

STATE OF VERMONT  
PUBLIC SERVICE BOARD

Petition of Vermont Gas Systems, Inc., )  
requesting a Certificate of Public Good pursuant )  
to 30 V.S.A. § 248, authorizing the construction )  
of the "Addison Natural Gas Project" consisting )  
of approximately 43 miles of new natural gas )  
transmission pipeline in Chittenden and Addison )  
Counties, approximately 5 miles of new )  
distribution mainlines in Addison County, )  
together with three new gate stations in )  
Williston, New Haven and Middlebury, )  
Vermont )

Docket No. 7970

RESPONSE OF PETITIONER TO ANR'S  
FIRST SET OF INFORMATION REQUESTS ON PETITIONER

This is the response of Vermont Gas Systems, Inc. ("VGS" or "Petitioner") to the First Set of Discovery Requests ("Discovery Requests") of the Agency of Natural Resources ("ANR"). Petitioner is filing one complete hard copy of its responses with the Public Service Board ("Board"), with two copies served on ANR and a copy served on each other party of record.

**General Objections:**

1. Petitioner objects to any instructions contained in the Discovery Requests to the extent such instructions purport to place on Petitioner greater requirements or reserve greater rights to ANR than are permitted by the Vermont Rules of Civil Procedure as made applicable to Board proceedings through Board Rule 2.214 (A).
2. Petitioner objects to any request for information or production of document(s) that is (or are) subject to the attorney-client privilege, constitute work product, are protected under state or federal law or are proprietary, competitively sensitive or confidential.
3. Petitioner objects to requests to the extent that they (a) are overbroad or unduly burdensome; (b) are cumulative; (c) call for the production of documents not in the possession, custody or control of Petitioner; (d) call for the review, compilation, or production of publicly-available documents that could be obtained by the requesting party in a less burdensome manner; (e) are vague and/or ambiguous; (f) seek information not reasonably calculated to lead to the discovery of admissible evidence; or (g) call for the review, compilation, or production of a voluminous number of documents at great expense to Petitioner.

4. Petitioner does not hereby waive any objections, and it reserves the right to later raise any additional, available objections.

5. Responses and objections indicated herein reflect the position of the individual specified by Petitioner and not the other respondents unless specifically stated otherwise.

**Q.ANR:VGS.1-1:** Please identify any person who assisted in the preparation of the Petition and testimony of each of Petitioner's witnesses. For each such person identified, please provide curriculum vitae or resume indicating that person's employment, education and work experience history.

**A.ANR:VGS.1-1:**

Objection on the grounds that the questions as framed is overly broad and unduly burdensome. Petitioner will not be listing those who provided clerical support only, nor will Petitioner be providing resumes for counsel. Further objection to the extent the question seeks work product, information that is subject to the attorney-client privilege or information not reasonably calculated to lead to the discovery of admissible evidence. Without waiving the objection, Petitioner responds:

A. Donald Gilbert, Jr, VGS  
Eileen Simollardes, VGS  
Stephen B. Wark, VGS  
Kimberly Hayden, Downs Rachlin Martin PLLC  
Jeffrey Carr  
Lawrence Copp  
Robert Chase  
Brian Halloran  
Matthew Cooper  
Timothy S. Lyons, VGS  
James B. Howe, CHA  
Julie Porcarco, CHA  
John Heintz, CHA  
Jim Colantonio, C&C  
Mike Flock, C&C  
Jeffrey A. Nelson  
Joshua Sky, VHB  
Adam Crary, VHB  
Krista Reinhart, VHB  
Robert Wildey, VHB  
Meddie Perry, VHB  
Jesse Therrien, VHB  
Brad Ketterling  
Michael J. Buscher, T.J. Boyle  
Jeff Szatkowski, T.J. Boyle  
John Gordon Crock, PhD, UVM CAP  
Catherine Quinn, UVM CAP  
Francis W. Robinson, UVM CAP

Jean-Marc Teixeira, VGS  
Chris LeForce, VGS  
Brian Gray, VGS  
John St. Hilaire  
Heidi Trimarco, Downs Rachlin Martin PLLC

See **Attachment A.ANR:VGS.1-1**. Resumes for those that have resumes are attached.

Person Responsible for Response: Kimberly K. Hayden, Esq.  
Title: Director, Downs Rachlin Martin PLLC  
Date: May 3, 2013

**Q.ANR:VGS.1-2:** Please identify any person who assisted in providing responses to the information requests. For each such person identified, please provide curriculum vitae or resume indicating that person's employment, education and work experience history.

**A.ANR:VGS.1-2:** Please refer to each response for the name of the person responsible for preparing each response to these information requests. Resumes of the witnesses, if available, were produced with the testimony. Resumes of others who assisted with preparation of testimony are included in **Attachment A.ANR:VGS.1-1**.

Person Responsible for Response: Kimberly K. Hayden, Esq.  
Title: Director, Downs Rachlin Martin PLLC  
Date: May 3, 2013

**Q.ANR:VGS.1-3:** Has VELCO approved the proposed route for the project through the VELCO right of way?

**A.ANR:VGS.1-3:** Objection, the question is vague. Further objection to the extent the question seeks proprietary information. Without waiving the objection, Petitioner responds:

Petitioner and VELCO have not entered into a definitive agreement or easement, but have been and continue to work closely regarding the proposed Project alignment within or adjacent to the VELCO corridor.

No, VELCO has not formally approved the use of the VELCO right of way. However, Vermont Gas and VELCO have been in close communication regarding the proposed route and anticipate executing a memorandum of understanding regarding the shared use of the right of way.

Person Responsible for Response: Eileen Simollardes  
Title: Vice President, Supply and Regulatory Affairs, Vermont Gas Systems, Inc.  
Date: May 3, 2013

**Q.ANR:VGS.1-4:** Please produce the resume of Eileen Simollardes.

**A.ANR:VGS.1-4:** Ms. Simollardes does not have a current resume. Her CV is provided in Attachment A.ANR:VGS.RTP.1-4a.

Person Responsible for Response: Eileen Simollardes  
Title: Vice President, Supply and Regulatory Affairs, Vermont Gas Systems, Inc.  
Date: May 3, 2013

**Q.ANR:VGS. 1-5:** Please identify any and all support for the testimony of Eileen Simollardes in response to question 7, that the project will “lower[] Addison County energy bills by over \$200 million over the next 20 years reducing greenhouse gas emissions (“GHGs”) by a total of almost 300,000 tons over the same period, removing trucks from Vermont’s roads.”

**A.ANR:VGS. 1-5:** See **HIGHLY CONFIDENTIAL Attachment A.ANR:VGS.RTP.1-3 (Simollardes)**.

Person Responsible for Response: Eileen Simollardes  
Title: Vice President, Supply and Regulatory Affairs, Vermont Gas Systems, Inc.  
Date: May 3, 2013



**Q.ANR:VGS. 1-6:** Please identify the households for which the project will reduce energy bills. Please provide the amount of energy bills per household that will be reduced. Please identify the amount and source of energy currently being utilized by each household.

**A.ANR:VGS. 1-6:** Objection on the grounds that the question as framed is overly broad, unduly burdensome, and to the extent the question seeks to require Petitioner to prepare calculations not already performed. Without waiving the objection, Petitioner responds:

The specific households to be served have not yet been identified. However Exhibits TSL-1.1 and TSL-1.2 provide the preliminary assumed footprint of the distribution network. Households within that footprint will have access to natural gas and be able to reduce their energy bills by converting. The actual amount of energy bills saving per household will depend on the efficiency of the natural gas equipment as compared to the efficiency of the equipment being replaced and the price of natural gas at the time of the conversion versus the price of the fuel being replaced. Vermont Gas has assumed that a household converting from #2 fuel oil will save an estimated \$1,570 per year while a household converting from propane will save an estimated \$1,912. These calculations are provided in **HIGHLY CONFIDENTIAL Attachment A.ANR:VGS.RTP.1-3 (Simollardes)**. Vermont Gas does not have the amount and source of energy being utilized by each household. Vermont Gas has assumed that within the footprint to be served, 70% of the homes utilize fuel oil and 30% utilize propane.

Person Responsible for Response: Eileen Simollardes  
Title: Vice President, Supply and Regulatory Affairs, Vermont Gas Systems, Inc.  
Date: May 3, 2013

**Q.ANR:VGS.1-7:** Please identify the current GHG emissions of each household that Vermont Gas asserts will be reduced by the Project.

**A.ANR:VGS.1-7:** Objection on the grounds that the questions as framed is overly broad, unduly burdensome, and to the extent the question seeks to require Petitioner to prepare calculations not already performed. Without waiving the objection, Petitioner responds:

Vermont Gas does not have this calculation. See A.ANR:VGS.1-6. However, based on the assumptions regarding usage per household, Vermont Gas estimates that on average each household currently using heating with fuel oil emits 15,929 pounds of carbon dioxide per year, 51 pounds sulfur dioxide per year, and 13 pounds nitrogen oxide per year. For a household currently heating with propane, the estimates are 13,661 pounds of carbon dioxide per year, 0.1 pounds sulfur dioxide per year, and 15 pounds nitrogen oxide per year. See **Attachment A.ANR:VGS.1-7**.

Person Responsible for Response: Eileen Simollardes  
Title: Vice President, Supply and Regulatory Affairs, Vermont Gas Systems, Inc.  
Date: May 3, 2013

**Q.ANR:VGS.1-8:** Please identify the amount of truck and construction vehicle traffic and use that will be employed during construction of the project.

**A.ANR:VGS.1-8:** Objection to the extent the question seeks to require Petitioner to prepare calculations not already performed. Without waiving the objection, Petitioner responds:

I have not performed a calculation of the exact number of trucks and construction vehicles that will be used during construction of the Project. Answer 22 to my February 28, 2013 Supplemental Prefiled testimony addresses traffic impacts. My testimony also describes the Project and Project construction. The testimony of Donald Gilbert addresses Project schedule. The following is a list of the type of heavy equipment (or equivalent) that could potentially be located within the Project ROW during construction:

- 3 - Caterpillar D6 Dozers
- 2 - Caterpillar D8 Dozers
- 6 - Caterpillar 325 Excavators
- 2 - Caterpillar 583 Side Booms
- 8 - 572 or 571 Caterpillar Side Booms
- 2 - Ozzie Padding Machines
- 1 - CRC Bending Machine

In addition, it is anticipated that approximately 50 additional pickup trucks and personnel vehicles will be used during the project.

Person Responsible for Response: John Heintz  
Title: Project Manager  
Date: May 3, 2013

**Q.ANR:VGS.1-9:** Please identify the amount of emissions of the truck and construction vehicles that will be utilized during construction of the project.

**A.ANR:VGS.1-9:** Objection to the extent the question seeks to require Petitioner to prepare calculations not already performed. Without waiving the objection, Petitioner responds:

I have not performed the calculation requested.

Person Responsible for Response: John Heintz  
Title: Project Manager  
Date: May 3, 2013

**Q.ANR:VGS.1-10:** Please provide the experience and educational background of Eileen Simollardes that supports the foundation for her testimony on greenhouse gas emissions.

**A.ANR:VGS.1-10:**

Ms. Simollardes is not testifying as an expert on greenhouse gas emissions. Rather she has applied greenhouse gas emissions developed by other agencies and experts to the assumed natural gas sales for this project.

Person Responsible for Response: Eileen Simollardes  
Title: Vice President, Supply and Regulatory Affairs, Vermont Gas Systems, Inc.  
Date: May 3, 2013

**Q.ANR:VGS.1-11:** As used in the testimony of Eileen Simollardes, please define what is meant by "greenhouse gas emissions." What are the constituents that comprise or make-up green house gas emissions?

**A.ANR:VGS.1-11:** I am using it in the same sense the Board used the term when it made the following statement in its order approving the System Expansion Reliability Fund in Docket No. 7712 :

"Expanded natural gas availability could provide significant benefits to Vermont residential and business consumers in newly served areas through introduction of a lower-cost fuel source into those areas. It also has the potential to reduce greenhouse gas emissions, by displacing fuels with higher carbon content."

Docket No. 7712, Order of 9/28/11 at 2.

More specifically, as used in my testimony, greenhouse gas emissions refer to the emissions of carbon dioxide, sulfur oxides and nitrogen oxides from the use of natural gas at or other fossil fuels at the point of consumer consumption, commonly referenced as "the burner tip." The constituents that comprise or make-up greenhouse gas emissions vary depending on the point of reference.

Person Responsible for Response: Eileen Simollardes  
Title: Vice President, Supply and Regulatory Affairs, Vermont Gas Systems, Inc.  
Date: May 3, 2013

**Q.ANR:VGS.1-12:** Please identify and describe the capacity and specifications for the “typical oil furnace” and “natural gas furnace.”

**A.ANR:VGS.1-12:** Objection, the question is vague and ambiguous. To the extent the question is in reference to the terms as used in Ms. Simollardes' testimony, Ms. Simollardes does not have that information. The information was based on EPA information as provided in Attachment A.ANR:VGS.RTP.1-3 (Simollardes).

Person Responsible for Response: Eileen Simollardes  
Title: Vice President, Supply and Regulatory Affairs, Vermont Gas Systems, Inc.  
Date: May 3, 2013

**Q.ANR:VGS.1-13:** Please provide the source of the information provided in response to question 8.

**A.ANR:VGS.1-13:** The response is based upon my experience.

Person Responsible for Response: John Heintz  
Title: Project Manager  
Date: May 3, 2013



**Q.ANR:VGS.1-14:** Identify who prepared Exhibit Petitioner EMS-1, and please provide his or her CV and all information requested in response to Request to produce 4.

**A.ANR:VGS.1-14:** Ms. Simollardes prepared Exhibit Petitioner EMS-1. See A.ANR:VGS.RTP.1-4.

Person Responsible for Response: Eileen Simollardes  
Title: Vice President, Supply and Regulatory Affairs, Vermont Gas Systems, Inc.  
Date: May 3, 2013

**Q.ANR:VGS.1-15:** How many customers does EMS-1 assume will convert from propane to natural gas?

**A.ANR:VGS.1-15:** EMS-1 assumes 373 customers will convert from propane to natural gas by 2016. By 2034 EMS-1 assumes 685 customers will have converted from propane to natural gas.

Person Responsible for Response: Eileen Simollardes  
Title: Vice President, Supply and Regulatory Affairs, Vermont Gas Systems, Inc.  
Date: May 3, 2013

**Q.ANR:VGS.1-16:** How many customers does EMS-1 assume will convert from propane to natural gas?

**A.ANR:VGS.1-16:** See A.ANR:VGS.1-15.

Person Responsible for Response: Eileen Simollardes  
Title: Vice President, Supply and Regulatory Affairs, Vermont Gas Systems, Inc.  
Date: May 3, 2013

**Q.ANR:VGS.1-17:** Please provide all facts supporting the basis for this assumption.

**A.ANR:VGS.1-17:**

Assuming this question refers to the basis for the assumption regarding number of customers converting to propane, the assumption was based on:

1. 3063 customers within the Vergennes/Middlebury footprint.
2. An assumption that 30% of the customers were currently using propane.
3. An assumption that market penetration in the first year would be 40% for residential and small commercial customers and 100% for large commercial and industrial customers.
4. An assumption that market penetration by year 20 would increase to 74% for residential and small commercial customers.

Person Responsible for Response: Eileen Simollardes, Brian Gray  
Title: Vice President, Supply and Regulatory Affairs, Vermont Gas Systems, Inc.; Marketing  
Manager  
Date: May 3, 2013

**REQUESTS TO PRODUCE**

**Q.ANR:VGS.RTP.1-1:** Please produce all documents requested in the preceding questions.

**A.ANR:VGS.RTP.1-1:** See attachments to preceding questions that requested documents.

Person Responsible for Response: Kimberly Hayden, Esq.  
Title: Director, Downs Rachlin Martin PLLC  
Date: May 3, 2013

**Q.ANR:VGS.RTP.1-2:** Please produce any and all documents identified, referenced, relied upon, or referred to in responding to these information requests.

**A.ANR:VGS.RTP.1-2:** Objection on the grounds that the question as framed is overly broad and unduly burdensome. Further objection to the extent the question seeks work product, information that is subject to the attorney-client privilege, information that is proprietary, competitively sensitive, and/or otherwise confidential. Petitioner further objects to the extent this question seeks information not reasonably calculated to lead to the discovery of admissible evidence. Without waiving the objection, Petitioner responds:

See attachments to preceding questions.

Person Responsible for Response: Kimberly Hayden, Esq.  
Title: Director, Downs Rachlin Martin PLLC  
Date: May 3, 2013

**Q.ANR:VGS.RTP.1-3:** Please produce any and all documents identified, referenced, relied upon, or referred to in preparing the testimony of Petitioner's witnesses.

**A.ANR:VGS.RTP.1-3:** Objection on the grounds that the question as framed is overly broad and unduly burdensome. Further objection to the extent the question seeks work product, information that is subject to the attorney-client privilege, information that is proprietary, competitively sensitive, and/or otherwise confidential. Petitioner further objects to the extent this question seeks information not reasonably calculated to lead to the discovery of admissible evidence. Without waiving the objection, Petitioner's witnesses relied upon exhibits included with Petitioner's filings, which documents are not being re-produced here. Where testimony references the Code of Federal Regulations or other standards, they may not be produced here as they are publically available. In addition, as to each witness, Petitioner produces the following:

**Attachment A.ANR:VGS.RTP.1-3 (Buscher)**

**Attachment A.ANR:VGS.RTP.1-3 (Carr) and CONFIDENTIAL Attachment  
A.ANR.VGS.RTP.1-3 (Carr)**

**Attachment A.ANR:VGS.RTP.1-3 (Crock)**

**Attachment A.ANR:VGS.RTP.1-3 (Gilbert)**

**Attachment A.ANR:VGS.RTP.1-3 (Heintz) and CONFIDENTIAL Attachment  
A.ANR:VGS.RTP.1-3 (Heintz)**

**Attachment A.ANR:VGS.RTP.1-3 (Howe)**

**Attachment A.ANR:VGS.RTP.1-3 (Lyons), and CONFIDENTIAL Attachment  
A.ANR:VGS.RTP.1-3 (Lyons) and HIGHLY CONFIDENTIAL Attachment  
A.ANR:VGS.RTP.1-3 (Lyons)**

**Attachment A.ANR.VGS.RTP.1-3 (Nelson)**

**Attachment A.ANR.VGS.RTP.1-3 (Simollardes) and HIGHLY CONFIDENTIAL  
Attachment A.ANR.VGS.RTP.1-3 (Simollardes)**

**Attachment A.ANR.VGS.RTP.1-3 (Teixeira)**

**Attachment A.ANR.VGS.RTP.1-3 (Wark)**

Person Responsible for Response: All Witnesses Listed  
Date: May 3, 2013



**Q.ANR:VGS.RTP.1-4:** For each expert you intend to call as a witness in this proceeding with regard to the topics on which they have offered expert testimony, and any and all subjects related to the aforesaid (including those experts who offered prefiled direct testimony), please provide:

- a. A resume or CV (unless such resume has already been provided);
- b. A copy of any reports, studies, documents or other analytical work relating to the subject matter of this proceeding performed in whole or in part by the expert or at the expert's direction;
- c. An identification and copy of all documents relied upon by the expert in reaching the opinions he or she may offer in this proceeding;
- d. All exhibits that may be offered in this proceeding through the expert (unless they have already been provided in connection with the expert's prefiled direct testimony);
- e. A list of all publications authored in whole or in part by the expert;
- f. A list of all administrative and court proceedings and depositions in which the expert offered an opinion; and
- g. A list of all professional licenses held by the expert.

**A.ANR:VGS.RTP.1-4:**

- a. See **Attachment A.ANR:VGS.RTP.1-4a.**
- b. Objection on the grounds that the question as framed is overly broad and unduly burdensome. Further objection to the extent the question seeks work product, information that is subject to the attorney-client privilege or information not reasonably calculated to lead to the discovery of admissible evidence. Without waiving the objection, Petitioner responds: Petitioner has produced final reports, studies, documents or other analytical work relating to the subject matter of this proceeding performed in whole or in part by the expert or at the expert's direction either as prefiled, exhibits or in response to Q.ANR:VGS.RTP.1-3. See A.ANR:VGS.RTP.1-3.

c. See A.ANR:VGS.RTP.1-3.

d. Petitioner intends to offer all prefiled exhibits.

e. Objection on the grounds that the question as framed is overly broad and unduly burdensome. Further objection to the extent the question seeks information not reasonably calculated to lead to the discovery of admissible evidence. Petitioner's response is limited to those publications authored in whole or in part by the expert within the past five (5) years. Without waiving the objection, Petitioner responds, see testimony and resumes already provided and **Attachment A.ANR:VGS.RTP.1-4e**.

f. Objection on the grounds that the question as framed is overly broad and unduly burdensome. Further objection to the extent the question seeks information not reasonably calculated to lead to the discovery of admissible evidence. Petitioner's response is limited to those administrative and court proceedings and depositions in which the expert offered an opinion within the past five (5) years. Without waiving the objection, Petitioner responds see testimony and resumes already provided. See **Attachment A.ANR:VGS.RTP.1-4f**.

In addition, as to Mr Howe:

- Direct testimony in rate case in Massachusetts on behalf of Boston Gas Company, Essex Gas Company, and Colonial Gas Company, April 16, 2010. Hearings on different days in July, 2010.
- Rebuttal testimony on behalf of Pacific Gas and Electric in the Pipeline Safety Enhancement Plan (Implementation Plan) proceeding (11-02-019), February 28, 2012. Hearings March 21, 2012.
- Direct testimony on behalf of Pacific Gas and Electric in the Records Management within the Gas Transmission Division of PG&E proceeding (11-02-016), June, 2012. Hearings September 14, 2012.

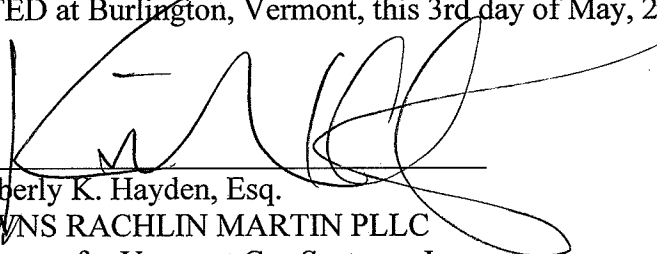
g. See A.ANR:VGS.1-1 and Petitioner's testimony and exhibits which state where applicable professional licenses held by witnesses.

Person Responsible for Response: Those Witnesses Listed Provided the Information Ascribed to Them.

Date: May 3, 2013

**As to objections:** Kimberly K. Hayden, Esq.

DATED at Burlington, Vermont, this 3rd day of May, 2013.



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