | _ASS | | | |
|----------------------|--------------------------------------|----------------------------|----------------------|--------------------------------------|----------------------------|----------------------|--------------------------------------|----------------------------|
| Tota | I Rates and | Bills | Suppl | y Rates and | Bills | Delive | ry Rates an | d Bills |
| Total Gas Rate | Monthly Energy Consump tion | Average Monthly Bill | Total Gas Rate | Monthly Energy Consump tion | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consump tion | Average Monthly Bill |
| \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| \$1.2206 \$1.2402 | 83.33 83.25 | \$112.83 \$114.37 | \$0.8570 \$0.8570 | 83.33 83.25 | \$71.42 \$71.34 | \$0.3636 \$0.3832 | 83.33 83.25 | \$41.42 \$43.02 |
| \$0.0197 1.61% | (0.08) -0.10% | \$1.53 1.36% | \$0.0000 0.00% | (0.08) -0.10% | (\$0.07) -0.10% | \$0.0197 5.41% | (0.08) -0.10% | \$1.61 3.88% |
| | | | | | | | | |
| \$1.2443 \$1.2687 | 83.20 83.08 | \$114.65 \$116.52 | \$0.8570 \$0.8570 | 83.20 83.08 | \$71.30 \$71.20 | \$0.3873 \$0.4117 | 83.20 83.08 | \$43.34 \$45.32 |
| \$0.0244 1.96% | (0.12) | \$1.87 1.63% | \$0.0000 0.00% | (0.12) -0.15% | (\$0.11) -0.15% | | (0.12) -0.15% | \$1.98 4.56% |
| | | | | | | | | |
| \$1.2737 \$1.3062 | 82.72 82.53 | \$116.47 \$118.92 | \$0.8570 \$0.8570 | 82.72 82.53 | \$70.89 \$70.73 | \$0.4167 \$0.4492 | 82.72 82.53 | \$45.58 \$48.19 |
| \$0.0325 2.55% | (0.19) -0.23% | \$2.45 2.10% | \$0.0000 0.00% | (0.19) -0.23% | (\$0.16) -0.23% | \$0.0325 7.81% | (0.19) -0.23% | \$2.61 5.72% |





Bay State Gas Company Bill Impacts - Non-Participant vs. 2010 Participant & Non-Participant vs. Average Residential Heating Low Income (R-4)

| | Cur | rent | Funding C | as | е | | | | | | | Inc | ren | nental Case | 9 | | | |
|---------------------------------|-----------------------------|------|-----------|-----|-----------|----|----------|----|--------|-------------|----|-----------|-----|-------------|----|----------|----|---------|
| 2010 | | | | | | | | | | Monthly | | | | | | | | |
| 20.0 | | | | | | | | Cu | stomer | Consumption | | | | | | | Cu | ıstomer |
| | Monthly Consumption (therm) | | Total | S | upply | | Delivery | С | harge | (therm) | | Total | | Supply | | Delivery | С | harge |
| Gas Rate (\$/therm) | | \$ | 0.99018 | \$0 | .87510 | \$ | 0.11508 | | | | \$ | 1.00960 | \$ | 0.87510 | \$ | 0.13450 | | |
| Non-Participant | 85.10 | \$ | 86.08 | \$ | 74.47 | \$ | 9.79 | \$ | 1.82 | 85.10 | \$ | 87.74 | \$ | 74.47 | \$ | 11.45 | \$ | 1.82 |
| Participant Participant | 63.94 | \$ | 65.13 | \$ | 55.95 | \$ | 7.36 | \$ | 1.82 | 62.03 | \$ | 64.44 | \$ | 54.28 | \$ | 8.34 | \$ | 1.82 |
| In Units (vs. Non-Participants) | (21.16) | Ψ | (\$20.96) | Ψ | (\$18.52) | Ψ | (\$2.44) | Ψ | 1.02 | (23.07) | Ψ | (\$23.29) | Ψ | (\$20.19) | Ψ | (\$3.10) | | 1.02 |
| In % (vs. Non-Participants) | -24.87% | | -24.34% | | -24.87% | | -24.87% | | | -27.11% | | -26.55% | | -27.11% | | -27.11% | | |
| Total Rate Class | 85.10 | | 86.08 | | 74.47 | | 9.79 | \$ | 1.82 | 85.01 | | 87.65 | | 74.40 | | 11.43 | \$ | 1.82 |
| In Units (vs. Non-Participants) | 0.00 | | \$0.00 | | \$0.00 | | \$0.00 | | | (0.09) | | (\$0.09) | | (\$0.08) | | (\$0.01) | | |
| In % (vs. Non-Participants) | 0.00% | | 0.00% | | 0.00% | | 0.00% | | | -0.10% | | -0.10% | | -0.10% | | -0.10% | | |

| | Cur | rent | Funding C | as | е | | | | | Incr | en | nental Cas | е | | | |
|---------------------------------|-----------------------------|------|-----------|-----|-----------|---------------|----|--------|-------------|---------------|----|------------|----|----------|----|--------|
| 2011 | | | | | | | | | Monthly | | | | | | | |
| | | | | | | | Cu | stomer | Consumption | | | | | | Cu | stomer |
| | Monthly Consumption (therm) | | Total | S | upply | Delivery | С | harge | (therm) | Total | | Supply | | Delivery | C | harge |
| Gas Rate (\$/therm) | | \$ | 1.01353 | \$0 |).87510 | \$ 0.13843 | | | | \$ 1.03756 | \$ | 0.87510 | \$ | 0.16246 | | |
| Non-Participant | 85.10 | \$ | 88.07 | \$ | 74.47 | \$ 11.78 | \$ | 1.82 | 85.10 | \$ 90.12 | \$ | 74.47 | \$ | 13.82 | \$ | 1.82 |
| Participant | 63.94 | \$ | 66.62 | \$ | 55.95 | \$ 8.85 | \$ | 1.82 | 62.03 | \$ 66.18 | \$ | 54.28 | \$ | 10.08 | \$ | 1.82 |
| In Units (vs. Non-Participants) | (21.16) | | (\$21.45) | | (\$18.52) | (\$2.93) | | | (23.07) | (\$23.94) | | (\$20.19) | | (\$3.75) | | |
| In % (vs. Non-Participants) | -24.87% | | -24.36% | | -24.87% | -24.87% | | | -27.11% | -26.56% | | -27.11% | | -27.11% | | |
| Total Rate Class | 84.96 | | 87.93 | | 74.35 | 11.76 | \$ | 1.82 | 84.84 | 89.84 | | 74.24 | | 13.78 | \$ | 1.82 |
| In Units (vs. Non-Participants) | (0.14) | | (\$0.14) | | (\$0.12) | (\$0.02) | | | (0.26) | (\$0.27) | | (\$0.23) | | (\$0.04) | | |
| In % (vs. Non-Participants) | -0.16% | | -0.16% | | -0.16% | -0.16% | | | -0.31% | -0.30% | | -0.31% | | -0.31% | | |

| | Curi | ent | Funding C | as | е | | | | | Inc | ren | nental Case | 9 | | |
|---------------------------------|-----------------------------|-----|-----------|-----|-----------|---------------|----|-------------------|-----------------------------------|---------------|-----|-------------|----|----------|-----------------|
| 2012 | Monthly Consumption (therm) | | Total | s | upply | Delivery | | ustomer Charge | Monthly Consumption (therm) | Total | | Supply | | Delivery | stomer harge |
| Gas Rate (\$/therm) | | \$ | 1.04153 | \$0 | .87510 | \$ 0.16643 | | | | \$ 1.07354 | \$ | 0.87510 | \$ | 0.19844 | |
| Non-Participant | 85.10 | \$ | 90.45 | \$ | 74.47 | \$ 14.16 | \$ | 1.82 | 85.10 | \$ 93.18 | \$ | 74.47 | \$ | 16.89 | \$ 1.82 |
| Participant | 63.94 | \$ | 68.41 | \$ | 55.95 | \$ 10.64 | \$ | 1.82 | 62.03 | \$ 68.41 | \$ | 54.28 | \$ | 12.31 | \$ 1.82 |
| In Units (vs. Non-Participants) | (21.16) | | (\$22.04) | | (\$18.52) | (\$3.52) | | | (23.07) | (\$24.77) | | (\$20.19) | | (\$4.58) | |
| In % (vs. Non-Participants) | -24.87% | | -24.37% | | -24.87% | -24.87% | , | | -27.11% | -26.58% | | -27.11% | | -27.11% | |
| Total Rate Class | 84.47 | | 89.80 | | 73.92 | 14.06 | \$ | 1.82 | 84.28 | 92.29 | | 73.75 | | 16.72 | \$ 1.82 |
| In Units (vs. Non-Participants) | (0.63) | | (\$0.66) | | (\$0.55) | (\$0.10) | | | (0.82) | (\$0.88) | | (\$0.72) | | (\$0.16) | |
| In % (vs. Non-Participants) | -0.74% | | -0.73% | | -0.74% | -0.74% | , | | -0.97% | -0.95% | | -0.97% | | -0.97% | |

Availability of Service (Per Tariff):

Single domestic locations for all purposes, except for resale, in individual private dwellings and individual apartments including condominiums and their facilities where such residences are heated exclusively by means of permanently installed space heating equipment to persons who verify receipt of any means-tested public-benefit program or verify eligibility for the low-

Character of Service (Per Tariff):

Continuous supply of gas of not less than 1,000 Btu per cubic foot.

Bay State Gas Company Participant 2010, 2011 and 2012 Consumption Savings

| | Residential Heating Low Income (R-4) | | | | | | | | | |
|---|--------------------------------------|----------------------------------|---|-------------------|---------------------------|---|--------------------------|----------------------------------|--|--|
| 2010 | To | tal Rates and Bi | lls | Sup | ply Rates and | Bills | Deli | very Rates and B | ills | |
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Energy Consumptio n | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component | \$0.9902 | 63.94 62.03 | \$1.82 \$63.31 \$65.13 \$1.82 \$62.62 | \$0.8751 | 63.94 62.03 | \$0.00 \$55.95 \$55.95 \$0.00 \$54.28 | \$0.1151 \$0.1345 | 63.94 62.03 | \$1.82 \$7.36 \$9.18 \$1.82 \$8.34 | |
| Total Differences | | | \$64.44 | | | \$54.28 | | | \$10.16 | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | |
| In Units % | \$0.0194 1.96% | (1.91) -2.98% | (\$0.68) -1.05% | \$0.0000 0.00% | (1.91) -2.98% | (\$1.67) -2.98% | \$0.0194 16.88% | (1.91) -2.98% | \$0.99 10.74% | |

| 2011 | To | tal Rates and Bil | lls | Sup | ply Rates and | Bills | Deli | very Rates and B | ills |
|--|-------------------------|----------------------------------|------------------------------|-------------------------|---------------------------|------------------------------|--------------------------|----------------------------------|------------------------------|
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Energy Consumptio n | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| · | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total | \$1.0135 | 63.94 | \$1.82 \$64.80 \$66.62 | \$0.8751 | 63.94 | \$0.00 \$55.95 \$55.95 | \$0.1384 | 63.94 | \$1.82 \$8.85 \$10.67 |
| Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$1.0376 | 62.03 | \$1.82 \$64.36 \$66.18 | \$0.8751 | 62.03 | \$0.00 \$54.28 \$54.28 | \$0.1625 | 62.03 | \$1.82 \$10.08 \$11.90 |
| Differences | | | | | | | | | |
| In Units % | \$ \$0.0240 2.37% | (1.91) -2.98% | \$ (\$0.44) -0.66% | \$ \$0.0000 0.00% | Therm (1.91) -2.98% | \$ (\$1.67) -2.98% | \$ \$0.0240 17.36% | Therm (1.91) -2.98% | \$ \$1.23 11.49% |

| 2012 | To | Total Rates and Bills | | | ply Rates and | Bills | Delivery Rates and Bills | | | |
|--|----------------------------|----------------------------------|------------------------------|-------------------------|---------------------------|------------------------------|-----------------------------|----------------------------------|------------------------------|--|
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Energy Consumptio n | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total | \$1.0415 | 63.94 | \$1.82 \$66.59 \$68.41 | \$0.8751 | 63.94 | \$0.00 \$55.95 \$55.95 | \$0.1664 | 63.94 | \$1.82 \$10.64 \$12.46 | |
| Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$1.0735 | 62.03 | \$1.82 \$66.59 \$68.41 | \$0.8751 | 62.03 | \$0.00 \$54.28 \$54.28 | \$0.1984 | 62.03 | \$1.82 \$12.31 \$14.13 | |
| Differences | | | | | | | | | | |
| In Units % | Therm \$0.0320 3.07% | Therm (1.91) -2.98% | \$ (\$0.00) 0.00% | \$ \$0.0000 0.00% | Therm (1.91) -2.98% | \$ (\$1.67) -2.98% | Therm \$0.0320 19.23% | Therm (1.91) -2.98% | \$1.67 13.39% | |

| Residential Heating Low Income (R-4) | | | | | | | | | |
|--|-------------------------|----------------------------------|------------------------------|-------------------------|---------------------------|------------------------------|--------------------------|----------------------------------|-----------------------------|
| 2010 | To | tal Rates and Bi | lls | Sup | ply Rates and | Bills | Deli | very Rates and B | ills |
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Energy Consumptio n | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total Incremental Case (Proposed) | \$0.9902 | 63.94 | \$1.82 \$63.31 \$65.13 | \$0.8751 | 63.94 | \$0.00 \$55.95 \$55.95 | \$0.1151 | 63.94 | \$1.82 \$7.36 \$9.18 |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.0096 | 62.03 | \$1.82 \$62.63 \$64.45 | \$0.8751 | 62.03 | \$0.00 \$54.28 \$54.28 | | 62.03 | \$1.82 \$8.34 \$10.16 |
| Differences | | | | | | | | | |
| In Units % | \$ \$0.0194 1.96% | Therm (1.91) -2.99% | \$ (\$0.69) -1.05% | \$ \$0.0000 0.00% | Therm (1.91) -2.99% | \$ (\$1.67) -2.99% | \$ \$0.0194 16.88% | Therm (1.91) -2.99% | \$ \$0.99 10.74% |

| 2011 | То | Total Rates and Bills | | | ply Rates and | Bills | Deli | very Rates and E | ills |
|---|-------------------------|----------------------------------|------------------------------|-------------------------|---------------------------|------------------------------|--------------------------|----------------------------------|-----------------------------|
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Energy Consumptio n | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| · | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case Monthly Service Charge (fixed) | | | \$1.82 | | | \$0.00 | | | \$1.82 |
| Volumetric Component Total | \$1.0135 | 63.94 | \$64.81 \$66.63 | \$0.8751 | 63.94 | \$55.95 \$55.95 | \$0.1384 | 63.94 | \$8.85 \$10.67 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.0376 | 60.85 | \$1.82 \$63.14 \$64.96 | \$0.8751 | 60.85 | \$0.00 \$53.25 \$53.25 | \$0.1625 | 60.85 | \$1.82 \$9.89 \$11.71 |
| Differences | | | | | | | | | |
| In Units % | \$ \$0.0240 2.37% | Therm (3.09) -4.83% | \$ (\$1.67) -2.51% | \$ \$0.0000 0.00% | Therm (3.09) -4.83% | \$ (\$2.70) -4.83% | \$ \$0.0240 17.36% | Therm (3.09) -4.83% | \$ \$1.03 9.69% |

| 2012 | Total Rates and Bills | | | Sup | ply Rates and | Bills | Delivery Rates and Bills | | |
|--|----------------------------|----------------------------------|------------------------------|-------------------------|---------------------------|------------------------------|-----------------------------|----------------------------------|------------------------------|
| Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Energy Consumptio n | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total | \$1.0415 | 63.94 | \$1.82 \$66.60 \$68.42 | \$0.8751 | 63.94 | \$0.00 \$55.95 \$55.95 | | 63.94 | \$1.82 \$10.64 \$12.46 |
| Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$1.0735 | 59.57 | \$1.82 \$63.95 \$65.77 | \$0.8751 | 59.57 | \$0.00 \$52.13 \$52.13 | \$0.1984 | 59.57 | \$1.82 \$11.82 \$13.64 |
| Differences | | | | | | | | | |
| In Units % | Therm \$0.0320 3.07% | Therm (4.37) -6.83% | \$ (\$2.64) -3.87% | \$ \$0.0000 0.00% | Therm (4.37) -6.83% | \$ (\$3.82) -6.83% | Therm \$0.0320 19.23% | Therm (4.37) -6.83% | \$ \$1.18 9.47% |

Bay State Gas Company Non-Participant

| | | idential Hea | ting Low Inc | ome (R-4) | | | | | |
|--|-------------------------|----------------------------------|------------------------------|-------------------------|----------------------------------|------------------------------|--------------------------|----------------------------------|------------------------------|
| 2010 | To | tal Rates and Bi | Is | Su | pply Rates and E | Bills | Deli | very Rates and E | Bills |
| Non-Participant | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total Incremental Case (Proposed) | \$0.9902 | 85.10 | \$1.82 \$84.26 \$86.08 | \$0.8751 | 85.10 | \$0.00 \$74.47 \$74.47 | \$0.1151 | 85.10 | \$1.82 \$9.79 \$11.61 |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.0096 | 85.10 | \$1.82 \$85.92 \$87.74 | \$0.8751 | 85.10 | \$0.00 \$74.47 \$74.47 | \$0.1345 | 85.10 | \$1.82 \$11.45 \$13.27 |
| Differences | | | | | | | | | |
| In Units % | \$ \$0.0194 1.96% | 0.00 0.00% | \$ \$1.65 1.92% | \$ \$0.0000 0.00% | 7herm 0.00 0.00% | \$ \$0.00 0.00% | \$ \$0.0194 16.88% | 0.00 0.00% | \$ \$1.65 14.24% |
| 2011 | Total Rates and Bills | | | Su | pply Rates and E | Bills | Deli | very Rates and E | Bills |
| | | Monthly | Avorago | | Monthly | Avorago | | Monthly | Average |

| 2011 | То | tal Rates and Bil | lls | Su | pply Rates and E | Bills | Deli | very Rates and E | Bills |
|--------------------------------|-----------|-------------------|---------|-----------|------------------|---------|----------|------------------|---------|
| | | Monthly | Average | | Monthly | Average | | Monthly | Average |
| | Total Gas | Energy | Monthly | Total Gas | Energy | Monthly | Delivery | Energy | Monthly |
| Non-Participant | Rate | Consumption | Bill | Rate | Consumption | Bill | Gas Rate | Consumption | Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$1.82 | | | \$0.00 | | | \$1.82 |
| Volumetric Component | \$1.0135 | 85.10 | \$86.25 | \$0.8751 | 85.10 | \$74.47 | \$0.1384 | 85.10 | \$11.78 |
| Total | | | \$88.07 | | | \$74.47 | | | \$13.60 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$1.82 | | | \$0.00 | | | \$1.82 |
| Volumetric Component | \$1.0376 | 85.10 | \$88.30 | \$0.8751 | 85.10 | \$74.47 | \$0.1625 | 85.10 | \$13.82 |
| Total | | | \$90.12 | | | \$74.47 | | | \$15.64 |
| Differences | | | | | | | | | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| In Units | \$0.0240 | 0.00 | \$2.04 | \$0.0000 | 0.00 | \$0.00 | \$0.0240 | 0.00 | \$2.04 |
| % | 2.37% | 0.00% | 2.32% | 0.00% | 0.00% | 0.00% | 17.36% | 0.00% | 15.03% |
| 76 | 2.57 /6 | 0.0070 | 2.0270 | 0.0070 | 0.0070 | 0.0070 | 17.5070 | 0.0070 | 10.00 |

| 2012 | То | tal Rates and Bil | ls | Su | oply Rates and E | Bills | Deli | very Rates and E | ills |
|--------------------------------|-----------|-------------------|--------------------|-----------|-------------------|--------------------|----------|-------------------|--------------------|
| | Total Gas | Monthly Energy | Average Monthly | Total Gas | Monthly Energy | Average Monthly | Delivery | Monthly Energy | Average Monthly |
| Non-Participant | Rate | Consumption | Bill | Rate | Consumption | Bill | Gas Rate | Consumption | Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$1.82 | | | \$0.00 | | | \$1.82 |
| Volumetric Component | \$1.0415 | 85.10 | \$88.63 | \$0.8751 | 85.10 | \$74.47 | \$0.1664 | 85.10 | \$14.16 |
| Total | | | \$90.45 | | | \$74.47 | | | \$15.98 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) | | | \$1.82 | | | \$0.00 | | | \$1.82 |
| Volumetric Component | \$1.0735 | 85.10 | \$91.36 | \$0.8751 | 85.10 | \$74.47 | \$0,1984 | 85.10 | \$16.89 |
| Total | , | | \$93.18 | *** | | \$74.47 | | | \$18.71 |
| Differences | | | | | | | | | |
| | Therm | Therm | \$ | \$ | Therm | \$ | Therm | Therm | \$ |
| In Units | \$0.0320 | 0.00 | \$2.72 | \$0.0000 | 0.00 | \$0.00 | \$0.0320 | 0.00 | \$2.72 |
| | 3.07% | 0.00% | 3.01% | 0.00% | 0.00% | 0.00% | 19.23% | 0.00% | 17.04% |

| Residential Heating Low Income (R-4) | | | | | | | | | |
|--|-------------------|----------------------------------|------------------------------|-------------------------|----------------------------------|------------------------------|----------------------|-------------------------------|------------------------------|
| 2010 | To | otal Rates and Bi | lls | Su | pply Rates and E | ills | De | livery Rates and I | Bills |
| Average | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case Monthly Service Charge (fixed) Volumetric Component Total | \$0.9902 | 85.10 | \$1.82 \$84.26 \$86.08 | \$0.8751 | 85.10 | \$0.00 \$74.47 \$74.47 | \$0.1151 | 85.10 | \$1.82 \$9.79 \$11.61 |
| Incremental Case (Proposed) Monthly Service Charge (fixed) Volumetric Component Total | \$1.0096 | 85.01 | \$1.82 \$85.83 \$87.65 | \$0.8751 | 85.01 | \$0.00 \$74.40 \$74.40 | \$0.1345 | 85.01 | \$1.82 \$11.43 \$13.25 |
| Differences | \$ | Therm | \$ | | | | \$ | Therm | \$ |
| In Units % | \$0.0194 1.96% | (0.09) -0.10% | \$1.57 1.82% | \$ \$0.0000 0.00% | Therm (0.09) -0.10% | \$ (\$0.08) -0.10% | \$0.0194 16.88% | (0.09) -0.10% | \$1.64 14.14% |

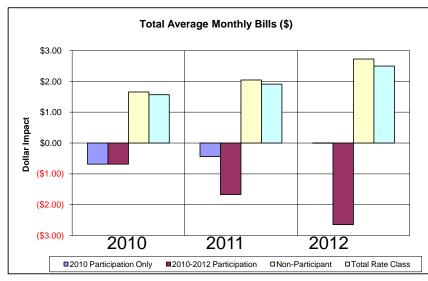
| 2011 | To | otal Rates and Bi | ills | Su | pply Rates and B | ills | De | livery Rates and I | Bills |
|---|-------------------|----------------------------------|------------------------------|-------------------------|----------------------------------|------------------------------|----------------------|-------------------------------|------------------------------|
| Average | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case Monthly Service Charge (fixed) | | | \$1.82 | | | \$0.00 | | | \$1.82 |
| Volumetric Component Total | \$1.0135 | 84.96 | \$86.11 \$87.93 | \$0.8751 | 84.96 | \$74.35 \$74.35 | \$0.1384 | 84.96 | \$11.76 \$13.58 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.0376 | 84.84 | \$1.82 \$88.02 \$89.84 | \$0.8751 | 84.84 | \$0.00 \$74.24 \$74.24 | | 84.84 | \$1.82 \$13.78 \$15.60 |
| Differences | \$ | Therm | \$ | | | | \$ | Therm | \$ |
| In Units % | \$0.0240 2.37% | (0.13) -0.15% | \$1.91 2.17% | \$ \$0.0000 0.00% | Therm (0.13) -0.15% | \$ (\$0.11) -0.15% | \$0.0240 17.36% | (0.13) -0.15% | \$2.02 14.88% |

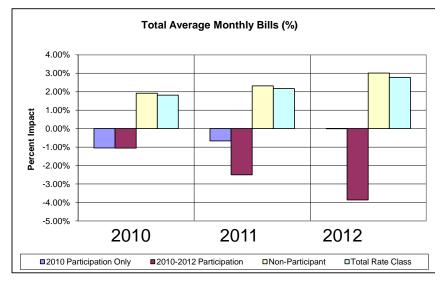
| 2012 | Total Rates and Bills | | Su | pply Rates and E | ills | Delivery Rates and Bills | | | |
|---|-----------------------|----------------------------------|------------------------------|-------------------------|----------------------------------|------------------------------|----------------------|-------------------------------|------------------------------|
| Average | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Total Gas Rate | Monthly Energy Consumption | Average Monthly Bill | Delivery Gas Rate | Monthly Energy Consumption | Average Monthly Bill |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ |
| Current Funding Case | | | | | | *** | | | 21.00 |
| Monthly Service Charge (fixed) | | | \$1.82 | | | \$0.00 | | | \$1.82 |
| Volumetric Component | \$1.0415 | 84.47 | \$87.98 | \$0.8751 | 84.47 | \$73.92 | \$0.1664 | 84.47 | \$14.06 |
| Total | | | \$89.80 | | | \$73.92 | | | \$15.88 |
| Incremental Case (Proposed) | | | | | | | | | |
| Monthly Service Charge (fixed) Volumetric Component Total | \$1.0735 | 84.28 | \$1.82 \$90.47 \$92.29 | \$0.8751 | 84.28 | \$0.00 \$73.75 \$73.75 | \$0.1984 | 84.28 | \$1.82 \$16.72 \$18.54 |
| Differences | \$ | Therm | \$ | | | | \$ | Therm | \$ |
| In Units % | \$0.0320 3.07% | (0.19) -0.23% | \$2.50 2.78% | \$ \$0.0000 0.00% | Therm (0.19) -0.23% | \$ (\$0.17) -0.23% | \$0.0320 19.23% | (0.19) -0.23% | \$2.67 16.79% |

Bay State Gas Company Bill Impacts - Effect on a 2010 Only Participant and Non-Participant For all Program Years Residential Heating Low Income (R-4)

| 2010 PARTICIPANT | | | | | | | | | |
|---|---|--|---|---|---|--------------------------|---------------------------------------|---|--|
| Total Rates and Bills | | | Supply Rates and Bills | | | Delivery Rates and Bills | | | |
| Mon | | Monthly | | Monthly | | | | | |
| | Energy | - | | ٠, | - | | Energy | Average | |
| | Consump | • | | | | | Consump | Monthly | |
| Rate | tion | Bill | Rate | tion | Bill | Gas Rate | tion | Bill | |
| \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | |
| | | | | | | | | | |
| \$0.9902 | 63.94 | \$65.13 | 0.8751 | 63.94 | \$55.95 | \$0.1151 | 63.94 | \$9.18 | |
| \$1.0096 | 62.03 | \$64.44 | 0.8751 | 62.03 | \$54.28 | \$0.1345 | 62.03 | \$10.16 | |
| | | | | | | | | | |
| | , , , , , , , , , , , , , , , , , , , | | 40.000 | · · · · · · · · · · · · · · · · · · · | V | | · · · · · · · · · · · · · · · · · · · | \$0.99 | |
| 1.96% | -2.98% | -1.05% | 0.00% | -2.98% | -2.98% | 16.88% | -2.98% | 10.74% | |
| | | | | | · · · · · · · · · · · · · · · · · · · | | | | |
| | | | | | | | | \$10.67 | |
| \$1.0376 | 62.03 | \$66.18 | \$0.8751 | 62.03 | \$54.28 | \$0.1625 | 62.03 | \$11.90 | |
| \$0.0240 | (1.01) | (\$0.44) | 0000 | (1.01) | (\$1.67) | \$0.0240 | (1.01) | \$1.23 | |
| | , , , , , , , , , , , , , , , , , , , | | | · · · · · · · · · · · · · · · · · · · | V | | | 11.49% | |
| % 2.37% -2.98% -0.66% 0.00% -2.98% -2.98% 17.36% -2.98% 11.49% 2012 | | | | | | | | | |
| \$1.0415 | 63.94 | \$68.41 | \$0.8751 | 63.94 | \$55.95 | \$0.1664 | 63.94 | \$12.46 | |
| \$1.0735 | 62.03 | \$68.41 | \$0.8751 | 62.03 | \$54.28 | \$0.1984 | 62.03 | \$14.13 | |
| \$0.0320 | (1.01) | (\$0,00) | 90,000 | (1.01) | (\$1.67) | \$0.0320 | (1.01) | \$1.67 | |
| | · · · · · · · · · · · · · · · · · · · | V | | · · · · · · · · · · · · · · · · · · · | | | · · · · · · · · · · · · · · · · · · · | 13.39% | |
| | Total Gas Rate \$0.9902 \$1.0096 \$0.0194 1.96% \$1.0135 \$1.0376 \$0.0240 2.37% | Total Gas Rate Consump tion Therm \$0.9902 63.94 \$1.0096 62.03 \$0.0194 (1.91) -2.98% \$1.0376 62.03 \$0.0240 (1.91) 2.37% 62.03 \$1.0415 63.94 \$1.0735 63.94 \$1.0735 63.94 (1.91) -2.98% | Total Rates and Bills Monthly Energy Average Monthly Bill \$ Therm \$ \$ \$ 1.0990 63.94 \$65.13 \$64.44 \$ 1.96% -2.98% -1.05% \$ 1.0135 63.94 \$66.62 \$1.0376 62.03 \$66.18 \$ \$ 1.0415 63.94 \$68.41 \$1.0735 62.03 \$68.41 \$ \$ 1.0415 63.94 \$68.41 \$1.0735 62.03 \$68.41 \$ \$ 1.0320 (1.91) (\$0.00) | Total Rates and Bills Monthly Energy Average Monthly Energy Monthly Total Gas Rate tion Bill Rate \$ Therm \$ \$ \$ \$ \$ \$ \$ \$ \$ | Total Rates and Bills Supply Rates and Monthly Energy Average Energy Average Total Gas Consump Monthly Energy Rate tion Bill Rate Therm \$ Th | Total Rates and Bills | Total Rates and Bills | Total Rates and Bills Supply Rates and Bills Delivery Rates and Bills Monthly Energy Average Consump Monthly Energy Monthly Energy Monthly Energy Monthly Energy Monthly Energy Consump Monthly Gas Rate tion Bill Rate tion Bill Gas Rate tion Bill Gas Rate tion Gas Rate Gas Rate | |

| NON-PARTICIPANT | | | | | | | | | |
|-----------------------|---------|---------|------------------------|---------|---------|--------------------------|---------|---------|--|
| Total Rates and Bills | | | Supply Rates and Bills | | | Delivery Rates and Bills | | | |
| | Monthly | | | Monthly | | | Monthly | | |
| | Energy | Average | | Energy | Average | | Energy | Average | |
| Total Gas | Consump | Monthly | Total Gas | Consump | Monthly | Delivery | Consump | Monthly | |
| Rate | tion | Bill | Rate | tion | Bill | Gas Rate | tion | Bill | |
| \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | |
| | | | | | | | | | |
| \$0.9902 | 85.10 | \$86.08 | 0.8751 | 85.10 | \$74.47 | \$0.1151 | 85.10 | \$13.27 | |
| \$1.0096 | 85.10 | \$87.74 | 0.8751 | 85.10 | \$74.47 | \$0.1345 | 85.10 | \$13.27 | |
| | | | | | | | | | |
| \$0.0194 | 0.00 | \$1.65 | \$0.0000 | 0.00 | \$0.00 | \$0.0194 | 0.00 | \$1.65 | |
| 1.96% | 0.00% | 1.92% | 0.00% | 0.00% | 0.00% | 16.88% | 0.00% | 14.24% | |
| | | | | | | | | | |
| | | | | | | | | | |
| \$1.0135 | 85.10 | \$88.07 | \$0.8751 | 85.10 | \$74.47 | \$0.1384 | 85.10 | \$13.60 | |
| \$1.0376 | 85.10 | \$90.12 | \$0.8751 | 85.10 | \$74.47 | \$0.1625 | 85.10 | \$15.64 | |
| | | | | | | | | | |
| \$0.0240 | 0.00 | \$2.04 | \$0.0000 | 0.00 | \$0.00 | \$0.0240 | 0.00 | \$2.04 | |
| 2.37% | 0.00% | 2.32% | 0.00% | 0.00% | 0.00% | 17.36% | 0.00% | 15.03% | |
| | | | | | | | | | |
| | | | | | | | | | |
| \$1.0415 | 85.10 | \$90.45 | \$0.8751 | 85.10 | \$74.47 | \$0.1664 | 85.10 | \$15.98 | |
| \$1.0735 | 85.10 | \$93.18 | \$0.8751 | 85.10 | \$74.47 | \$0.1984 | 85.10 | \$18.71 | |
| | | | | | | | | | |
| \$0.0320 | 0.00 | \$2.72 | \$0.0000 | 0.00 | \$0.00 | \$0.0320 | 0.00 | \$2.72 | |
| 3.07% | 0.00% | 3.01% | 0.00% | 0.00% | 0.00% | 19.23% | 0.00% | 17.04% | |

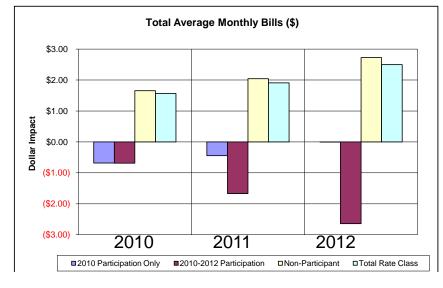


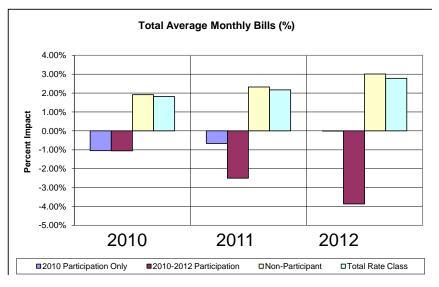


Bay State Gas Company Bill Impacts - Effect on Additional Participants in All Program Years and Average Rate Class For all Program Years Residential Heating Low Income (R-4)

| PARTICIPANT IN EACH PLAN YEAR | | | | | | | | | | |
|-------------------------------|-----------|---------|----------|------------------------|---------|----------|----------|--------------------------|---------|--|
| Total Rates and Bills | | | | Supply Rates and Bills | | | Delive | Delivery Rates and Bills | | |
| | | Monthly | | | Monthly | | | Monthly | | |
| | | Energy | Average | | Energy | Average | | Energy | Average | |
| | Total Gas | Consump | Monthly | Total Gas | Consump | Monthly | Delivery | Consump | Monthly | |
| 2010 | Rate | tion | Bill | Rate | tion | Bill | Gas Rate | tion | Bill | |
| | \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | |
| | | | | | | | | | | |
| Current Funding | \$0.9902 | 63.94 | \$65.13 | 0.8751 | 63.94 | \$55.95 | \$0.1151 | 63.94 | \$9.18 | |
| Incremental Funding | \$1.0096 | 62.03 | \$64.45 | 0.8751 | 62.03 | \$54.28 | \$0.1345 | 62.03 | \$10.16 | |
| Differences | | | | | | | | | | |
| In Units | \$0.0194 | (1.91) | (\$0.69) | \$0.0000 | (1.91) | (\$1.67) | \$0.0194 | (1.91) | \$0.99 | |
| % | 1.96% | -2.99% | -1.05% | 0.00% | -2.99% | -2.99% | 16.88% | -2.99% | 10.74% | |
| 2011 | | | | | | | | | | |
| Current Funding | \$1.0135 | 63.94 | \$66.63 | \$0.8751 | 63.94 | \$55.95 | \$0.1384 | 63.94 | \$10.67 | |
| Incremental Funding | \$1.0376 | 60.85 | \$64.96 | \$0.8751 | 60.85 | \$53.25 | \$0.1625 | 60.85 | \$11.71 | |
| Differences | | | | | | | | | | |
| In Units | \$0.0240 | (3.09) | (\$1.67) | \$0.0000 | (3.09) | (\$2.70) | \$0.0240 | (3.09) | \$1.03 | |
| % | 2.37% | -4.83% | -2.51% | 0.00% | -4.83% | -4.83% | 17.36% | -4.83% | 9.69% | |
| 2012 | | | | | | | | | | |
| Current Funding | \$1.0415 | 63.94 | \$68.42 | \$0.8751 | 63.94 | \$55.95 | \$0.1664 | 63.94 | \$12.46 | |
| Incremental Funding | \$1.0735 | 59.57 | \$65.77 | \$0.8751 | 59.57 | \$52.13 | \$0.1984 | 59.57 | \$13.64 | |
| Differences | | | | | | | | | | |
| In Units | \$0.0320 | (4.37) | (\$2.64) | \$0.0000 | (4.37) | (\$3.82) | \$0.0320 | (4.37) | \$1.18 | |
| % | 3.07% | -6.83% | -3.87% | 0.00% | -6.83% | -6.83% | 19.23% | -6.83% | 9.47% | |

| TOTAL RATE CLASS | | | | | | | | | |
|-----------------------|---------|---------|-----------|-------------|----------|--------------------------|---------|---------|--|
| Total Rates and Bills | | | Suppl | y Rates and | Bills | Delivery Rates and Bills | | | |
| | Monthly | | | Monthly | | | Monthly | | |
| | Energy | Average | | Energy | Average | | Energy | Average | |
| Total Gas | Consump | Monthly | Total Gas | Consump | Monthly | Delivery | Consump | Monthly | |
| Rate | tion | Bill | Rate | tion | Bill | Gas Rate | tion | Bill | |
| \$ | Therm | \$ | \$ | Therm | \$ | \$ | Therm | \$ | |
| | | | | | | | | | |
| \$0.9902 | 85.10 | \$86.08 | 0.8751 | 85.10 | \$74.47 | \$0.1151 | 85.10 | \$11.61 | |
| \$1.0096 | 85.01 | \$87.65 | 0.8751 | 85.01 | \$74.40 | \$0.1345 | 85.01 | \$13.25 | |
| | | | | | | | | | |
| \$0.0194 | (0.09) | \$1.57 | \$0.0000 | (0.09) | (\$0.08) | \$0.0194 | (0.09) | \$1.64 | |
| 1.96% | -0.10% | 1.82% | 0.00% | -0.10% | -0.10% | 16.88% | -0.10% | 14.14% | |
| | | | | | | | | | |
| | | | | | | | | | |
| \$1.0135 | 84.96 | \$87.93 | \$0.8751 | 84.96 | \$74.35 | \$0.1384 | 84.96 | \$13.58 | |
| \$1.0376 | 84.84 | \$89.84 | \$0.8751 | 84.84 | \$74.24 | \$0.1625 | 84.84 | \$15.60 | |
| | | | | | | | | | |
| \$0.0240 | (0.13) | \$1.91 | \$0.0000 | (0.13) | (\$0.11) | \$0.0240 | (0.13) | \$2.02 | |
| 2.37% | -0.15% | 2.17% | 0.00% | -0.15% | -0.15% | 17.36% | -0.15% | 14.88% | |
| | | | | | | | | | |
| | | | | | | | | | |
| \$1.0415 | 84.47 | \$89.80 | \$0.8751 | 84.47 | \$73.92 | \$0.1664 | 84.47 | \$15.88 | |
| \$1.0735 | 84.28 | \$92.29 | \$0.8751 | 84.28 | \$73.75 | \$0.1984 | 84.28 | \$18.54 | |
| | | | | | | | | | |
| \$0.0320 | (0.19) | \$2.50 | \$0.0000 | (0.19) | (\$0.17) | \$0.0320 | (0.19) | \$2.67 | |
| 3.07% | -0.23% | 2.78% | 0.00% | -0.23% | -0.23% | 19.23% | -0.23% | 16.79% | |





Overall Notes

The following assumptions are common or similar to all the rate classes:

- 1. Savings are for average participant and are based on percent savings, not absolute savings.
- 2. Average usage per program participant is higher than usage of average customer.
- 3. Participant is defined as any customer that installs/installed at least one measure, of any kind and of any magnitude, during or after initial site visit or as a result of GN Rebate Program.
- 4. Savings in 2010 and beyond assume average deeper savings due to increased funding and increased awareness.