

Northern Utilities, Inc.**Rate Case Expense and Reconciliation of Permanent Changes in Delivery Rates Final Reconciliation****Docket No. DG 13-086**

Rate Case Expense Charge Balance as of June 30, 2015	(\$3,673.85)	See Exhibit 2
Reconciliation of Permanent Changes in Delivery Rates Balance as of June 30, 2015	(\$253,439.35)	See Exhibit 3
Total (Over)-Collection	(\$257,113.20)	

Northern Utilities, Inc.
Reconciliation of Rate Case Expense Charge (RCE) Docket DG 13-086

A	B	C	D	E	F
Month	Throughput (therms)	Beginning Balance	Rate	Revenue	Ending Balance
May-14	2,505,993	\$ 303,444.30	\$0.0042	\$10,524.87	\$292,919.43
Jun-14	3,249,176	\$292,919.43	\$0.0042	\$13,633.42	\$279,286.01
Jul-14	2,431,861	\$279,286.01	\$0.0042	\$10,207.16	\$269,078.85
Aug-14	2,415,172	\$269,078.85	\$0.0042	\$10,142.23	\$258,936.62
Sep-14	2,515,212	\$258,936.62	\$0.0042	\$10,558.46	\$248,378.16
Oct-14	3,229,806	\$248,378.16	\$0.0042	\$13,558.10	\$234,820.06
Nov-14	5,285,980	\$234,820.06	\$0.0042	\$22,202.36	\$212,617.70
Dec-14	8,266,004	\$212,617.70	\$0.0042	\$34,719.29	\$177,898.41
Jan-15	11,009,539	\$177,898.41	\$0.0042	\$46,255.64	\$131,642.77
Feb-15	12,624,536	\$131,642.77	\$0.0042	\$53,025.74	\$78,617.03
Mar-15	10,920,726	\$78,617.03	\$0.0042	\$45,874.04	\$32,742.99
Apr-15	7,386,741	\$32,742.99	\$0.0042	\$31,024.07	\$1,718.92
May-15	1,274,388	\$1,718.92	\$0.0042	\$5,352.55	(\$3,633.63)
Jun-15	9,532	(\$3,633.63)	\$0.0042	\$40.22	(\$3,673.85)
Total Therms	73,124,666	Total RCE Revenue Collected		\$307,118.15	

Note- The Beginning Balance of \$303,444 reflects the RCE amount allowable from Order 25,653 in Docket DG 13-086; \$276,021 (through February 2014), of which was audited by the NHPUC Staff. It also includes post audit costs from NHPUC consultant Woolrich in the amount of \$18,840, final invoices from MAC in the amount of \$7,962.50, an invoice from Curran Logistics for \$34.96 and one for Patnaude for \$585.60 (from March 2014 through May 2014).

**Reconciliation of Permanent Changes in Delivery Rates (RPC) Charge
Docket No. 13-086**

Month	Throughput (therms)	Rate	Revenue
May-14	2,505,993	\$0.0161	\$40,348.60
Jun-14	3,249,176	\$0.0161	\$52,277.69
Jul-14	2,431,861	\$0.0161	\$39,154.63
Aug-14	2,415,172	\$0.0161	\$38,902.73
Sep-14	2,515,212	\$0.0161	\$40,507.99
Oct-14	3,229,806	\$0.0161	\$52,005.66
Nov-14	5,285,980	\$0.0161	\$85,106.75
Dec-14	8,266,004	\$0.0161	\$133,087.02
Jan-15	11,009,539	\$0.0161	\$177,311.41
Feb-15	12,624,536	\$0.0161	\$203,260.71
Mar-15	10,920,726	\$0.0161	\$175,846.74
Apr-15	7,386,741	\$0.0161	\$118,930.20
May-15	1,274,388	\$0.0161	\$20,523.23
Jun-15	9,532	\$0.0161	\$153.99
Total therms	73,124,666	RPC Revenue Collected	\$1,177,417.35
RPC amount allowable from Order 25,653 in Docket DG 13-086			\$923,978.00
Total RPC (Over)-Collection			(\$253,439.35)

(1)

(1) Calculation of recoupment includes actual data from July 2013 through May 2014.

STATE OF NEW HAMPSHIRE

21 S. Fruit St, Ste 10
Concord, NH 03301-2429
Tel. 603-271-2431

Invoice No. 11622

Date: May 6, 2014

GARY EPLER

UNITIL ENERGY SYSTEMS

6 LIBERTY LANE W

HAMPTON, NH 03842

Return Payment To:
PUBLIC UTILITIES COMMISSION
ATTN: BUSINESS OFFICE

We are enclosing an invoice for your company's share of the expenses incurred by J. Randall Woolridge, Ph.D., contracted by the Commission. This is for work performed from August 1, 2013 to December 1, 2013, re: Northern Utilities, Inc., Cost of Capital Testimony (DG 13-086).

Total Due \$18,840.00

(010-081-08040000-406995 – CE#1031995 – WOOLRIDGE)

PLEASE ENCLOSE DUPLICATE WITH PAYMENT WITHIN 15 DAYS

30 40 00 182 03 28 . 5.27.14 (9) 125822

COPY



RECEIVED

MAY 05 2014

NH PUBLIC
UTILITIES COMMISSION

INVOICE

FROM: J. Randall Woolridge, Ph.D.
120 Haymaker Circle
State College, PA 16801

TO: New Hampshire Public Utility Commission
21 S. Fruit Street, Suite 10
Concord, NH 03301

RE: Northern Utilities Company
Cost of Capital Testimony
DG 13-086

DATE: 4/29/2014
First Billing

I. PROFESSIONAL SERVICES AND OVERHEAD			
A. J. RANDALL WOOLRIDGE			
DATE	LOCATION	DESCRIPTION	HOURS
8 / 1 / 2013	State College	Review Overall Case and Documents	
		Review Testimonies	
		Review Documents	
		Prepare -Send Interrogatories	
Various		Review Email and Related Documents	
Various		Research Rate of Return Issues	
Various		Review Case with Counsel and Consultants	
HOURS			15.0
9 / 1 / 2013	State College	Review Documents	
		Collect Cost of Capital Data	
		Review Interrogatory Responses - Hadaway	
		Review Interrogatory Responses - Chong	
		Review Documents	
		Review Previous Orders	
Various		Review Email and Related Documents	
Various		Research Rate of Return Issues	
Various		Review Case with Counsel and Consultants	
HOURS			5.0
10 / 1 / 2013	State College	Review Documents	
		Collect Cost of Capital Data	
Various		Review Email and Related Documents	
Various		Research Rate of Return Issues	
Various		Review Case with Counsel and Consultants	
HOURS			2.5
11 / 1 / 2013	State College	Review Documents	
		Collect Cost of Capital Data	
		Prepare Exhibits	
		Prepare Appendices	
		Conference Call	
		Develop Proxy Group	
		Prepare Capital Structure Study	
		Review Data Responses	
		Update Capital Market Data - Exhibits	
Various		Review Email and Related Documents	
Various		Research Rate of Return Issues	
Various		Review Case with Counsel and Consultants	
HOURS			26.0
12 / 1 / 2013	State College	Review Data Responses	
		Prepare DCF Study	
		Prepare CAPM Study	
		Collect Value Line Data	
		College Analysts' EPS Growth Rate Data	
		Prepare Appendices	
		Prepare Rebuttal Testimony	
		Conference Call	
		Revise Testimony/Exhibits/Appendices	
		Send Testimony/Exhibits/Appendices	
		Prepare Work Papers	
Various		Review Email and Related Documents	
Various		Research Rate of Return Issues	
Various		Review Case with Counsel and Consultants	
HOURS			30.0
HOURS			5.0
TOTAL HOURS			78.5
PROFESSIONAL SERVICES @ \$240/HOUR			\$18,840.00
II. EXPENSES			
TOTAL EXPENSES			\$ -
III. TOTAL BILLING			
TOTAL PROFESSIONAL SERVICES PLUS EXPENSES			\$18,840.00
TOTAL BILLING			\$18,840.00

30 40 00 182 03 28 5.15 14 (w)

125-489

Page 1 of 1



Requisition ID: 125822
CHK

Ship To:

Northern Utilities NH
325 West Road
Portsmouth, NH 03801
Attn: Steven Hamblen
Phone: (603) 294-5154 Fax: (603) 431-6476

Bill To:

Northern Utilities NH/ME
6 Liberty Lane West
Hampton, NH 03842-1720
Unitil Service Corp.
Attn: Accounts Payable
Phone: (603) 772-0775 Fax: (603) 773-6605

Ordered From:

STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION
21 S FRUIT STREET
SUITE 10
CONCORD, NH 03301 2429
Phone: Fax:

Order Date:

5/27/2014

Requisitioner:

Catherine MacArthur

FOB & Freight Terms

Due Date: 5/28/2014

Line Qty Description		Tax	Acct Num	Allocation -----	Auth-CWO	Unit Price	Unit	Sub
1	1	Inv 11622/DG 13-086/Woolridge	N	304000001820328	\$18,840.00		EA	\$18,840.00
Order Total:								\$18,840.00

Invoice Number: 11622

Admin:

Danielle Falagan

Releasing Group: N/A

Receiving Group:

N/A

Approvals:

1 - Gary Epler

Waiting...

AP Notes:

NU NH rate case consultant expense

Date Printed: 5/27/2014

Printed By: Catherine MacArthur

5/27/2014

CHAIRMAN
Amy L. Ignatius

COMMISSIONERS
Robert R. Scott
Martin P. Honigberg

EXECUTIVE DIRECTOR
Debra A. Howland

THE STATE OF NEW HAMPSHIRE



PUBLIC UTILITIES COMMISSION
21 S. Fruit Street, Suite 10
Concord, N.H. 03301-2429

TDD Access: Relay NH
1-800-735-2964

Tel. (603) 271-2431

FAX (603) 271-3878

Website:
www.puc.nh.gov

May 6, 2014

Gary Epler
Unitil Energy Systems Inc.
6 Liberty Lane W
Hampton NH 03842-1720

Dear Mr. ^{Gary}Epler:

We are enclosing an invoice for your company's share of the expenses incurred by J. Randall Woolridge, Ph.D., contracted by the Commission. This is for work performed from August 1, 2013 to December 1, 2013, re: Northern Utilities, Inc., Cost of Capital Testimony (DG 13-086).

It would be much appreciated if payment could be returned to the Commission within 15 days. If you have any questions please do not hesitate to contact me.

Very truly yours,

Debbie Gilman
Debbie Gilman
Business Office

Enclosure: Invoice #11622
Copy of Woolridge Invoice

Hi Gary,
Steve Frink said to
send you this invoice...
if you don't get it you
will know who does.
Hope all is well!
Debbie



Management Applications Consulting, Inc.

1103 Rocky Drive, Suite 201
Reading, PA 19609-1157

T.I.N. 23-2293083

Invoice

Date	Invoice #
2/6/2014	20140206

Bill To
Unitil Service Corp. 6 Liberty Lane West Hampton, NH 03842 Attn: Ms. Karen Asbury, Director Regulatory Services

Ship To

5 Weeks Ended 1/31/14

P/O #	Terms	Project	
	Net 10 Days	201306 Unitil, NU NH Rate Design	
Hours	Description	Rate	Amount
	SETTLEMENT EFFORTS: Paul M. Normand		4,500.00
		<i>Approved for Payment</i> <i>\$4,500.00</i> <i>JFC</i> <i>30-40-00-00-182-03-08</i> <i>3/25/14</i>	
Total			\$4,500.00

MANAGEMENT APPLICATIONS CONSULTING, INC.

Professional Services

January 2014

Paul Normand

Unitil Service Corp. / Northern Utilities

W. O. #201306

New Hampshire Division Rate Design

<u>Date</u>	<u>Time</u>	<u>Description</u>
		SETTLEMENT EFFORTS:
12/30/13		Rate design and end-of-year adjustments.
12/31/13		Rate design and end-of-year adjustments.
1/3/14		Rate design.
1/7/14		Rate design.
1/8/14		Rate design.
1/9/14		Rate design.
1/10/14		Rate design.
1/11/14		Rate design.
		TOTAL HOURS



Management Applications Consulting, Inc.

1103 Rocky Drive, Suite 201
Reading, PA 19609-1157

T.I.N. 23-2293083

Invoice

Date	Invoice #
2/6/2014	20140204

Bill To
Unitil Service Corp. 6 Liberty Lane West Hampton, NH 03842 Attn: Ms. Karen Asbury, Director Regulatory Services

Ship To

5 Weeks Ended 1/31/14

P/O #	Terms	Project	
	Net 10 Days	201304 Unitil, NU NH Acctg Study	
Hours	Description	Rate	Amount
	SETTLEMENT EFFORTS: Michael J. Morganti Secretarial Services		2,250.00 12.50
		<i>Approved for Payment</i> <i>\$ 2,262.50</i> <i>30-4000-00-182-03-28</i> <i>3/25/14</i>	
Total			\$2,262.50

MANAGEMENT APPLICATIONS CONSULTING, INC.

Professional Services

January 2014

Michael Morganti

Unitil Service Corp. / Northern Utilities
W. O. #201304 New Hampshire Division Accounting Cost Study

<u>Date</u>	<u>Time</u>	<u>Description</u>
		SETTLEMENT EFFORTS:
1/9/14		Inputting proposed revenues into COS and proposed rates of return into rate design worksheet. Reviewing the effects of the customer adjustment on rate design.
1/10/14		Reviewing impacts of year-end customer adjustments on rate design and claimed revenues in revenue requirement model. Sending email regarding impact to NU via Paul Normand.
1/13/14		Running cost of service without year-end customer adjustment. Computing revenue requirement file without year-end customer adjustment. Reconciling the year-end customer adjustment in revenue requirements to the difference in proposed rates and billing determinants.
1/14/14		Creating PDF files of Schedules for Settlement.
1/15/14		Creating PDF files of Schedules for Settlement.
		TOTAL HOURS



Management Applications Consulting, Inc.

1103 Rocky Drive, Suite 201
Reading, PA 19609-1157

T.I.N. 23-2293083

Invoice

Date	Invoice #
3/6/2014	20140304

Bill To
Unitil Service Corp. 6 Liberty Lane West Hampton, NH 03842 Attn: Ms. Karen Asbury, Director Regulatory Services

Ship To

4 Weeks Ended 2/28/14

P/O #	Terms	Project	
	Net 10 Days	201304 Unitil, NU NH Acctg Study	
Hours	Description	Rate	Amount
	COMPLIANCE THRU FEBRUARY 28: Michael J. Morganti Debbie L. Gajewski		225.00 450.00
		<i>Approved for Payments</i> <i>SFC</i> <i>30-48-00-0-182-03-28</i> <i>4/14/14</i>	
Total			\$675.00

MANAGEMENT APPLICATIONS CONSULTING, INC.

Professional Services

February 2014

Michael Morganti

**W. O. #201304 Unitil Service Corp. / Northern Utilities
New Hampshire Division Accounting Cost Study**

<u>Date</u>	<u>Time</u>	<u>Description</u>
2/20/14		COMPLIANCE THRU FEBRUARY 28: Write-up on use of ACOS and MCOS in filing for OCA response.
		TOTAL HOURS

MANAGEMENT APPLICATIONS CONSULTING, INC.

Professional Services

February 2014

Debbie Gajewski

Unitil Service Corp. / Northern Utilities

W. O. #201304 New Hampshire Division Accounting Cost Study

<u>Date</u>	<u>Time</u>	<u>Description</u>
		COMPLIANCE THRU FEBRUARY 28:
02-07-14		Protect and resend embedded and marginal cost of service models.
02-11-14		Protect and email embedded and marginal settlement cost of service models.
		TOTAL HOURS



Management Applications Consulting, Inc.

1103 Rocky Drive, Suite 201
Reading, PA 19609-1157

T.I.N. 23-2293083

Invoice

Date	Invoice #
2/6/2014	20140205

Bill To
Unitil Service Corp. 6 Liberty Lane West Hampton, NH 03842 Attn: Ms. Karen Asbury, Director Regulatory Services

Ship To

5 Weeks Ended 1/31/14

P/O #	Terms	Project	
	Net 10 Days	201305 Unitil, NU NH Marginal Study	
Hours	Description	Rate	Amount
	SETTLEMENT EFFORTS: [REDACTED]arcy E. Stefan	[REDACTED]	525.00
		Approved For Payment \$525.00 JFL 30-40-00-00-182-03-28 3/25/14	
Total			\$525.00

MANAGEMENT APPLICATIONS CONSULTING, INC.

Professional Services

January 2014

Marcy Stefan

Northern Utilities-New Hampshire

W. O. #201305

Marginal Cost Study 2012

<u>Date</u>	<u>Time</u>	<u>Description</u>
1/15/14		SETTLEMENT EFFORTS: PDF Marginal Cost Study for settlement update.
		TOTAL HOURS

Curran Logistics, LLC

P.O. Box 910
Greenland, NH 03840

Invoice

Date	Invoice #
5/16/2014	0002492

Bill To
Unitil 6 Liberty Way West Hampton, NH 03842 Attention: Cathy MacArthur

Terms	Due Date
Net 15	5/31/2014

Item	Description	Serviced	Shipper N#	No. of Pieces	Rate	Amount
Unitil	Pick up at 6 Liberty Lane, Hampton, NH and deliver to DPU, South Station, Boston, MA	5/15/2014	18881	2	104.30	104.30
Concord	Pick up at 6 Liberty Lane, Hampton, NH and deliver NH Public Utilities, Concord, NH	5/15/2014	18880	2	88.50	88.50
Fuel Surcharge	Fuel Surcharges @18.5%				35.67	35.67
ERP - Mi	- GAS 57 12 20 10 01 W 928 02 W - FUEL 57 12 20 20 01 W 928 02 W - NH - GAS 57 12 30 40 01 W 928 02 W - FUEL 57 12 10 20 01 W 928 02 W				5-22-14 @ 125.763	
					\$34,90	
Total						\$228.47
Payments/Credits						\$0.00
Balance Due						\$228.47

Phone #	E-mail	Web Site
603-433-9009	bcurran@curranlogistics.com	www.curranlogistics.com

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5/28



Ship To:

Unitil Service Corp.
6 Liberty Lane West
Hampton, NH 03842
Phone: (603) 772-0775 Fax: (603) 773-6605

Bill To:

Unitil Service Corp.
Attn: Purchasing
6 Liberty Lane West
Hampton, NH 03842
(603)773-6467 fax: (603)773-6667

Batch: 128812737UPS
Requisition: 125482
Invoice: 0002468
ACH

Ordered From:

CURRAN LOGISTICS LLC
PO BOX 910
GREENLAND, NH 03840

Order Date:

5/15/2014

Requisitioner:

Catherine MacArthur

Line Qty Description		Tax	Acct Num	Allocation	A-W-C	Dist. Amount	Unit	Sub
1	1 Invoice 0002468	N	304000001820328			\$34.96	EA	\$104.87
			102000002420106			\$34.96		
			102013369280300			\$34.95		
Invoice Total:						\$104.87		

Invoice Number: 0002468

Invoice Amount: \$104.87

Releasing Group: N/A

Receiving Group:

N/A

Approvals:

1 - Gary Epler

5/23/2014

AP Notes: Courier services: DG 14-063 UES Step Adj; DE 14-061 UES DS; DG 13-086 NU Rate Case Compliance Filing

Vouchered by:	
Return Check to:	Payee
Voucher Month:	May

INVOICE

Steven E. Patnaude, LCR

12 Keneval Avenue
Boscawen, New Hampshire 03303
Phone (603)796-2596 Email: spatnaude@tds.net

Bill to: Gary Epler, Esq.
Unitil Energy Systems
6 Liberty Lane West
Hampton, NH 03842-1720

INVOICE NO.: 2014-011

DATE: 03-28-14
TERMS: Net 30 days
DUE DATE: 04-28-14

SHIP DATE: with invoice SHIPPED VIA: Priority Mail

DOCKET NO.: DG 13-086 NORTHERN UTILITIES, INC.:
Notice of Intent to File Rate Schedules.
(Hearing on Settlement Agreement regarding permanent rates)

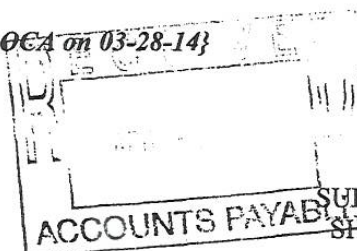
SERVICES PROVIDED:

Original & two copies of a 81-page transcript of the hearing held
on March 13, 2014, including attendance fee and condensed versions >

AMOUNT

\$ 580.00

{Original to PUC/Copy to OCA on 03-28-14}



SUBTOTAL = \$ 580.00
SHIPPING = \$ 5.60

TOTAL DUE = \$ 585.60

30 40 00 12 03 28 4.3.2014 @ 123 740

Please remove bottom portion and return with payment

(Make check payable to: Steven E. Patnaude, LCR)

Invoice No. 2014-011 Company billed: Northern Utilities Amount: \$ 585.60

Calculation of Recoupment

	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	
	Jul ⁽¹⁾	Aug	Sep	Oct	Summer	Nov	Winter	Dec	Jan	Feb	Mar	Apr	May ⁽²⁾	Total
1 Revenue Drivers:														
2 Customer Units														
3 R6	571	1,489	1,615	1,594	1,005		546	1,545	1,569	1,556	1,565	1,566	984	1,300
4 R11	6	10	11	7	4		3	7	5	5	6	6	3	6
5 R5	8,540	20,495	20,380	20,438	12,823		7,826	20,786	21,118	21,180	21,008	21,141	12,599	17,361
6 R10	533	1,089	1,056	1,001	562		423	1,110	1,185	1,171	1,351	1,292	740	959
7 G/T 40	1,968	4,669	4,655	4,686	2,892		1,875	4,855	4,920	4,921	4,971	4,967	2,915	4,025
8 G/T 50	362	877	882	896	530		329	849	860	856	855	863	519	723
9 G/T 41	247	544	564	565	336		230	570	572	576	576	576	332	474
10 G/T 51	105	258	255	254	158		103	259	260	263	260	261	155	216
11 G/T 42	22	25	23	24	5		19	24	24	24	24	24	5	20
12 G/T 52	32	34	29	30	2		26	30	28	30	29	29	2	25
13 Total	12,386	29,490	29,470	29,495	18,317		11,380	30,035	30,541	30,582	30,645	30,725	18,254	25,110
52														
53 Therms - Total Delivery - Block 1														
54 R6	3,829	9,920	10,672	10,423	7,023		3,954	10,624	10,884	10,664	10,563	10,391	6,753	105,699
55 R11	44	84	91	67	36		34	73	40	40	40	40	24	613
56 R5	122,379	294,833	306,007	402,355	483,947		313,295	953,832	991,403	989,694	971,626	922,185	463,160	7,214,716
57 R10	6,796	13,934	14,551	19,202	21,893		17,075	51,953	56,276	55,349	62,814	56,755	27,136	403,734
58 G/T 40	31,118	70,920	74,335	111,376	139,769		104,175	316,606	339,978	340,110	338,251	310,718	138,685	2,316,041
59 G/T 50	14,810	37,290	38,722	36,300	23,300		14,791	38,563	41,277	41,115	41,081	40,837	23,936	392,022
60 G/T 41	99,862	225,444	252,838	386,196	515,740		498,303	1,769,119	2,569,459	2,400,606	2,291,433	1,531,279	487,181	13,027,461
61 G/T 51	79,504	202,715	213,674	207,160	137,913		108,184	288,539	307,950	305,779	301,262	283,859	156,466	2,593,005
62 G/T 42	216,483	269,016	177,380	308,444	39,533		496,765	725,324	858,185	742,781	699,570	409,360	19,263	4,962,103
63 G/T 52	879,095	929,940	1,065,373	1,197,101	258,424		1,193,441	1,356,770	1,444,178	1,444,213	1,398,931	1,223,451	48,389	12,439,305
64 Total	1,453,920	2,054,096	2,153,643	2,678,624	1,627,576		2,750,017	5,511,403	6,619,630	6,330,351	6,115,571	4,788,875	1,370,992	43,454,699
65														
66 Therms - Total Delivery - Block 2														
67 R6	2,247	5,950	5,007	6,231	8,107		5,474	23,284	33,511	33,102	30,904	22,719	9,153	185,689
68 R11	12	47	34	51	112		56	257	28	26	22	15	15	675
69 R5	4,738	13,745	16,068	28,186	226,602		195,496	1,346,203	2,151,426	2,126,621	1,848,106	1,040,600	187,733	9,185,525
70 R10	97	347	389	799	7,866		7,999	54,460	92,229	89,809	90,502	48,713	10,071	403,281
71 G/T 40	24,874	75,123	50,914	82,749	220,696		226,470	1,123,991	1,745,456	1,750,288	1,557,914	872,681	203,563	7,934,719
72 G/T 50	32,470	91,803	93,131	81,275	62,584		41,206	129,373	175,681	176,892	164,524	133,821	67,774	1,250,533
73 G/T 41	-	-	-	-	-		-	-	-	-	-	-	-	-
74 G/T 51	30,555	109,064	137,725	134,855	99,251		84,740	206,090	303,755	309,541	283,149	194,411	77,617	1,970,753
75 G/T 42	-	-	-	-	-		-	-	-	-	-	-	-	-
76 G/T 52	-	-	-	-	-		-	-	-	-	-	-	-	-
77 Total	94,992	296,079	303,268	334,146	625,218		561,443	2,883,658	4,502,086	4,486,279	3,975,121	2,312,960	555,925	20,931,175
78														
79 Permanent Rates Excluding Step:														
80 Dist Cust Charge														
81 R6	19.00	19.00	19.00	19.00	19.00		19.00	19.00	19.00	19.00	19.00	19.00	19.00	
82 R11	13.81	13.81	13.81	13.81	13.81		13.81	13.81	13.81	13.81	13.81	13.81	13.81	
83 R5	19.00	19.00	19.00	19.00	19.00		19.00	19.00	19.00	19.00	19.00	19.00	19.00	
84 R10	7.60	7.60	7.60	7.60	7.60		7.60	7.60	7.60	7.60	7.60	7.60	7.60	
85 G/T 40	60.00	60.00	60.00	60.00	60.00		60.00	60.00	60.00	60.00	60.00	60.00	60.00	
86 G/T 50	60.00	60.00	60.00	60.00	60.00		60.00	60.00	60.00	60.00	60.00	60.00	60.00	
87 G/T 41	175.00	175.00	175.00	175.00	175.00		175.00	175.00	175.00	175.00	175.00	175.00	175.00	
88 G/T 51	175.00	175.00	175.00	175.00	175.00		175.00	175.00	175.00	175.00	175.00	175.00	175.00	
89 G/T 42	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00		1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	
90 G/T 52	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00		1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	
91														
92 Dist Rate - Block 1														
93 R6	0.3749	0.3749	0.3749	0.3749	0.3749		0.3749	0.3749	0.3749	0.3749	0.3749	0.3749	0.3749	
94 R11	0.2842	0.2842	0.2842	0.2842	0.2842		0.2842	0.2842	0.2842	0.2842	0.2842	0.2842	0.2842	
95 R5	0.4847	0.4847	0.4847	0.4847	0.4847		0.5550	0.5550	0.5550	0.5550	0.5550	0.5550	0.5550	
96 R10	0.1939	0.1939	0.1939	0.1939	0.1939		0.2220	0.2220	0.2220	0.2220	0.2220	0.2220	0.2220	
97 G/T 40	0.1437	0.1437	0.1437	0.1437	0.1437		0.1437	0.1437	0.1437	0.1437	0.1437	0.1437	0.1437	
98 G/T 50	0.1437	0.1437	0.1437	0.1437	0.1437		0.1437	0.1437	0.1437	0.1437	0.1437	0.1437	0.1437	
99 G/T 41	0.1443	0.1443	0.1443	0.1443	0.1443		0.1866	0.1866	0.1866	0.1866	0.1866	0.1866	0.1866	
100 G/T 51	0.1052	0.1052	0.1052	0.1052	0.1052		0.1352	0.1352	0.1352	0.1352	0.1352	0.1352	0.1352	
101 G/T 42	0.0948	0.0948	0.0948	0.0948	0.0948		0.1569	0.1569	0.1569	0.1569	0.1569	0.1569	0.1569	
102 G/T 52	0.0629	0.0629	0.0629	0.0629	0.0629		0.1370	0.1370	0.1370	0.1370	0.1370	0.1370	0.1370	
103														
104 Dist Rate - Block 2														
105 R6	0.3749	0.3749	0.3749	0.3749	0.3749		0.3749	0.3749	0.3749	0.3749	0.3749	0.3749	0.3749	
106 R11	0.2842	0.2842	0.2842	0.2842	0.2842		0.2842	0.2842	0.2842	0.2842	0.2842	0.2842	0.2842	
107 R5	0.4847	0.4847	0.4847	0.4847	0.4847		0.4540	0.4540	0.4540	0.4540	0.4540	0.4540	0.4540	
108 R10	0.1939	0.1939	0.1939	0.1939	0.1939		0.1816	0.1816	0.1816	0.1816	0.1816	0.1816	0.1816	
109 G/T 40	0.1437	0.1437	0.1437	0.1437	0.1437		0.1437	0.1437	0.1437	0.1437	0.1437	0.1437	0.1437	
110 G/T 50	0.1437	0.1437	0.1437	0.1437	0.1437		0.1437	0.1437	0.1437	0.1437	0.1437	0.1437	0.1437	
111 G/T 41	-	-	-	-	-		-	-	-	-	-	-	-	
112 G/T 51	0.0852	0.0852	0.0852	0.0852	0.0852		0.1102	0.1102	0.1102	0.1102	0.1102	0.1102	0.1102	
113 G/T 42	-	-	-	-	-		-	-	-	-	-	-	-	
114 G/T 52	-	-	-	-	-		-	-	-	-	-	-	-	

Calculation of Recoupment		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	
		Jul ⁽¹⁾	Aug	Sep	Oct	Summer	Nov	Winter	Dec	Jan	Feb	Mar	Apr	May ⁽²⁾	Total
115															
116	Revenue (Units x Permanent Rates):														
117	Dist Cust Chg Revenue														
118	R6	\$ 10,849	\$ 28,291	\$ 30,685	\$ 30,286	\$ 19,095	\$ 10,374	\$ 29,355	\$ 29,811	\$ 29,564	\$ 29,735	\$ 29,754	\$ 18,696	\$ 296,495	
119	R11	83	138	152	97	55	41	97	69	69	83	83	41	1,008	
120	R5	162,260	389,405	387,220	388,322	243,637	148,694	394,934	401,242	402,420	399,152	401,679	239,381	3,958,346	
121	R10	4,051	8,276	8,026	7,608	4,271	3,215	8,436	9,006	8,900	10,268	9,819	5,624	87,499	
122	G/T 40	118,080	280,140	279,300	281,160	173,520	112,500	291,300	295,200	295,260	298,260	298,020	174,900	2,897,640	
123	G/T 50	21,720	52,620	52,920	53,760	31,800	19,740	50,940	51,600	51,360	51,300	51,780	31,140	520,680	
124	G/T 41	43,225	95,200	98,700	98,875	58,800	40,250	99,750	100,100	100,800	100,800	100,800	58,100	995,400	
125	G/T 51	18,375	45,150	44,625	44,450	27,650	18,025	45,325	45,500	46,025	45,500	45,675	27,125	453,425	
126	G/T 42	22,000	25,000	23,000	24,000	5,000	19,000	24,000	24,000	24,000	24,000	24,000	5,000	243,000	
127	G/T 52	32,000	34,000	29,000	30,000	2,000	26,000	30,000	28,000	30,000	29,000	29,000	2,000	301,000	
128	Total	\$ 432,643	\$ 958,221	\$ 953,628	\$ 958,557	\$ 565,828	\$ 397,839	\$ 974,137	\$ 984,528	\$ 988,398	\$ 988,097	\$ 990,610	\$ 562,007	\$ 9,754,493	
129															
130	Dist Therms Revenue														
131	R6	\$ 2,278	\$ 5,950	\$ 5,878	\$ 6,244	\$ 5,672	\$ 3,535	\$ 12,712	\$ 16,644	\$ 16,408	\$ 15,546	\$ 12,413	\$ 5,963	\$ 109,241	
132	R11	16	37	36	34	42	25	94	19	19	18	16	11	366	
133	R5	61,614	149,568	156,110	208,683	344,403	262,634	1,140,553	1,526,976	1,514,766	1,378,293	984,245	342,285	8,070,129	
134	R10	1,337	2,769	2,897	3,878	5,770	5,243	21,424	29,242	28,597	30,380	21,446	7,853	160,835	
135	G/T 40	8,046	20,986	17,998	27,896	51,799	47,514	207,014	299,677	300,390	272,479	170,054	49,181	1,473,034	
136	G/T 50	6,794	18,551	18,947	16,896	12,341	8,047	24,132	31,177	31,328	29,545	25,098	13,179	526,035	
137	G/T 41	14,410	32,532	36,485	55,728	74,421	92,983	330,118	479,461	447,953	427,581	285,737	90,908	2,368,317	
138	G/T 51	10,967	30,618	34,213	33,283	22,965	23,965	61,722	75,109	75,453	71,934	59,802	29,708	529,736	
139	G/T 42	20,523	25,503	16,816	29,240	3,748	77,942	113,803	134,649	116,542	109,763	64,229	3,022	715,780	
140	G/T 52	55,295	58,493	67,012	75,298	16,255	163,501	185,877	197,852	197,857	191,654	167,613	6,629	1,383,337	
141	Total	\$ 181,279	\$ 345,006	\$ 356,391	\$ 457,179	\$ 537,416	\$ 685,390	\$ 2,097,449	\$ 2,790,806	\$ 2,729,313	\$ 2,527,191	\$ 1,790,652	\$ 548,739	\$ 15,046,811	
142															
143	Revenue - Total Distribution (Cust+Therm)														
144	R6	\$ 13,127	\$ 34,241	\$ 36,563	\$ 36,530	\$ 24,767	\$ 13,909	\$ 42,067	\$ 46,455	\$ 45,972	\$ 45,281	\$ 42,167	\$ 24,659	\$ 405,736	
145	R11	99	175	187	130	97	67	190	88	88	100	98	52	1,374	
146	R5	223,874	538,973	543,330	597,005	588,040	411,328	1,535,487	1,928,218	1,917,186	1,777,445	1,385,924	581,666	12,028,475	
147	R10	5,387	11,045	10,922	11,486	10,041	8,458	29,860	38,248	37,496	40,647	31,265	13,477	248,334	
148	G/T 40	126,126	301,126	297,298	309,056	225,319	160,014	498,314	594,877	595,650	570,739	468,074	224,081	4,370,674	
149	G/T 50	28,514	71,171	71,867	70,656	44,141	27,787	75,072	82,777	82,688	80,845	76,878	44,319	756,715	
150	G/T 41	57,635	127,732	135,185	154,603	133,221	133,233	429,868	579,561	548,753	528,381	386,537	149,008	3,363,717	
151	G/T 51	29,342	75,768	78,838	77,733	50,615	41,990	107,047	120,609	121,478	117,434	105,477	56,833	983,161	
152	G/T 42	42,523	50,503	39,816	53,240	8,748	96,942	137,803	158,649	140,542	133,763	88,229	8,022	958,780	
153	G/T 52	87,295	92,493	96,012	105,298	18,255	189,501	215,877	225,852	227,857	220,654	196,613	8,629	1,684,337	
154	Total Permanent Base Distribution Revenue	\$ 613,922	\$ 1,303,227	\$ 1,310,018	\$ 1,415,736	\$ 1,103,244	\$ 1,083,230	\$ 3,071,585	\$ 3,775,334	\$ 3,717,710	\$ 3,515,289	\$ 2,781,262	\$ 1,110,746	\$ 24,801,303	
155															
156	Actual Revenue														
157															
158	R6	\$ 10,093	\$ 26,345	\$ 28,068	\$ 28,083	\$ 19,433	\$ 11,003	\$ 33,796	\$ 38,041	\$ 37,635	\$ 36,903	\$ 33,810	\$ 19,428	\$ 322,637	
159	R11	72	138	142	104	79	60	169	70	69	78	76	40	1,098	
160	R5	178,658	430,467	435,307	488,595	519,362	341,901	1,318,382	1,683,330	1,672,821	1,543,345	1,178,099	476,541	10,266,810	
161	R10	4,440	9,108	9,067	9,884	9,574	7,617	28,108	36,839	36,083	38,845	29,030	11,967	230,562	
162	G/T 40	78,103	188,615	182,852	203,831	192,853	151,333	548,838	722,672	724,056	674,092	483,986	188,703	4,339,934	
163	G/T 50	24,576	63,547	64,454	60,946	40,479	25,859	72,959	86,381	86,540	83,224	75,272	41,706	725,944	
164	G/T 41	43,011	95,827	103,108	129,567	133,635	143,104	484,870	679,807	639,293	612,681	427,438	150,001	3,642,342	
165	G/T 51	28,178	75,312	81,097	79,436	53,135	50,343	129,127	152,204	153,095	146,764	126,021	64,895	1,139,606	
166	G/T 42	41,952	51,459	35,976	57,410	7,870	123,024	178,279	209,554	182,388	172,216	103,901	5,984	1,170,013	
167	G/T 52	108,134	114,366	127,897	142,846	27,128	235,128	267,197	283,332	283,967	275,044	241,686	9,727	2,116,451	
168	Total Actual Revenue	\$ 517,217	\$ 1,055,185	\$ 1,067,968	\$ 1,200,702	\$ 1,003,547	\$ 1,089,372	\$ 3,061,725	\$ 3,892,230	\$ 3,815,946	\$ 3,583,193	\$ 2,699,318	\$ 968,994	\$ 23,955,397	
169															
170	Recoupment (Permanent Revenue - Actual Revenue)														
171	R6	\$ 3,034	\$ 7,896	\$ 8,495	\$ 8,447	\$ 5,334	\$ 2,906	\$ 8,271	\$ 8,414	\$ 8,337	\$ 8,378	\$ 8,357	\$ 5,231	\$ 83,099	
172	R11	27	37	46	26	18	7	21	19	19	23	23	12	276	
173	R5	45,215	108,505	108,023	108,410	68,677	69,428	217,105	244,888	244,365	234,100	207,825	105,125	1,761,665	
174	R10	948	1,937	1,856	1,602	468	841	1,751	1,409	1,413	1,802	2,235	1,510	17,772	
175	G/T 40	48,023	112,511	114,447	105,225	32,466	8,680	(50,525)	(127,795)	(128,406)	(103,353)	(15,911)	35,378	30,740	
176	G/T 50	3,938	7,624	7,413	9,710	3,662	1,928	2,114	(3,604)	(3,853)	(2,379)	1,606	2,612	30,771	
177	G/T 41	14,624	31,904	32,076	25,036	(413)	(9,870)	(55,002)	(100,246)	(90,540)	(84,300)	(40,901)	(993)	(278,625)	
178	G/T 51	1,165	456	(2,260)	(1,703)	(2,520)	(8,353)	(22,081)	(31,595)	(31,617)	(29,331)	(20,544)	(8,063)	(156,445)	
179	G/T 42	571	(956)	3,839	(4,170)	878	(26,082)	(40,475)	(50,905)	(41,845)	(38,453)	(15,672)	2,038	(211,233)	
180	G/T 52	(20,839)	(21,873)	(31,885)	(37,548)	(8,873)	(45,626)	(51,320)	(57,479)	(56,109)	(54,391)	(45,073)	(1,098)	(432,114)	
181	Total Recoupment	\$ 96,705	\$ 248,041	\$ 242,050	\$ 215,035	\$ 99,697	\$ (6,143)	\$ 9,860	\$ (116,896)	\$ (98,235)	\$ (67,904)	\$ 81,944	\$ 141,752	\$ 845,907	

Calculation of Recoupment

		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	
		Jul ⁽¹⁾	Aug	Sep	Oct	Summer	Nov	Winter	Dec	Jan	Feb	Mar	Apr	May ⁽²⁾	Total
182															
183	Lost Income per Therm Factor (P.6, L.3)	0.00121	0.00163	0.00153	0.00123	0.00114		0.00086	0.00112	0.00104	0.00105	0.00123	0.00142	0.00241	
184	(Factor above X Therms)														
185	Lost Income Revenue														
186	R6	\$ 7	\$ 26	\$ 24	\$ 21	\$ 17	\$ 8	\$ 38	\$ 46	\$ 46	\$ 51	\$ 47	\$ 38	\$ 370	
187	R11	0	0	0	0	0	0	0	0	0	0	0	0	0	2
188	R5	154	504	492	530	810	439	2,578	3,264	3,267	3,480	2,782	1,566	19,869	
189	R10	8	23	23	25	34	22	119	154	152	189	150	90	989	
190	G/T 40	68	239	191	239	411	285	1,615	2,166	2,192	2,340	1,677	824	12,247	
191	G/T 50	57	211	202	145	98	48	188	225	229	254	248	221	2,125	
192	G/T 41	121	369	387	475	588	430	1,983	2,669	2,517	2,828	2,171	1,172	15,709	
193	G/T 51	134	510	537	421	270	166	555	635	645	721	678	563	5,836	
194	G/T 42	263	440	271	380	45	428	813	891	779	863	580	46	5,800	
195	G/T 52	1,067	1,520	1,629	1,474	295	1,029	1,521	1,500	1,514	1,726	1,734	116	15,126	
196	Total Lost Revenue	\$ 1,879	\$ 3,842	\$ 3,756	\$ 3,709	\$ 2,569	\$ 2,856	\$ 9,411	\$ 11,552	\$ 11,341	\$ 12,453	\$ 10,067	\$ 4,637	\$ 78,071	
197															
198	Total Recoupment (Permanent Revenue - Actual Revenue + Lost Income)														
199	1 R6	\$ 3,041	\$ 7,922	\$ 8,519	\$ 8,467	\$ 5,352	\$ 2,914	\$ 8,309	\$ 8,460	\$ 8,383	\$ 8,429	\$ 8,404	\$ 5,270	\$ 83,469	
200	2 R11	27	37	46	26	18	7	21	19	19	23	23	12	278	
201	3 R5	45,370	109,010	108,515	108,940	69,488	69,866	219,684	248,152	247,633	237,579	210,607	106,691	1,781,534	
202	4 R10	956	1,961	1,879	1,627	501	863	1,871	1,563	1,565	1,992	2,384	1,599	18,761	
203	5 G/T 40	48,091	112,750	114,638	105,464	32,877	8,965	(48,910)	(125,629)	(126,214)	(101,013)	(14,234)	36,202	42,987	
204	6 G/T 50	3,995	7,835	7,615	9,855	3,760	1,976	2,302	(3,379)	(3,624)	(2,125)	1,854	2,833	32,896	
205	7 G/T 41	14,745	32,273	32,463	25,512	175	(9,440)	(53,019)	(97,578)	(88,023)	(81,472)	(38,730)	179	(262,916)	
206	8 G/T 51	1,298	966	(1,722)	(1,282)	(2,250)	(8,186)	(21,526)	(30,960)	(30,972)	(28,610)	(19,866)	(7,499)	(150,610)	
207	9 G/T 42	834	(516)	4,110	(3,790)	923	(25,654)	(39,662)	(50,013)	(41,067)	(37,590)	(15,092)	2,064	(205,433)	
208	10 G/T 52	(19,773)	(20,353)	(30,256)	(36,075)	(8,578)	(44,597)	(49,799)	(55,979)	(54,595)	(52,664)	(43,339)	(982)	(416,988)	
209	Total Recoupment	\$ 98,584	\$ 251,884	\$ 245,806	\$ 218,743	\$ 102,266	\$ (3,287)	\$ 19,271	\$ (105,344)	\$ (86,895)	\$ (55,451)	\$ 92,011	\$ 146,389	\$ 923,978	

(1) July has been adjusted to reflect rates going into affect July 1, 2013 and affecting bills rendered after July 1

(2) Reflects amounts recorded in May related to April usage