



**STATE OF NEW HAMPSHIRE
BEFORE THE
PUBLIC UTILITIES COMMISSION**

Docket No. DG 14-180

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Distribution Service Rate Case

JOINT DIRECT TESTIMONY

OF

STEPHEN R. HALL

AND

JAMES D. SIMPSON

August 1, 2014

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1 **I. INTRODUCTION AND BACKGROUND**

2 **Q. Mr. Hall, please state your name, occupation and business address.**

3 A. My name is Stephen R. Hall and I am employed by Liberty Energy Utilities (New
4 Hampshire) Corp. as Director, Regulatory and Government. My business address is
5 15 Buttrick Road, Londonderry NH 03053. I am responsible for rates and
6 regulatory affairs for Liberty Utilities (EnergyNorth Natural Gas) Corp.
7 (“EnergyNorth”) and Liberty Utilities (Granite State Electric) Corp. and I have
8 supervisory responsibility for government affairs at the companies.

9

10 **Q. Mr. Hall, have you previously testified before the New Hampshire Public**
11 **Utilities Commission (the “Commission”)?**

12 A. Yes, I have testified extensively before the Commission during my 34-year career
13 at Public Service of New Hampshire and more recently on behalf of Liberty
14 Utilities. My testimony has covered a wide range of regulatory, ratemaking and
15 pricing issues, including testimony in support of many special contracts.

16

17 **Q. Mr. Simpson, please state your name, address and position.**

18 A. My name is James D. Simpson. I am a Senior Vice President with Concentric
19 Energy Advisors, 293 Boston Post Road West, Suite 500, Marlborough,
20 Massachusetts 01752. My professional qualifications and experience have been
21 provided in Attachment RATES-11.

22

1 **Q. Mr. Simpson, have you testified previously before the Commission?**

2 A. Yes, I testified on behalf of Northern Utilities (“Northern”) in Northern’s 2013 rate
3 case in support of a proposed alternative rate plan; recently, I also testified on
4 behalf of Northern in several Cost of Gas proceedings.¹ In addition, while I was
5 employed by Bay State Gas Company, I testified before the Commission on behalf
6 of Northern Utilities in many proceedings on a variety of issues related to rates,
7 growth-related projects and other economic and regulatory matters.

8
9 **Q. What is the purpose of this testimony?**

10 A. The purpose of this testimony is to (a) explain the development of weather
11 normalized calendar year billing determinants and base revenues for rate design and
12 (b) present and support the calculations and analysis related to the Company’s
13 proposed rates, including typical bill impact analyses.

14
15 **II. TEST YEAR SALES REVENUE PROOF**

16 **Q. Please explain the purpose of the test year sales revenue proof.**

17 A. The purpose of the test year sales revenue proof is to verify that the actual customer
18 counts and delivery volumes recorded in the Company’s records are accurate and
19 suitable for use in developing the weather normalized calendar year billing

¹ (a) 2009 Summer Cost of Gas (“COG”) proceeding, Docket No. DG 09-052; (b) 2009 / 2010 Winter COG proceeding, Docket No. DG 09-167; (c) 2010 Summer Cost of Gas proceeding, Docket No. DG 10-050, (d) 2010 / 2011 Winter Cost of Gas proceeding, Docket No. DG 10-250; and (e) 2011 Summer Cost of Gas (“COG”) proceeding, Docket No. DG 11-045.

1 determinants used to determine proposed rates and revenues in this proceeding.

2

3 **Q. Attachment RATES-1, page 2, indicates that the actual booked margin for the**
4 **test year is \$54,984,777. Have you proven that the actual bills and volumes**
5 **from Attachment RATES-1, page 1, applied to the currently approved base**
6 **rates will produce this margin?**

7 A. Yes. Attachments RATES-1 and RATES-2 contain a summary of the revenue
8 proof calculation that compares the base revenues on the Company's books with the
9 base revenues derived by applying the approved base rates against the actual bills
10 and volumes for the test year. The results of that calculation are summarized on
11 Attachment RATES-1, pages 2-3. As shown on page 3, the calculated base revenue
12 differs from the booked base revenue by only \$20,672, which is less than 0.1
13 percent.

14

15 **III. WEATHER NORMALIZATION ADJUSTMENT**

16 **Q. Please explain the rationale for the weather normalization adjustment.**

17 A. Based on prior Commission decisions and consistent with the practice in many
18 other jurisdictions, the Company's rates are established using weather normalized
19 billing determinants, not actual test year volumes. This is because gas utility net
20 revenues are extremely sensitive to weather conditions, and therefore revenue
21 requirement and rate design activities are typically structured to allow a reasonable
22 expectation of earnings under the presumption of normal weather conditions. As a

1 result, in order to establish the Company's proposed rates, it is first necessary to
2 adjust the actual test year sales volumes and base revenues to generate billing
3 determinants and calculate base revenues that could reasonably be expected to have
4 occurred under normal weather conditions.

5
6 **Q. Was the weather warmer or colder than normal during the test year?**

7 A. Using the average of the last thirty years of degree day data as measured at the
8 Manchester, New Hampshire weather station as the standard for normal, the test
9 year was 410 degree days or 6.5% percent colder than normal in the Company's
10 service territory.

11

12 **Q. Describe the proposed adjustment to sales and revenues to account for the**
13 **colder than normal weather experienced during the test year?**

14 A. Calculations indicate that test year deliveries were roughly 7.97 million therms
15 greater than they would have been if the weather had been normal during the test
16 year, as shown on Attachment RATES-2, page 4. As shown on Attachment
17 RATES-3, page 2, if one assumes decreased deliveries in this amount, the
18 Company's base revenues would have been \$1,645,434 lower in a normal year
19 compared to actual revenues.

20

1 **Q. Have you prepared schedules to support your weather normalization**
2 **adjustment?**

3 A. Yes, the weather normalization calculation is summarized on Attachment RATES-2
4 and RATES-3.

5
6 **Q. Please summarize the methodology that the Company uses to weather**
7 **normalize sales and revenue data.**

8 A. The normalization technique is the same as that used in the Company's revenue
9 neutral rate case (Docket No. DG 00-063) and the Company's last two rate cases
10 (Dockets Nos. DG 08-009 and DG 10-017). The Company determined the weather
11 normalization adjustments to calendar month sales for each rate class by identifying
12 the temperature-sensitive portion of sales for each class and calculating how much
13 more or less the monthly sales would have been to that class if weather had been
14 normal. The weather normalizing adjustments to revenues are determined by
15 identifying the average incremental base rate charged to each rate class in each
16 month. This rate is based on the rate block where the class's average use per meter
17 ends, for the base rate schedule applicable to the rate class. The price of the block
18 in which the average use falls is used as the incremental rate. The product of the
19 incremental rate and the weather normalizing adjustment to sales for each rate class
20 equals the monthly revenue adjustment for the class.

21

1 **Q. How did you determine sales and revenues on a calendar month basis to begin**
2 **the weather normalization calculation?**

3 A. We followed the method approved in the Company's last fully litigated rate case,
4 Docket No. DR 91-212, which was the same methodology used in the settlements
5 approved in Dockets Nos. DG 08-009 and DG 10-017. Each month, the calculation
6 starts with system sendout data and subtracts all company use and unaccounted for
7 gas to determine total calendar month firm deliveries. The Company determines
8 the unaccounted for gas by applying the average annual unaccounted for percentage
9 to the total monthly firm sendout. The calendar month firm deliveries are then
10 allocated to each individual firm rate class based on a rolling two-month average of
11 class sales to total deliveries. The amount of gas that has been delivered but not yet
12 recorded for billing purposes, known as unbilled volume, is calculated simply as
13 the estimated calendar month deliveries less the actual billed deliveries.

14
15 **Q. Why didn't you do your weather normalization based on billing month data?**

16 A. The decision to use calendar month data was based on three factors. First, calendar
17 month data is used because it allows for a matching of the costs incurred and
18 associated revenues for a given month in accordance with generally accepted
19 accounting principles, which permits a more appropriate comparison between
20 delivery and sendout data. Second, the Company currently bills on a service
21 rendered basis where price changes occur at the start of a calendar month; thus,
22 calendar month data permits easier and simpler calculation of revenues. Third, the

1 calendar month method was used in the Company's last three base rate cases, as
2 approved by the Commission.

3

4 **IV. PRO FORMA BASE REVENUE ADJUSTMENT**

5 **Q. Why has the Company proposed a pro forma base rate revenue adjustment?**

6 A. On July 1, 2014, the Company implemented new base rates for the recovery of
7 approved costs under the Company's Cast Iron/Bare Steel Program in accordance
8 with Order 25,684 issued in Docket No. DG 14-041. Since the test year books
9 reflect these costs while the test year revenues do not, it is necessary to include a
10 pro forma adjustment to reflect the revenue difference between current rates and
11 test year rates. This adjustment will increase test year revenue to the level in effect
12 on July 1, 2014.

13

14 **Q. Please describe how the Company calculated pro forma base rate revenue**
15 **adjustment.**

16 A. The Company calculated the revenue adjustment, an increase of \$383,320, by
17 calculating the difference between the calendar month weather normalized test year
18 base revenue with the revenue that would have been generated based on the rates
19 approved in DG 14-041. Please see Attachment RATES-3, page 3, for a summary
20 of this adjustment.

21

1 **Q. What is the Company's final test year calendar month weather normalized**
2 **base revenues including the pro forma base rate revenue adjustment?**

3 A. The Company's final test year calendar month weather normalized base revenues
4 including the pro forma base rate revenue adjustment is \$54,048,363, which shown
5 on Attachment RATES-3, page 4, line 15.

6

7 **V. LOW-INCOME DISCOUNT AT CURRENT RATES**

8 **Q. Why has the Company calculated the low-income discount at current rates**
9 **shown on Attachment RATES-3, page 4?**

10 A. The discount for Low-Income Residential Heating Rate R-4 customers is the
11 difference between revenues that would have been produced at Residential Heating
12 Rate R-3 rates and that produced by Residential Heating Rate R-4. Calculating the
13 calendar month weather normalized discount is required for rate design purposes
14 because Rate R-4 prices are derived from the otherwise applicable Rate R-3 prices.
15 The calculation of the calendar month weather normalized discount at current rates
16 is shown on Attachment RATES-3, page 4.

17

18 **VI. RATE DESIGN INTRODUCTION**

19 **Q. Please describe the principles that were followed in designing the Company's**
20 **proposed rates.**

21 A. The proposed rates represent a balancing of the principles of appropriate rate
22 design, which include, efficiency, simplicity, continuity of rates, fairness between

1 rate classes and corporate earnings stability.

2

3 **Q. Please explain your understanding of these principles.**

4 A. An efficient rate structure promotes economically justified use of the Company's
5 sales and distribution services, and discourages wasteful use. As explained in
6 Section VII of this testimony, the results of the Marginal Cost Study (Attachments
7 JDS/MCS-10 and JDS/MCS-11) were used to develop the rate design. Rate design
8 simplicity is achieved if the customers understand what they are being charged - the
9 level of rates and the rate structure. Rate continuity requires that changes to the rate
10 structure should not be abrupt and unexpected; gradual changes to the rate structure
11 should allow customers to modify their usage patterns. A rate design is fair if no
12 customer class pays more than the costs to serve that class. A rate design provides
13 for earnings stability if the Company has a reasonable opportunity to earn its
14 allowed rate of return during the time that the rates are in effect.

15

16 **VII. CLASS REVENUE REQUIREMENT**

17 **Q. What is the revenue requirement that was used to design the Company's**
18 **proposed base rates to recover?**

19 A. Base rates were designed to recover \$69,670,794, which is the sum of (a) the
20 Delivery revenue requirement as supported by the Functional Cost of Service Study
21 ("FCOS") and testified to by Mr. Heintz and (b) the step adjustment of \$2,649,554
22 as supported in the testimony and attachments of Mr. Mullen and Mr. Gorman. As

1 Mr. Heintz explains in his testimony, the FCOS separates EnergyNorth's revenue
2 requirement into four functions: delivery, direct gas cost, propane and LNG costs,
3 and miscellaneous indirect costs. The proposed base distribution rates were
4 designed to recover the delivery service revenue requirement, as determined by Mr.
5 Heintz, plus the step adjustment.

6
7 **Q. How did you assign the total Base Revenue Requirement to each of the**
8 **Company's rate classes?**

9 A. Class revenue targets were based on the results of the marginal cost of service study
10 ("MCS") making adjustments using the Equi-Proportional Method ("EPM") to
11 recover the allowed revenue requirements. As shown in Attachment JDS/MCS-10,
12 the total delivery service marginal cost is \$65,050,323. Because the total delivery
13 service marginal cost does not equal the delivery functional costs, the delivery
14 service marginal cost for each rate class was adjusted on a pro-rata basis using the
15 EPM. Because the EPM method adjusts all marginal costs by a uniform
16 percentage, the marginal cost based price signals are preserved. In this context, the
17 marginal cost price signals that include both the overall level of the revenue target
18 for each rate class, and the specific customer charges and variable ("per therm")
19 rates charged to the customers in each rate class. As explained in the following
20 section, the equiproportionally-adjusted delivery service marginal costs, by rate
21 class, were further adjusted to reflect rate design considerations of continuity of
22 rates, and fairness between rate classes.

1 **Q. Have you prepared a schedule that shows how you determined the base**
2 **revenue target and the proposed rates for each class?**

3 A. Yes. Attachment RATES-5 shows how the class base revenue targets were
4 determined, and the process that was used to determine the final proposed base
5 rates. Attachment RATES-5 consists of the following sections that were included
6 to assist in the rate design process.

- 7 – Section A shows proforma test year normalized calendar month revenue
- 8 detail.
- 9 – Section B shows Billing Determinant detail.
- 10 – Section C shows the development of class revenue targets.
- 11 – Section D shows the development of the proposed rates.

12 Columns A through L show the data and analysis by rate class and total Company.
13 A detailed line-by-line explanation of the calculations is provided in Column M.

14
15 **Q. Please explain how you determined class revenue targets.**

16 A. The following process was used to determine class revenue targets:

- 17 a. “Current” total class revenues were calculated;
- 18 b. “Proposed” total class fully allocated cost revenues were calculated;
- 19 c. Class impacts were tested by comparing Current revenues to Proposed
- 20 revenues; and a rate continuity cap was established to limit the amount of
- 21 the increase assigned to any one class;

- 1 d. Revenue shortfalls that result from the class impact cap were assigned to all
2 other classes; and
- 3 e. The final base revenue targets, by class, including equiproportionately-
4 adjusted class marginal costs, class impact caps, and assignments of revenue
5 shortfalls were determined.

6

7 **Q. Please explain Steps (a) and (b) in the class base-revenue target process.**

8 A. Attachment RATES-5, Section C, shows total proforma revenues by rate class at
9 current rates. To properly calculate proposed discounted rates to the Rate R-4
10 Residential Heating Low Income rate class, we calculated the revenues that would
11 result if the current Residential Heating R-3 rates had been applied to the
12 Residential Low Income Heating proforma test year billing determinants by adding
13 the calendar month weather normalized discount at current rates as provided in on
14 Attachment RATES-3, page 4 to the Rate R-4 Residential Heating Low Income test
15 year calendar month weather normalized base revenues.

16

17 Lastly, Section 3 of Attachment RATES-5 also shows the calculation of total class
18 revenues by applying an Equiproportional Adjustment Factor (Attachment RATES-
19 5, Line 42) to the Total Class Delivery Service Marginal Costs (Attachment
20 RATES-5, Line 32).

21

1 **Q. Please explain Step (c) in the class base revenue target process, which you have**
2 **described as testing class impacts by comparing current revenues to proposed**
3 **revenues.**

4 A. First, we calculated the difference by class between the proforma base revenues and
5 the proposed revenues resulting from steps (a) and (b); this difference is the “Total
6 Potential increase in Base Revenues” that is shown on Line 66 of Attachment
7 RATES-5. We then calculated the percent change, by class, that the Total Potential
8 Increase represents, relative to the current total class revenues that were calculated
9 in Step (a). To maintain rate continuity, the percent increase in base revenues was
10 limited to 120 percent of the total Company increase, 26.20 percent, which is
11 shown in Column L, Line 65 Attachment RATES-5. We determined that 120
12 percent was a reasonable cap that would promote efficiency by ensuring that the
13 final rates to most classes would represent the cost to serve that class, and that the
14 limited level cost subsidization created by the cap would not unduly distort rate
15 efficiencies.

16

17 **Q. Please explain Step (d) in the class base revenue target process.**

18 A. The first revenue deficiency dollars were allocated to eliminate potential rate
19 decreases to any classes with a potential decrease. Once we (a) eliminated rate
20 class revenue decreases and (b) increased class revenue requirements to the levels
21 of the equiproportionately-adjusted marginal costs, subject to the constraint that no
22 class could receive an increase that exceeded 120% of the overall Company

1 increase, the sum of the class revenue targets was less than the delivery service
2 revenue requirement by \$\$4,383,496 (Attachment RATES-5, Line 75). This
3 revenue shortfall was allocated to all classes that were below the cap by
4 apportioning the shortfall to each of these classes in proportion to their relative
5 contribution to total company test year revenues.

6
7 **Q. Please explain Step (e) in the class base revenue target process.**

8 A. As the final step, the final base revenue targets for each class were determined by
9 summing the class revenue requirements plus adjustments calculated in steps (a)
10 through (d).

11
12 **VIII. RATE DESIGN**

13 **Q. Please explain how you designed the Company's proposed base rates.**

14 A. The following process was used to design the Company's proposed base rates:

15 a. The appropriate level of customer charges was determined by

16 - Calculating Customer Charge revenues

17 - Subtracting Customer Charge revenues from total class revenue target to
18 determine the Quantity-based revenue requirements

19 b. We determined (a) Winter and Summer variable (per therm) rates and (b)
20 Head Block and Tail Block rates based on rate continuity and marginal cost
21 considerations.

1 c. Final rates were calculated

2 d. The revenue shortfall that is associated with the Low Income discount was
3 calculated.

4

5 **Q. Please explain Step (a) in the rate design process, determining the appropriate**
6 **level of customer charges.**

7 A. To determine the appropriate level of customer charges for each class, we
8 considered: (1) the marginal customer costs resulting from the marginal cost study;
9 (2) rate continuity; and (3) customer impacts. Based on these considerations we:

- 10 - Increased the customer charges for G-41, G-42, G-51, G-52 and G-54 by
11 10%;
- 12 - Set the customer charge for G-53 equal to the proposed G-43 customer
13 charge level; and,
- 14 - Increased the residential R-1, R-3 and R-4 customer charges by the
15 overall proposed percent increase in R-1 and R-3 revenues.

16 Residential customer charges were increased by the overall percent increase in rate
17 class revenues to bring the residential customer charges more in line with the unit
18 marginal costs to the residential classes. Attachment RATES-5 Line 97
19 demonstrates that the proposed residential customer charges are still significantly
20 less than the unit marginal customer costs. Although Attachment RATES-5 Line
21 97 also indicates that the proposed C&I rate class customer charges exceed the
22 marginal unit customer costs, the customer charges of the C&I rate classes were

1 increased by 10 percent, based on rate continuity considerations. Specifically, if we
2 had not increased the C&I rate class customer charges, large gas users in in each of
3 these classes would experience disproportionately large increases, relative to
4 smaller gas users in each of these rate classes.

5
6 We then calculated class customer charge revenues by multiplying the proposed
7 customer charges times the test year class customer counts. To determine the
8 therm-based revenue target (the remaining class revenue target to be recovered
9 from delivery variable rates), the class customer charge revenues were subtracted
10 from the class revenue target. (Attachment RATES-5, (Line 90 – Line 101).

11
12 **Q. Please explain Step (b) in the rate design process, which you described as**
13 **setting the Summer and Winter rates and Head Block and Tail Block rates.**

14 A. Some of the Company's rate classes have volumetric rates that differ by season
15 and/or by rate block. On a case-by-case basis, we set the rates by season, as
16 appropriate, and/or the rates by block based primarily on rate continuity and rate
17 impact considerations, so that bill impacts at low and high levels of annual use were
18 relatively consistent.

19
20 **Q. Please explain Step (c) in the rate design process, which you described as**
21 **calculating final rates.**

22 A. Step (c) is simply the consolidation of the rate design calculations that were made

1 in Attachment RATES-5, Lines 91 through 117; the final rates are shown in
2 Attachment RATES-5, Lines 118 through 125.

3

4 **Q. Please explain Step (d) in the rate design process, which you described as**
5 **calculating the revenue shortfall resulting from the low-income discount.**

6 A. The rate design calculations described to this point are predicated on R-4 Low
7 Income Residential Heat being charged the R-3 rates without discount. To properly
8 demonstrate the proposed rates that will be charged to each rate class, we (a)
9 calculated the revenue shortfall that the discounted low-income rates would
10 produce² and (b) calculated the RLIAP component of the LDAC³ that would be
11 charged to all rate classes, based on test year proforma terms. These calculations
12 are shown in Attachment RATES-5, Lines 126 to 141.

13

14 **IX. REVENUE PROOF FOR PROPOSED RATES**

15 **Q. Has the Company prepared a proof of the revenues that the proposed rates**
16 **produce?**

17 A. Yes, we have calculated the revenues that the proposed rates would produce, on
18 Test Year proforma Billing Determinants. The calculations, which are presented in
19 Attachment RATES-5, Lines 142 to 153, show that the proposed base rates,

² The R-4 revenue shortfall was calculated by multiplying the R-4 billing determinants times the R-3 proposed base rates then multiplying this amount by 60%.

³ The RLIAP component of the LDAC, \$0.0098 per therm, was calculated by dividing the total R-4 revenue shortfall, \$1,524,015, by test year total delivery quantity billing determinants.

1 including Low Income RLIAP revenues produce the base revenue requirement of
2 \$69,670,794. This revenue proof includes the RLIAP Revenues (Attachment
3 RATES-5, Line 140) to recover the revenue shortfall associated with the
4 Discounted R-4 rates.

5
6 **X. INDIRECT GAS COSTS**

7 **Q. Has the Company prepared a proof of the revenues that the proposed Indirect**
8 **Gas Cost rates produce?**

9 A. Yes, we have. As set forth in the Company's Cost of Gas Clause ("COG Clause"),
10 the indirect gas costs, which are determined in Mr. Heintz' FCOS will be recovered
11 from the Company's firm sales customers in the Company's COG rates. As
12 specified in the COG Clause, LNG and LP-related costs are recovered in the Winter
13 COG rate; gas cost-related bad debt expense; gas cost-related working capital
14 expense and other A&G and miscellaneous expense are recovered at an annual rate
15 per therm. We have prepared Attachment RATES-6 to demonstrate the revenues
16 that are associated with these indirect gas costs.

17
18 **XI. BILL IMPACT ANALYSIS**

19 **Q. Have you prepared Bill Impact analyses?**

20 A. Yes, we have prepared Attachment RATES-7 to show monthly bill impact analyses
21 by class and by season for an appropriate range of monthly usage levels. These
22 analyses demonstrate the combined impact of the changed that are being proposed

1 in this proceeding to (a) base rates; (b) Cost of Gas rates; and (c) the RLIAP
2 component of the LDAC.

3
4 **Q. Please explain the bill impact calculations in more detail.**

5 A. For each rate class, we calculated monthly bills by season at “Current” rates and at
6 proposed rates. To calculate monthly bills at current rates, we used: (a) the
7 currently effective base rates, (b) the current LDAC, and (c) the current COG rate.
8 To calculate monthly bills at proposed rates, we used (a) the proposed base rates,
9 (b) the current LDAC, adjusted to reflect the effect of the R-4 discounted rates, and
10 (c) the current COG rate, adjusted to reflect the effect of the updated indirect gas
11 costs.

12
13 **XII. TARIFF CHANGES**

14 **Q. Are you proposing any changes to EnergyNorth’s tariff?**

15 A. Yes, we are. Tariff NHPUC No. 8 included in this filing contains several proposed
16 modifications. First, we propose closing the Outdoor Gas Lighting rate to new
17 customers. Currently, there is only one customer taking service under this rate.
18 That customer will be grandfathered and the rate will remain available to that one
19 customer, but will be closed to any new customers.

20
21 Second, we propose eliminating the Standby Service, 280 Day Sales Service, 280
22 Day Transportation Service, and Interruptible Transportation Service rate

1 schedules, since there are no customers taking service under any of these rates, nor
2 have there been for several years.

3

4 Third, we are eliminating the Environmental Surcharge – Relief Holder and Gas
5 Restructuring Expense Calculation provisions from the LDAC, since these charges
6 have been fully recovered and therefore are no longer necessary.

7

8 Finally, we are adding the Revenue Decoupling Adjustment Clause to the tariff as
9 part of the LDAC. This mechanism is described in separate testimony of James
10 Simpson included in this filing. The RDM revenue per customer targets that are
11 derived from the Company's proposed rates are presented in Attachment RATES-
12 10.

13

14 **Q. Does this conclude your testimony?**

15 **A.** Yes, it does.