



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

Docket No. DG 20-105

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

DIRECT TESTIMONY

OF

DAVID B. SIMEK

AND

CATHERINE A. MCNAMARA

July 31, 2020

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ATTACHMENTS

| Attachment | Title |
|-------------------|-----------------------------|
| DBS/CAM-1 | Lead-Lag Study Calculations |

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1 **I. INTRODUCTION AND QUALIFICATIONS**

2 **Q. Please state your full name and business address.**

3 A. (DS) My name is David B. Simek. My business address is 15 Buttrick Road,
4 Londonderry, New Hampshire.

5 (CM) My name is Catherine A. McNamara. My business address is 15 Buttrick Road,
6 Londonderry, New Hampshire.

7 **Q. Please state by whom you are employed.**

8 A. We are employed by Liberty Utilities Service Corp. (“Liberty”), which provides service
9 to Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
10 (“EnergyNorth” or “the Company”).

11 **Q. Please describe your educational and professional background.**

12 A. (DS) I graduated from Ferris State University in 1993 with a Bachelor of Science in
13 Finance. I received a Master of Science in Finance from Walsh College in 2000. I also
14 received a Master of Business Administration from Walsh College in 2001. In 2006, I
15 earned a Graduate Certificate in Power Systems Management from Worcester
16 Polytechnic Institute. In August 2013, I joined Liberty as a Utility Analyst and I was
17 promoted to Manager, Rates and Regulatory Affairs in August 2017. Prior to my
18 employment at Liberty, I was employed by NSTAR Electric & Gas Company
19 (“NSTAR”) as a Senior Analyst in Energy Supply from 2008 to 2012. Prior to my
20 position in Energy Supply at NSTAR, I was a Senior Financial Analyst with the NSTAR
21 Investment Planning group from 2004 to 2008.

1 (CM) I graduated from the University of Massachusetts, Boston, in 1993 with a Bachelor
2 of Science in Management with a concentration in Accounting. In November 2017, I
3 joined Liberty as an Analyst in Rates and Regulatory Affairs. Prior to my employment at
4 Liberty, I was employed by Eversource Energy as a Senior Analyst in the Investment
5 Planning group from 2015 to 2017. From 2008 to 2015, I was a Supervisor in the Plant
6 Accounting department. Prior to my position in Plant Accounting, I was a Financial
7 Analyst/General Ledger System Administrator within the Accounting group from 2000 to
8 2008.

9 **Q. Have you previously testified in regulatory proceedings before the New Hampshire**
10 **Public Utilities Commission?**

11 A. (DS) Yes, I have testified on numerous occasions before the New Hampshire Public
12 Utilities Commission (the “Commission”).

13 (CM) Yes, I have testified on multiple occasions before the Commission.

14 **II. PURPOSE AND OVERVIEW OF TESTIMONY**

15 **Q. What is the purpose of your testimony?**

16 A. The purpose of our testimony is to explain the Company’s lead-lag study, which is used
17 to determine the cash working capital (“CWC”) requirement in rate base. Our analysis is
18 supported by the data presented in Attachment DBS/CAM-1.

1 **Q. Please define the term “cash working capital” as a rate base component.**

2 A. The term “cash working capital” refers to the net funds required by the Company to pay
3 for goods and services between the time of the cash outlay by the Company for such
4 goods and services and the time revenues are received from customers. For the
5 Company, the cost of goods and services includes operations and maintenance (“O&M”)
6 expenses, including labor expenses and non-labor expenses, federal taxes, local taxes,
7 and payroll-related taxes.

8 **Q. How did you derive the cash working capital requirement?**

9 A. The CWC requirement was determined using the results of a lead-lag study, which
10 measures the funds needed due to the net timing difference between the revenue lag and
11 the expense lag. The revenue lag represents the number of days between when the
12 Company provides services and when its customers pay for those services. The longer
13 the revenue lag, the more cash the Company needs to fund its day-to-day operations. The
14 expense lag represents the number of days between the time the Company incurs
15 expenses for goods and services used to provide service, and the time it must make
16 payments for those goods and services. The longer the expense lag, the less cash the
17 Company needs to fund its day-to-day operations. Together, the revenue lag and expense
18 lag are used to measure the net lead/lag to determine the CWC requirement, which
19 becomes a component of the Company’s rate base when determining the Company’s
20 revenue requirement.

1 **Q. Are the results of your lead-lag study an accurate calculation of the Company's CWC**
2 **requirement?**

3 A. Yes. The study provides an accurate assessment of the Company's actual CWC needs
4 during the rate case test year.

5 **III. LEAD-LAG STUDY APPROACH**

6 **Q. Please summarize the results and the approach of the lead-lag study you conducted.**

7 A. The lead-lag study shows a net lag of 25.72 days for the rate case test year, which is
8 January 1, 2019, through December 31, 2019. The lead-lag study is used to calculate the
9 CWC requirement, which is then applied to the rate case test year amounts for O&M
10 expenses and taxes.

11 **Q. How did you develop the net lead/lag days in your study?**

12 A. The revenue lag is measured from the time service is provided to customers to the time
13 payment is received from customers. Expense lags are measured from the time a good or
14 service is provided to the Company to the time payment is made by the Company for that
15 good or service. These time periods are measured in days, converted to dollar-days, and
16 summarized for each element in the lead-lag study. The difference between the revenue
17 lag and the expense lag determines if there is a net revenue lag (revenue lag days are
18 greater than the expense lag days for a component) or a net expense lead (revenue lag
19 days are less than the expense lag days for a component).

1 **Q. Please describe the results of your lead-lag study.**

2 A. The results show the total number of revenue lag days and expense lag days for the
3 Company during the CWC test year. The net difference between the computed revenue
4 lag days and expense lag days was then multiplied by the average daily revenue
5 requirements of the system to produce the net cash working capital required by the
6 Company.

7 **IV. REVENUE LAG**

8 **Q. Please describe the components of the revenue lag.**

9 A. Revenue lag consists of three components: (1) the service lag; (2) the billing lag; and (3)
10 the collection lag. The total number of days produced by the three components
11 represents the amount of time between providing utility service to customers and the
12 receipt of the payments for such service. Together, these revenue lag components
13 comprise the total revenue lag days.

14 **Q. What is the service lag?**

15 A. The service lag represents the midpoint of the service period, *i.e.*, the time between the
16 start of the billing month and the end of the billing month. Our approach is to rely on the
17 midpoint of the service period, which assumes that service will be provided evenly over
18 the service period.

19 **Q. What is the billing lag?**

20 A. The billing lag is the time between the cycle bill read date and the date bills are sent to
21 customers. The billing lag begins the day the bill is read and ends with the recording and

1 mailing of the customer bill. This lag includes the process for review and validation of
2 usage and billing.

3 **Q. What is the collection lag?**

4 A. Collection lag reflects the time between recording and bill mailing for the services
5 rendered and the receipt of payment from customers for the revenues billed. The
6 collection lag was determined by the accounts receivable turnover ratio method. This is
7 calculated by taking the average accounts receivable balance divided by the average daily
8 revenues for the test year.

9 **Q. What is the total revenue lag component for the lead-lag calculation?**

10 A. Each of these revenue lag components was totaled to arrive at the total revenue lag of
11 52.66 days, as shown on Attachment DBS/CAM-1, Page 2.

12 **V. EXPENSE LAG**

13 **A. Operation and Maintenance Expenses**

14 **Q. How did you determine the expense lag days for O&M expenses?**

15 A. We separated total system expenses into three groups: (1) regular payroll costs; (2)
16 annual incentive payroll costs; and (3) third-party O&M expenses. We measured the
17 expense lag days for each of these groups independently. A summary of the O&M
18 expense lag is shown on Attachment DBS/CAM-1, Page 5.

1 **Q. How were the lag days for the payroll expenses determined?**

2 A. We based the expense lag days for payroll on the Company's wage payment process,
3 which pays employees on a bi-weekly or weekly basis. We calculated the expense lag
4 days for payroll costs by determining the average days of service being paid and adding
5 the midpoint of the service period to the number of days between the end of each service
6 period and the date of payment to employees. This calculation produced the number of
7 total days between the middle of the period for which employees' wages are recorded and
8 the date on which payments are disbursed. These calculations were based on actual
9 historical Company data for the CWC test year. Holidays are also based on actual
10 historical data for the CWC test year.

11 **Q. Did you make any adjustment to the payroll lag days in your lead-lag study?**

12 A. Yes. We made an adjustment for vacation pay because vacation pay is earned before it is
13 actually taken. The vacation pay adjustment is calculated based on the average payroll
14 lag days and the midpoint of the days in the year.

15 **Q. How were the lag days for the annual performance incentive determined?**

16 A. The Company's annual incentive pay is paid in the second quarter for the preceding
17 calendar year. The lag days were determined based on the midpoint of the performance
18 period and the date the incentives were paid.

19 **Q. How were the lag days determined for third-party O&M expenses?**

20 A. We based the measure of expense lag days for the expenses in this group on a sampling
21 of these expenses for the test year. We then identified the sample invoices that were

1 larger than \$50,000 and reviewed the invoice to see if a service period could be
2 identified. If the service period was identified, then the mid-point of the service period
3 and the payment date were used to calculate the expense lag for third-party O&M
4 expenses. If no service period was identified, we then used the invoice date and the
5 payment date to calculate the expense lag for third-party O&M expenses. The invoice
6 date was also used for all invoices that were not included in the sample. Since the sample
7 included only invoices larger than \$50,000, and since in many cases the service period
8 can be expected to precede the invoice date, the results of our third-party O&M expense
9 lag can be considered conservative.

10 **B. Income Tax Expense**

11 **Q. How are the lag days determined for income taxes?**

12 A. The lag days for federal and state income taxes are typically calculated using the calendar
13 year as the service period because the income would be earned throughout the year. The
14 midpoint of the service period would be June 30, 2019. Payment of estimated tax for the
15 year is made quarterly on April 15, June 15, September 15, and December 15. Since the
16 Company had a net operating loss during the test year there were no current taxes paid
17 and no corresponding lag was calculated.

18 **C. Taxes Other than Income Taxes**

19 **Q. What taxes are included in the taxes other than income taxes?**

20 A. This group of taxes consists of: (1) payroll-related taxes (FICA, federal unemployment,
21 and state unemployment); and (2) property taxes.

1 **Q. How were the lag days calculated for each of those taxes?**

2 A. The payment lags for FICA taxes were calculated from the pay period end date to the
3 respective payment dates of the taxes. Federal unemployment taxes are paid after the end
4 of each quarter based on that quarter's wages up to the annual limit. State unemployment
5 taxes were calculated from the pay period end date to the respective payment dates of the
6 taxes. The payment lag for property taxes was calculated from the midpoint of the period
7 for which the tax was assessed to the payment date.

8 **D. Non-Cash Items**

9 **Q. Please explain why you excluded non-cash items from your lead-lag study.**

10 A. This study uses the cash method and therefore excludes non-cash items. As such, non-
11 cash items, including depreciation, amortization, deferred income taxes, and return
12 (including return on equity, and interest on long-term debt), have not been included in our
13 lead-lag study.

14 **VI. CONCLUSION**

15 **Q. What were the results of the lead-lag study?**

16 A. As shown on Attachment DBS/CAM-1, Page 1, the CWC requirement for the Company
17 is \$3,246,606 based on a net lag of 25.72 days for the rate case test year January 1, 2019,
18 through December 31, 2019.

19 **Q. Are the results of this lead-lag study reasonable?**

20 A. Yes, the results of the lead-lag study reflect the Company's practices and are fair and
21 reasonable. In addition, the methods used in the study are consistent with studies

1 performed for other companies in New Hampshire and other jurisdictions. The resulting
2 CWC requirement should properly be included in the Company's rate base.

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

4 **A.** Yes, it does.

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Lead-Lag Study
Cash Working Capital Requirement

| Line | Description | Test Year | Average Daily Amount | Revenue Lag | Expense Lag | Net (Lead)/Lag Days | Working Capital Requirement |
|------|---|----------------------|----------------------|-------------|-------------|---------------------|-----------------------------|
| 1 | Labor & Operations and Maintenance Expenses | | | | | | |
| 2 | Labor (Payroll) | \$ 15,851,831 | \$ 43,430 | 52.66 | (42.27) | 10.39 | \$ 451,295 |
| 3 | Non-Labor O&M | 17,189,088 | 47,093 | 52.66 | (42.02) | 10.64 | 500,852 |
| 4 | <u>Total Labor & Non-Labor Expenses</u> | <u>\$ 33,040,920</u> | <u>\$ 90,523</u> | | | | <u>\$ 952,147</u> |
| 5 | Income Taxes | | | | | | |
| 6 | Federal Income Taxes | \$ - | \$ - | 52.66 | (36.00) | 16.66 | \$ - |
| 7 | State Income Taxes | 225,931 | 619 | 52.66 | (36.00) | 16.66 | 10,311 |
| 8 | <u>Total Federal Income Taxes</u> | <u>\$ 225,931</u> | <u>\$ 619</u> | | | | <u>\$ 10,311</u> |
| 9 | Taxes Other Than Income Taxes | | | | | | |
| 10 | Payroll Taxes | \$ 846,028 | \$ 2,318 | 52.66 | (17.73) | 34.93 | \$ 80,968 |
| 11 | Property Taxes | 11,959,474 | 32,766 | 52.66 | 14.58 | 67.24 | 2,203,180 |
| 12 | <u>Taxes Other Than Income Taxes</u> | <u>\$ 12,805,502</u> | <u>\$ 35,084</u> | | | | <u>\$ 2,284,148</u> |
| 13 | <u>Total</u> | <u>\$ 46,072,353</u> | <u>\$ 126,226</u> | | | <u>25.72</u> | <u>\$ 3,246,606</u> |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Lead-Lag Study
Revenue Lag

| Line | Description | Revenue Lag |
|------|--------------------------|--------------|
| 1 | Service Lag | 15.21 |
| 2 | Billing Lag | 2.94 |
| 3 | Collection Lag | 34.51 |
| 4 | <u>Total Revenue Lag</u> | <u>52.66</u> |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
 Lead-Lag Study
 Billing Lag

| Line | Cycle Bill Read Date | Bill Mail Date | Billing Lag |
|------|-------------------------|----------------|-------------|
| 1 | 1/1/2019 | 1/4/2019 | 3.00 |
| 2 | 1/3/2019 | 1/7/2019 | 4.00 |
| 3 | 1/4/2019 | 1/8/2019 | 4.00 |
| 4 | 1/7/2019 | 1/8/2019 | 1.00 |
| 5 | 1/8/2019 | 1/10/2019 | 2.00 |
| 6 | 1/9/2019 | 1/11/2019 | 2.00 |
| 7 | 1/10/2019 | 1/14/2019 | 4.00 |
| 8 | 1/11/2019 | 1/15/2019 | 4.00 |
| 9 | 1/14/2019 | 1/16/2019 | 2.00 |
| 10 | 1/15/2019 | 1/17/2019 | 2.00 |
| 11 | 1/16/2019 | 1/18/2019 | 2.00 |
| 12 | 1/17/2019 | 1/22/2019 | 5.00 |
| 13 | 1/18/2019 | 1/23/2019 | 5.00 |
| 14 | 1/21/2019 | 1/24/2019 | 3.00 |
| 15 | 1/23/2019 | 1/25/2019 | 2.00 |
| 16 | 1/25/2019 | 1/28/2019 | 3.00 |
| 17 | 1/25/2019 | 1/29/2019 | 4.00 |
| 18 | 1/28/2019 | 1/29/2019 | 1.00 |
| 19 | 1/29/2019 | 1/30/2019 | 1.00 |
| 20 | 1/29/2019 | 1/31/2019 | 2.00 |
| 21 | 1/31/2019 | 2/4/2019 | 4.00 |
| 22 | 2/1/2019 | 2/5/2019 | 4.00 |
| 23 | 2/5/2019 | 2/6/2019 | 1.00 |
| 24 | 2/5/2019 | 2/7/2019 | 2.00 |
| 25 | 2/6/2019 | 2/8/2019 | 2.00 |
| 26 | 2/7/2019 | 2/11/2019 | 4.00 |
| 27 | 2/8/2019 | 2/12/2019 | 4.00 |
| 28 | 2/11/2019 | 2/13/2019 | 2.00 |
| 29 | 2/11/2019 | 2/14/2019 | 3.00 |
| 30 | 2/13/2019 | 2/15/2019 | 2.00 |
| 31 | 2/14/2019 | 2/19/2019 | 5.00 |
| 32 | 2/15/2019 | 2/20/2019 | 5.00 |
| 33 | 2/18/2019 | 2/21/2019 | 3.00 |
| 34 | 2/20/2019 | 2/22/2019 | 2.00 |
| 35 | 2/21/2019 | 2/25/2019 | 4.00 |
| 36 | 2/22/2019 | 2/26/2019 | 4.00 |
| 37 | 2/25/2019 | 2/27/2019 | 2.00 |
| 38 | 2/25/2019 | 2/27/2019 | 2.00 |
| 39 | 2/27/2019 | 2/28/2019 | 1.00 |
| 40 | 2/27/2019 | 3/1/2019 | 2.00 |
| 41 | 3/1/2019 | 3/5/2019 | 4.00 |
| 42 | 3/4/2019 | 3/6/2019 | 2.00 |
| 43 | 3/5/2019 | 3/7/2019 | 2.00 |
| 44 | 3/6/2019 | 3/8/2019 | 2.00 |
| 45 | 3/7/2019 | 3/11/2019 | 4.00 |
| 46 | 3/8/2019 | 3/12/2019 | 4.00 |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
 Lead-Lag Study
 Billing Lag

| Line | Cycle Bill Read Date | Bill Mail Date | Billing Lag |
|------|-------------------------|----------------|-------------|
| 47 | 3/11/2019 | 3/13/2019 | 2.00 |
| 48 | 3/12/2019 | 3/14/2019 | 2.00 |
| 49 | 3/13/2019 | 3/15/2019 | 2.00 |
| 50 | 3/14/2019 | 3/18/2019 | 4.00 |
| 51 | 3/15/2019 | 3/20/2019 | 5.00 |
| 52 | 3/18/2019 | 3/20/2019 | 2.00 |
| 53 | 3/20/2019 | 3/22/2019 | 2.00 |
| 54 | 3/20/2019 | 3/25/2019 | 5.00 |
| 55 | 3/22/2019 | 3/26/2019 | 4.00 |
| 56 | 3/25/2019 | 3/27/2019 | 2.00 |
| 57 | 3/25/2019 | 3/28/2019 | 3.00 |
| 58 | 3/27/2019 | 3/28/2019 | 1.00 |
| 59 | 3/27/2019 | 3/29/2019 | 2.00 |
| 60 | 3/29/2019 | 4/1/2019 | 3.00 |
| 61 | 4/1/2019 | 4/3/2019 | 2.00 |
| 62 | 4/2/2019 | 4/4/2019 | 2.00 |
| 63 | 4/3/2019 | 4/5/2019 | 2.00 |
| 64 | 4/4/2019 | 4/8/2019 | 4.00 |
| 65 | 4/5/2019 | 4/9/2019 | 4.00 |
| 66 | 4/8/2019 | 4/10/2019 | 2.00 |
| 67 | 4/9/2019 | 4/11/2019 | 2.00 |
| 68 | 4/10/2019 | 4/12/2019 | 2.00 |
| 69 | 4/11/2019 | 4/15/2019 | 4.00 |
| 70 | 4/12/2019 | 4/16/2019 | 4.00 |
| 71 | 4/15/2019 | 4/19/2019 | 4.00 |
| 72 | 4/17/2019 | 4/19/2019 | 2.00 |
| 73 | 4/18/2019 | 4/22/2019 | 4.00 |
| 74 | 4/19/2019 | 4/23/2019 | 4.00 |
| 75 | 4/23/2019 | 4/25/2019 | 2.00 |
| 76 | 4/24/2019 | 4/26/2019 | 2.00 |
| 77 | 4/25/2019 | 4/29/2019 | 4.00 |
| 78 | 4/25/2019 | 4/29/2019 | 4.00 |
| 79 | 4/29/2019 | 4/30/2019 | 1.00 |
| 80 | 4/29/2019 | 4/30/2019 | 1.00 |
| 81 | 5/1/2019 | 5/3/2019 | 2.00 |
| 82 | 5/2/2019 | 5/6/2019 | 4.00 |
| 83 | 5/3/2019 | 5/7/2019 | 4.00 |
| 84 | 5/6/2019 | 5/8/2019 | 2.00 |
| 85 | 5/7/2019 | 5/9/2019 | 2.00 |
| 86 | 5/8/2019 | 5/10/2019 | 2.00 |
| 87 | 5/9/2019 | 5/13/2019 | 4.00 |
| 88 | 5/10/2019 | 5/14/2019 | 4.00 |
| 89 | 5/13/2019 | 5/15/2019 | 2.00 |
| 90 | 5/15/2019 | 5/17/2019 | 2.00 |
| 91 | 5/16/2019 | 5/20/2019 | 4.00 |
| 92 | 5/17/2019 | 5/21/2019 | 4.00 |
| 93 | 5/20/2019 | 5/23/2019 | 3.00 |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
 Lead-Lag Study
 Billing Lag

| Line | Cycle Bill Read Date | Bill Mail Date | Billing Lag |
|------|-------------------------|----------------|-------------|
| 94 | 5/22/2019 | 5/24/2019 | 2.00 |
| 95 | 5/23/2019 | 5/28/2019 | 5.00 |
| 96 | 5/24/2019 | 5/29/2019 | 5.00 |
| 97 | 5/27/2019 | 5/30/2019 | 3.00 |
| 98 | 5/29/2019 | 5/30/2019 | 1.00 |
| 99 | 5/30/2019 | 5/31/2019 | 1.00 |
| 100 | 5/30/2019 | 6/3/2019 | 4.00 |
| 101 | 5/31/2019 | 6/5/2019 | 5.00 |
| 102 | 6/4/2019 | 6/6/2019 | 2.00 |
| 103 | 6/5/2019 | 6/7/2019 | 2.00 |
| 104 | 6/6/2019 | 6/10/2019 | 4.00 |
| 105 | 6/7/2019 | 6/11/2019 | 4.00 |
| 106 | 6/10/2019 | 6/12/2019 | 2.00 |
| 107 | 6/11/2019 | 6/13/2019 | 2.00 |
| 108 | 6/12/2019 | 6/14/2019 | 2.00 |
| 109 | 6/13/2019 | 6/17/2019 | 4.00 |
| 110 | 6/13/2019 | 6/18/2019 | 5.00 |
| 111 | 6/17/2019 | 6/19/2019 | 2.00 |
| 112 | 6/18/2019 | 6/20/2019 | 2.00 |
| 113 | 6/19/2019 | 6/21/2019 | 2.00 |
| 114 | 6/20/2019 | 6/24/2019 | 4.00 |
| 115 | 6/21/2019 | 6/25/2019 | 4.00 |
| 116 | 6/24/2019 | 6/26/2019 | 2.00 |
| 117 | 6/25/2019 | 6/27/2019 | 2.00 |
| 118 | 6/26/2019 | 6/28/2019 | 2.00 |
| 119 | 6/27/2019 | 7/1/2019 | 4.00 |
| 120 | 6/28/2019 | 7/2/2019 | 4.00 |
| 121 | 7/1/2019 | 7/3/2019 | 2.00 |
| 122 | 7/2/2019 | 7/5/2019 | 3.00 |
| 123 | 7/3/2019 | 7/8/2019 | 5.00 |
| 124 | 7/4/2019 | 7/9/2019 | 5.00 |
| 125 | 7/8/2019 | 7/10/2019 | 2.00 |
| 126 | 7/10/2019 | 7/12/2019 | 2.00 |
| 127 | 7/11/2019 | 7/15/2019 | 4.00 |
| 128 | 7/12/2019 | 7/16/2019 | 4.00 |
| 129 | 7/15/2019 | 7/17/2019 | 2.00 |
| 130 | 7/16/2019 | 7/18/2019 | 2.00 |
| 131 | 7/17/2019 | 7/19/2019 | 2.00 |
| 132 | 7/18/2019 | 7/22/2019 | 4.00 |
| 133 | 7/19/2019 | 7/22/2019 | 3.00 |
| 134 | 7/22/2019 | 7/24/2019 | 2.00 |
| 135 | 7/24/2019 | 7/29/2019 | 5.00 |
| 136 | 7/25/2019 | 7/30/2019 | 5.00 |
| 137 | 7/26/2019 | 7/31/2019 | 5.00 |
| 138 | 7/30/2019 | 7/31/2019 | 1.00 |
| 139 | 7/30/2019 | 8/1/2019 | 2.00 |
| 140 | 8/1/2019 | 8/5/2019 | 4.00 |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
 Lead-Lag Study
 Billing Lag

| Line | Cycle Bill Read Date | Bill Mail Date | Billing Lag |
|------|-------------------------|----------------|-------------|
| 141 | 8/2/2019 | 8/6/2019 | 4.00 |
| 142 | 8/5/2019 | 8/7/2019 | 2.00 |
| 143 | 8/6/2019 | 8/8/2019 | 2.00 |
| 144 | 8/7/2019 | 8/9/2019 | 2.00 |
| 145 | 8/8/2019 | 8/12/2019 | 4.00 |
| 146 | 8/9/2019 | 8/13/2019 | 4.00 |
| 147 | 8/12/2019 | 8/14/2019 | 2.00 |
| 148 | 8/14/2019 | 8/16/2019 | 2.00 |
| 149 | 8/15/2019 | 8/19/2019 | 4.00 |
| 150 | 8/16/2019 | 8/20/2019 | 4.00 |
| 151 | 8/19/2019 | 8/21/2019 | 2.00 |
| 152 | 8/21/2019 | 8/23/2019 | 2.00 |
| 153 | 8/22/2019 | 8/26/2019 | 4.00 |
| 154 | 8/23/2019 | 8/27/2019 | 4.00 |
| 155 | 8/26/2019 | 8/28/2019 | 2.00 |
| 156 | 8/27/2019 | 8/29/2019 | 2.00 |
| 157 | 8/28/2019 | 8/29/2019 | 1.00 |
| 158 | 8/29/2019 | 8/30/2019 | 1.00 |
| 159 | 8/29/2019 | 8/30/2019 | 1.00 |
| 160 | 9/2/2019 | 9/5/2019 | 3.00 |
| 161 | 9/4/2019 | 9/6/2019 | 2.00 |
| 162 | 9/5/2019 | 9/9/2019 | 4.00 |
| 163 | 9/6/2019 | 9/10/2019 | 4.00 |
| 164 | 9/9/2019 | 9/11/2019 | 2.00 |
| 165 | 9/10/2019 | 9/12/2019 | 2.00 |
| 166 | 9/11/2019 | 9/13/2019 | 2.00 |
| 167 | 9/12/2019 | 9/16/2019 | 4.00 |
| 168 | 9/13/2019 | 9/17/2019 | 4.00 |
| 169 | 9/16/2019 | 9/18/2019 | 2.00 |
| 170 | 9/17/2019 | 9/19/2019 | 2.00 |
| 171 | 9/18/2019 | 9/20/2019 | 2.00 |
| 172 | 9/19/2019 | 9/23/2019 | 4.00 |
| 173 | 9/20/2019 | 9/24/2019 | 4.00 |
| 174 | 9/23/2019 | 9/25/2019 | 2.00 |
| 175 | 9/24/2019 | 9/26/2019 | 2.00 |
| 176 | 9/25/2019 | 9/27/2019 | 2.00 |
| 177 | 9/26/2019 | 9/27/2019 | 1.00 |
| 178 | 9/27/2019 | 9/30/2019 | 3.00 |
| 179 | 9/27/2019 | 10/1/2019 | 4.00 |
| 180 | 10/1/2019 | 10/3/2019 | 2.00 |
| 181 | 10/2/2019 | 10/4/2019 | 2.00 |
| 182 | 10/3/2019 | 10/7/2019 | 4.00 |
| 183 | 10/4/2019 | 10/8/2019 | 4.00 |
| 184 | 10/7/2019 | 10/9/2019 | 2.00 |
| 185 | 10/8/2019 | 10/10/2019 | 2.00 |
| 186 | 10/9/2019 | 10/11/2019 | 2.00 |
| 187 | 10/10/2019 | 10/14/2019 | 4.00 |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
 Lead-Lag Study
 Billing Lag

| Line | Cycle Bill Read Date | Bill Mail Date | Billing Lag |
|------|-------------------------|----------------|-------------|
| 188 | 10/11/2019 | 10/15/2019 | 4.00 |
| 189 | 10/14/2019 | 10/16/2019 | 2.00 |
| 190 | 10/16/2019 | 10/18/2019 | 2.00 |
| 191 | 10/17/2019 | 10/21/2019 | 4.00 |
| 192 | 10/18/2019 | 10/22/2019 | 4.00 |
| 193 | 10/21/2019 | 10/23/2019 | 2.00 |
| 194 | 10/22/2019 | 10/24/2019 | 2.00 |
| 195 | 10/23/2019 | 10/25/2019 | 2.00 |
| 196 | 10/24/2019 | 10/28/2019 | 4.00 |
| 197 | 10/25/2019 | 10/28/2019 | 3.00 |
| 198 | 10/28/2019 | 10/29/2019 | 1.00 |
| 199 | 10/28/2019 | 10/30/2019 | 2.00 |
| 200 | 10/30/2019 | 10/31/2019 | 1.00 |
| 201 | 11/1/2019 | 11/4/2019 | 3.00 |
| 202 | 11/1/2019 | 11/5/2019 | 4.00 |
| 203 | 11/4/2019 | 11/6/2019 | 2.00 |
| 204 | 11/5/2019 | 11/7/2019 | 2.00 |
| 205 | 11/6/2019 | 11/8/2019 | 2.00 |
| 206 | 11/7/2019 | 11/12/2019 | 5.00 |
| 207 | 11/8/2019 | 11/13/2019 | 5.00 |
| 208 | 11/11/2019 | 11/14/2019 | 3.00 |
| 209 | 11/13/2019 | 11/15/2019 | 2.00 |
| 210 | 11/14/2019 | 11/18/2019 | 4.00 |
| 211 | 11/15/2019 | 11/19/2019 | 4.00 |
| 212 | 11/18/2019 | 11/20/2019 | 2.00 |
| 213 | 11/19/2019 | 11/21/2019 | 2.00 |
| 214 | 11/20/2019 | 11/22/2019 | 2.00 |
| 215 | 11/21/2019 | 11/25/2019 | 4.00 |
| 216 | 11/22/2019 | 11/26/2019 | 4.00 |
| 217 | 11/22/2019 | 11/27/2019 | 5.00 |
| 218 | 11/25/2019 | 11/27/2019 | 2.00 |
| 219 | 11/26/2019 | 12/2/2019 | 6.00 |
| 220 | 11/28/2019 | 12/4/2019 | 6.00 |
| 221 | 12/3/2019 | 12/5/2019 | 2.00 |
| 222 | 12/4/2019 | 12/6/2019 | 2.00 |
| 223 | 12/5/2019 | 12/9/2019 | 4.00 |
| 224 | 12/6/2019 | 12/11/2019 | 5.00 |
| 225 | 12/9/2019 | 12/11/2019 | 2.00 |
| 226 | 12/10/2019 | 12/12/2019 | 2.00 |
| 227 | 12/12/2019 | 12/13/2019 | 1.00 |
| 228 | 12/12/2019 | 12/16/2019 | 4.00 |
| 229 | 12/13/2019 | 12/17/2019 | 4.00 |
| 230 | 12/16/2019 | 12/18/2019 | 2.00 |
| 231 | 12/17/2019 | 12/19/2019 | 2.00 |
| 232 | 12/18/2019 | 12/20/2019 | 2.00 |
| 233 | 12/19/2019 | 12/23/2019 | 4.00 |
| 234 | 12/20/2019 | 12/24/2019 | 4.00 |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Lead-Lag Study
Billing Lag

| <u>Line</u> | <u>Cycle Bill Read Date</u> | <u>Bill Mail Date</u> | <u>Billing Lag</u> |
|-------------|---------------------------------|-----------------------|--------------------|
| 235 | 12/23/2019 | 12/27/2019 | 4.00 |
| 236 | 12/24/2019 | 12/30/2019 | 6.00 |
| 237 | 12/25/2019 | 12/31/2019 | 6.00 |
| 238 | 12/27/2019 | 12/31/2019 | 4.00 |
| 239 | 12/30/2019 | 1/2/2020 | 3.00 |
| 240 | Average | | 2.94 |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Lead-Lag Study
Collection Lag

| Line | Month Start | Month End | Revenues | | A/R Balance | |
|------|-------------|------------|-------------------------|------------------------|-----------------|----------------|
| | | | Monthly Billed Revenues | Daily Average Revenues | Monthly Balance | Collection Lag |
| 1 | 1/1/2019 | 1/31/2019 | 27,438,794 | \$ 885,122 | \$ 24,912,937 | |
| 2 | 2/1/2019 | 2/28/2019 | 29,015,148 | 1,036,255 | 29,324,575 | |
| 3 | 3/1/2019 | 3/31/2019 | 24,964,414 | 805,304 | 27,787,409 | |
| 4 | 4/1/2019 | 4/30/2019 | 18,088,145 | 602,938 | 22,259,634 | |
| 5 | 5/1/2019 | 5/31/2019 | 11,418,170 | 368,328 | 16,547,575 | |
| 6 | 6/1/2019 | 6/30/2019 | 6,826,917 | 227,564 | 13,517,895 | |
| 7 | 7/1/2019 | 7/31/2019 | 5,058,654 | 163,182 | 10,422,778 | |
| 8 | 8/1/2019 | 8/31/2019 | 4,940,040 | 159,356 | 8,682,480 | |
| 9 | 9/1/2019 | 9/30/2019 | 4,869,566 | 162,319 | 7,316,228 | |
| 10 | 10/1/2019 | 10/31/2019 | 5,919,154 | 190,940 | 6,073,833 | |
| 11 | 11/1/2019 | 11/30/2019 | 9,785,353 | 326,178 | 9,117,742 | |
| 12 | 12/1/2019 | 12/31/2019 | 20,012,287 | 645,558 | 16,376,164 | |
| | | Average | | \$ 464,420 | \$ 16,028,271 | 34.51 |
| | | | | | | 34.51 |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
 Lead-Lag Study
 O&M Expenses

| Line | Description | Expense | (Lead)/Lag Days | Dollar Days |
|------|--------------------------------|---------------|--------------------|--------------------|
| 1 | Labor-Related - O&M Expenses | \$ 15,851,831 | (42.27) | \$ (670,002,915) |
| 2 | Non-Labor - Other O&M Expenses | 17,189,088 | (42.02) | \$ (722,331,762) |
| 3 | Total O&M Expenses | \$ 33,040,920 | (42.14) | \$ (1,392,334,677) |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
 Lead-Lag Study
 O&M Expenses - Payroll

| Line | Description | Expense | Percent | (Lead)/Lag Days | Dollar Days |
|------|----------------------------------|---------------|---------|--------------------|------------------|
| 1 | Regular Payroll - Weekly | \$ 9,031,761 | 66.3% | (8.50) | \$ (76,769,972) |
| 2 | Regular Payroll - Bi-Weekly | \$ 4,586,813 | 33.7% | (12.00) | \$ (55,041,760) |
| 3 | Regular Payroll - Total | \$ 13,618,575 | 100.00% | (9.68) | \$ (131,811,731) |
| 4 | Regular Payroll - Regular Pay | \$ 13,618,575 | 92.42% | (9.68) | \$ (131,811,731) |
| 5 | Regular Payroll - Vacation Pay | \$ 1,116,533 | 7.58% | (192.18) | \$ (214,573,929) |
| 6 | Regular Payroll - Total | \$ 14,735,107 | 100.00% | (23.51) | \$ (346,385,660) |
| 7 | Annual Performance Incentive Pay | \$ 1,116,724 | | (289.79) | \$ (323,617,254) |
| 8 | Payroll - Total | \$ 15,851,831 | | (42.27) | \$ (670,002,915) |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
 Lead-Lag Study
 O&M Expenses - Labor-Related - Regular Payroll - Weekly

| Line | Pay Period - Start | Pay Period - End | Pay Period - Midpoint | Pay Date | (Lead)/Lag Days |
|------|---------------------------|-----------------------------|------------------------------|---------------------------|--------------------|
| 1 | Sunday, December 30, 2018 | Saturday, January 5, 2019 | Wednesday, January 2, 2019 | Friday, January 11, 2019 | (8.50) |
| 2 | Sunday, January 6, 2019 | Saturday, January 12, 2019 | Wednesday, January 9, 2019 | Friday, January 18, 2019 | (8.50) |
| 3 | Sunday, January 13, 2019 | Saturday, January 19, 2019 | Wednesday, January 16, 2019 | Friday, January 25, 2019 | (8.50) |
| 4 | Sunday, January 20, 2019 | Saturday, January 26, 2019 | Wednesday, January 23, 2019 | Friday, February 1, 2019 | (8.50) |
| 5 | Sunday, January 27, 2019 | Saturday, February 2, 2019 | Wednesday, January 30, 2019 | Friday, February 8, 2019 | (8.50) |
| 6 | Sunday, February 3, 2019 | Saturday, February 9, 2019 | Wednesday, February 6, 2019 | Friday, February 15, 2019 | (8.50) |
| 7 | Sunday, February 10, 2019 | Saturday, February 16, 2019 | Wednesday, February 13, 2019 | Friday, February 22, 2019 | (8.50) |
| 8 | Sunday, February 17, 2019 | Saturday, February 23, 2019 | Wednesday, February 20, 2019 | Friday, March 1, 2019 | (8.50) |
| 9 | Sunday, February 24, 2019 | Saturday, March 2, 2019 | Wednesday, February 27, 2019 | Friday, March 8, 2019 | (8.50) |
| 10 | Sunday, March 3, 2019 | Saturday, March 9, 2019 | Wednesday, March 6, 2019 | Friday, March 15, 2019 | (8.50) |
| 11 | Sunday, March 10, 2019 | Saturday, March 16, 2019 | Wednesday, March 13, 2019 | Friday, March 22, 2019 | (8.50) |
| 12 | Sunday, March 17, 2019 | Saturday, March 23, 2019 | Wednesday, March 20, 2019 | Friday, March 29, 2019 | (8.50) |
| 13 | Sunday, March 24, 2019 | Saturday, March 30, 2019 | Wednesday, March 27, 2019 | Friday, April 5, 2019 | (8.50) |
| 14 | Sunday, March 31, 2019 | Saturday, April 6, 2019 | Wednesday, April 3, 2019 | Friday, April 12, 2019 | (8.50) |
| 15 | Sunday, April 7, 2019 | Saturday, April 13, 2019 | Wednesday, April 10, 2019 | Friday, April 19, 2019 | (8.50) |
| 16 | Sunday, April 14, 2019 | Saturday, April 20, 2019 | Wednesday, April 17, 2019 | Friday, April 26, 2019 | (8.50) |
| 17 | Sunday, April 21, 2019 | Saturday, April 27, 2019 | Wednesday, April 24, 2019 | Friday, May 3, 2019 | (8.50) |
| 18 | Sunday, April 28, 2019 | Saturday, May 4, 2019 | Wednesday, May 1, 2019 | Friday, May 10, 2019 | (8.50) |
| 19 | Sunday, May 5, 2019 | Saturday, May 11, 2019 | Wednesday, May 8, 2019 | Friday, May 17, 2019 | (8.50) |
| 20 | Sunday, May 12, 2019 | Saturday, May 18, 2019 | Wednesday, May 15, 2019 | Friday, May 24, 2019 | (8.50) |
| 21 | Sunday, May 19, 2019 | Saturday, May 25, 2019 | Wednesday, May 22, 2019 | Friday, May 31, 2019 | (8.50) |
| 22 | Sunday, May 26, 2019 | Saturday, June 1, 2019 | Wednesday, May 29, 2019 | Friday, June 7, 2019 | (8.50) |
| 23 | Sunday, June 2, 2019 | Saturday, June 8, 2019 | Wednesday, June 5, 2019 | Friday, June 14, 2019 | (8.50) |
| 24 | Sunday, June 9, 2019 | Saturday, June 15, 2019 | Wednesday, June 12, 2019 | Friday, June 21, 2019 | (8.50) |
| 25 | Sunday, June 16, 2019 | Saturday, June 22, 2019 | Wednesday, June 19, 2019 | Friday, June 28, 2019 | (8.50) |
| 26 | Sunday, June 23, 2019 | Saturday, June 29, 2019 | Wednesday, June 26, 2019 | Friday, July 5, 2019 | (8.50) |
| 27 | Sunday, June 30, 2019 | Saturday, July 6, 2019 | Wednesday, July 3, 2019 | Friday, July 12, 2019 | (8.50) |
| 28 | Sunday, July 7, 2019 | Saturday, July 13, 2019 | Wednesday, July 10, 2019 | Friday, July 19, 2019 | (8.50) |
| 29 | Sunday, July 14, 2019 | Saturday, July 20, 2019 | Wednesday, July 17, 2019 | Friday, July 26, 2019 | (8.50) |
| 30 | Sunday, July 21, 2019 | Saturday, July 27, 2019 | Wednesday, July 24, 2019 | Friday, August 2, 2019 | (8.50) |
| 31 | Sunday, July 28, 2019 | Saturday, August 3, 2019 | Wednesday, July 31, 2019 | Friday, August 9, 2019 | (8.50) |
| 32 | Sunday, August 4, 2019 | Saturday, August 10, 2019 | Wednesday, August 7, 2019 | Friday, August 16, 2019 | (8.50) |
| 33 | Sunday, August 11, 2019 | Saturday, August 17, 2019 | Wednesday, August 14, 2019 | Friday, August 23, 2019 | (8.50) |

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Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Lead-Lag Study
O&M Expenses - Labor-Related - Regular Payroll - Weekly

| Line | Pay Period - Start | Pay Period - End | Pay Period - Midpoint | Pay Date | (Lead)/Lag Days |
|------|----------------------------|------------------------------|-------------------------------|----------------------------|-----------------|
| 34 | Sunday, August 18, 2019 | Saturday, August 24, 2019 | Wednesday, August 21, 2019 | Friday, August 30, 2019 | (8.50) |
| 35 | Sunday, August 25, 2019 | Saturday, August 31, 2019 | Wednesday, August 28, 2019 | Friday, September 6, 2019 | (8.50) |
| 36 | Sunday, September 1, 2019 | Saturday, September 7, 2019 | Wednesday, September 4, 2019 | Friday, September 13, 2019 | (8.50) |
| 37 | Sunday, September 8, 2019 | Saturday, September 14, 2019 | Wednesday, September 11, 2019 | Friday, September 20, 2019 | (8.50) |
| 38 | Sunday, September 15, 2019 | Saturday, September 21, 2019 | Wednesday, September 18, 2019 | Friday, September 27, 2019 | (8.50) |
| 39 | Sunday, September 22, 2019 | Saturday, September 28, 2019 | Wednesday, September 25, 2019 | Friday, October 4, 2019 | (8.50) |
| 40 | Sunday, September 29, 2019 | Saturday, October 5, 2019 | Wednesday, October 2, 2019 | Friday, October 11, 2019 | (8.50) |
| 41 | Sunday, October 6, 2019 | Saturday, October 12, 2019 | Wednesday, October 9, 2019 | Friday, October 18, 2019 | (8.50) |
| 42 | Sunday, October 13, 2019 | Saturday, October 19, 2019 | Wednesday, October 16, 2019 | Friday, October 25, 2019 | (8.50) |
| 43 | Sunday, October 20, 2019 | Saturday, October 26, 2019 | Wednesday, October 23, 2019 | Friday, November 1, 2019 | (8.50) |
| 44 | Sunday, October 27, 2019 | Saturday, November 2, 2019 | Wednesday, October 30, 2019 | Friday, November 8, 2019 | (8.50) |
| 45 | Sunday, November 3, 2019 | Saturday, November 9, 2019 | Wednesday, November 6, 2019 | Friday, November 15, 2019 | (8.50) |
| 46 | Sunday, November 10, 2019 | Saturday, November 16, 2019 | Wednesday, November 13, 2019 | Friday, November 22, 2019 | (8.50) |
| 47 | Sunday, November 17, 2019 | Saturday, November 23, 2019 | Wednesday, November 20, 2019 | Friday, November 29, 2019 | (8.50) |
| 48 | Sunday, November 24, 2019 | Saturday, November 30, 2019 | Wednesday, November 27, 2019 | Friday, December 6, 2019 | (8.50) |
| 49 | Sunday, December 1, 2019 | Saturday, December 7, 2019 | Wednesday, December 4, 2019 | Friday, December 13, 2019 | (8.50) |
| 50 | Sunday, December 8, 2019 | Saturday, December 14, 2019 | Wednesday, December 11, 2019 | Friday, December 20, 2019 | (8.50) |
| 51 | Sunday, December 15, 2019 | Saturday, December 21, 2019 | Wednesday, December 18, 2019 | Friday, December 27, 2019 | (8.50) |
| 52 | Sunday, December 22, 2019 | Saturday, December 28, 2019 | Wednesday, December 25, 2019 | Friday, January 3, 2020 | (8.50) |
| 53 | | | | Average | (8.50) |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
 Lead-Lag Study
 O&M Expenses - Labor-Related - Regular Payroll - Bi-Weekly

| Line | Pay Period - Start | Pay Period - End | Pay Period - Midpoint | Pay Date | (Lead)/Lag Days |
|------|----------------------------|------------------------------|----------------------------|----------------------------|--------------------|
| 1 | Sunday, December 23, 2018 | Saturday, January 5, 2019 | Sunday, December 30, 2018 | Friday, January 11, 2019 | (12.00) |
| 2 | Sunday, January 6, 2019 | Saturday, January 19, 2019 | Sunday, January 13, 2019 | Friday, January 25, 2019 | (12.00) |
| 3 | Sunday, January 20, 2019 | Saturday, February 2, 2019 | Sunday, January 27, 2019 | Friday, February 8, 2019 | (12.00) |
| 4 | Sunday, February 3, 2019 | Saturday, February 16, 2019 | Sunday, February 10, 2019 | Friday, February 22, 2019 | (12.00) |
| 5 | Sunday, February 17, 2019 | Saturday, March 2, 2019 | Sunday, February 24, 2019 | Friday, March 8, 2019 | (12.00) |
| 6 | Sunday, March 3, 2019 | Saturday, March 16, 2019 | Sunday, March 10, 2019 | Friday, March 22, 2019 | (12.00) |
| 7 | Sunday, March 17, 2019 | Saturday, March 30, 2019 | Sunday, March 24, 2019 | Friday, April 5, 2019 | (12.00) |
| 8 | Sunday, March 31, 2019 | Saturday, April 13, 2019 | Sunday, April 7, 2019 | Friday, April 19, 2019 | (12.00) |
| 9 | Sunday, April 14, 2019 | Saturday, April 27, 2019 | Sunday, April 21, 2019 | Friday, May 3, 2019 | (12.00) |
| 10 | Sunday, April 28, 2019 | Saturday, May 11, 2019 | Sunday, May 5, 2019 | Friday, May 17, 2019 | (12.00) |
| 11 | Sunday, May 12, 2019 | Saturday, May 25, 2019 | Sunday, May 19, 2019 | Friday, May 31, 2019 | (12.00) |
| 12 | Sunday, May 26, 2019 | Saturday, June 8, 2019 | Sunday, June 2, 2019 | Friday, June 14, 2019 | (12.00) |
| 13 | Sunday, June 9, 2019 | Saturday, June 22, 2019 | Sunday, June 16, 2019 | Friday, June 28, 2019 | (12.00) |
| 14 | Sunday, June 23, 2019 | Saturday, July 6, 2019 | Sunday, June 30, 2019 | Friday, July 12, 2019 | (12.00) |
| 15 | Sunday, July 7, 2019 | Saturday, July 20, 2019 | Sunday, July 14, 2019 | Friday, July 26, 2019 | (12.00) |
| 16 | Sunday, July 21, 2019 | Saturday, August 3, 2019 | Sunday, July 28, 2019 | Friday, August 9, 2019 | (12.00) |
| 17 | Sunday, August 4, 2019 | Saturday, August 17, 2019 | Sunday, August 11, 2019 | Friday, August 23, 2019 | (12.00) |
| 18 | Sunday, August 18, 2019 | Saturday, August 31, 2019 | Sunday, August 25, 2019 | Friday, September 6, 2019 | (12.00) |
| 19 | Sunday, September 1, 2019 | Saturday, September 14, 2019 | Sunday, September 8, 2019 | Friday, September 20, 2019 | (12.00) |
| 20 | Sunday, September 15, 2019 | Saturday, September 28, 2019 | Sunday, September 22, 2019 | Friday, October 4, 2019 | (12.00) |
| 21 | Sunday, September 29, 2019 | Saturday, October 12, 2019 | Sunday, October 6, 2019 | Friday, October 18, 2019 | (12.00) |
| 22 | Sunday, October 13, 2019 | Saturday, October 26, 2019 | Sunday, October 20, 2019 | Friday, November 1, 2019 | (12.00) |
| 23 | Sunday, October 27, 2019 | Saturday, November 9, 2019 | Sunday, November 3, 2019 | Friday, November 15, 2019 | (12.00) |
| 24 | Sunday, November 10, 2019 | Saturday, November 23, 2019 | Sunday, November 17, 2019 | Friday, November 29, 2019 | (12.00) |
| 25 | Sunday, November 24, 2019 | Saturday, December 7, 2019 | Sunday, December 1, 2019 | Friday, December 13, 2019 | (12.00) |
| 26 | Sunday, December 8, 2019 | Saturday, December 21, 2019 | Sunday, December 15, 2019 | Friday, December 27, 2019 | (12.00) |
| | | | | Average | (12.00) |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
 Lead-Lag Study
 O&M Expenses - Labor-Related - Annual Performance Bonus

| Line | Accrual Date | Midpoint | Payout Date | (Lead)/Lag Days |
|------|--------------|------------|-------------|-----------------|
| 1 | 1/1/2019 | 1/16/2019 | 4/16/2020 | (456.00) |
| 2 | 2/1/2019 | 2/14/2019 | 4/16/2020 | (426.50) |
| 3 | 3/1/2019 | 3/16/2019 | 4/16/2020 | (397.00) |
| 4 | 4/1/2019 | 4/15/2019 | 4/16/2020 | (366.50) |
| 5 | 5/1/2019 | 5/16/2019 | 4/16/2020 | (336.00) |
| 6 | 6/1/2019 | 6/15/2019 | 4/16/2020 | (305.50) |
| 7 | 7/1/2019 | 7/16/2019 | 4/16/2020 | (275.00) |
| 8 | 8/1/2019 | 8/16/2019 | 4/16/2020 | (244.00) |
| 9 | 9/1/2019 | 9/15/2019 | 4/16/2020 | (213.50) |
| 10 | 10/1/2019 | 10/16/2019 | 4/16/2020 | (183.00) |
| 11 | 11/1/2019 | 11/15/2019 | 4/16/2020 | (152.50) |
| 12 | 12/1/2019 | 12/16/2019 | 4/16/2020 | (122.00) |
| 13 | 1/1/2020 | | | |
| | | | Average | (289.79) |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Lead-Lag Study
O&M Expenses - Non-Labor O&M Expenses

| Line | Service Period Begin | Service Period End | Midpoint of Service | Invoice Date | Payment Date | Payment Amount | Payment (Lead)/Lag Days | Dollar Days |
|------|----------------------|--------------------|---------------------|--------------|--------------|----------------|-------------------------|----------------|
| 1 | 10/15/2018 | 10/26/2018 | 10/21/2018 | 11/15/2018 | 1/3/2019 | 131,589.14 | (49.00) | (6,447,868) |
| 2 | 10/18/2018 | 10/18/2018 | 10/18/2018 | 10/31/2018 | 1/2/2019 | 51,590.00 | (63.00) | (3,250,170) |
| 3 | 10/18/2018 | 10/18/2018 | 10/18/2018 | 10/31/2018 | 1/2/2019 | 59,800.00 | (63.00) | (3,767,400) |
| 4 | 12/20/2018 | 2/19/2019 | 1/20/2019 | 2/1/2019 | 3/19/2019 | 77,016.27 | (46.00) | (3,542,748) |
| 5 | 1/1/2019 | 6/30/2019 | 4/1/2019 | 5/15/2019 | 6/27/2019 | 112,584.00 | (43.00) | (4,841,112) |
| 6 | 1/1/2019 | 12/31/2019 | 7/2/2019 | 7/31/2019 | 9/12/2019 | 184,317.64 | (43.00) | (7,925,659) |
| 7 | 5/7/2019 | 5/28/2019 | 5/18/2019 | 7/31/2019 | 9/12/2019 | 142,634.91 | (43.00) | (6,133,301) |
| 8 | 5/10/2019 | 5/10/2019 | 5/10/2019 | 5/29/2019 | 7/8/2019 | 73,804.38 | (40.00) | (2,952,175) |
| 9 | 5/29/2019 | 6/9/2019 | 6/4/2019 | 7/31/2019 | 9/12/2019 | 118,945.02 | (43.00) | (5,114,636) |
| 10 | 7/1/2019 | 12/31/2019 | 10/1/2019 | 10/25/2019 | 12/4/2019 | 51,160.00 | (40.00) | \$ (2,046,400) |
| 11 | 8/8/2019 | 9/17/2019 | 8/28/2019 | 9/23/2019 | 11/27/2019 | 89,248.09 | (65.00) | (5,801,126) |
| 12 | 8/9/2019 | 9/3/2019 | 8/22/2019 | 10/9/2019 | 11/21/2019 | 198,437.32 | (43.00) | (8,532,805) |
| 13 | 9/4/2019 | 9/20/2019 | 9/12/2019 | 10/9/2019 | 11/18/2019 | 66,242.22 | (40.00) | (2,649,689) |
| 14 | | | | 11/21/2018 | 1/2/2019 | 744.11 | (42.00) | (31,253) |
| 15 | | | | 11/29/2018 | 1/2/2019 | 1,565.11 | (34.00) | (53,214) |
| 16 | | | | 12/5/2018 | 1/11/2019 | 2,502.46 | (37.00) | (92,591) |
| 17 | | | | 12/30/2018 | 2/8/2019 | 9.76 | (40.00) | (390) |
| 18 | | | | 1/16/2019 | 2/8/2019 | 990.00 | (23.00) | (22,770) |
| 19 | | | | 2/5/2019 | 2/22/2019 | 2,160.00 | (17.00) | (36,720) |
| 20 | | | | 1/24/2019 | 2/26/2019 | 274.99 | (33.00) | (9,075) |
| 21 | | | | 2/11/2019 | 3/8/2019 | 4,676.00 | (25.00) | (116,900) |
| 22 | | | | 2/4/2019 | 3/19/2019 | 1,750.00 | (43.00) | (75,250) |
| 23 | | | | 2/21/2019 | 3/19/2019 | 88.35 | (26.00) | (2,297) |
| 24 | | | | 3/20/2019 | 3/22/2019 | 500.00 | (2.00) | (1,000) |
| 25 | | | | 2/28/2019 | 4/9/2019 | 408.42 | (40.00) | (16,337) |
| 26 | | | | 2/28/2019 | 4/9/2019 | 675.00 | (40.00) | (27,000) |
| 27 | | | | 3/15/2019 | 4/9/2019 | 589.30 | (25.00) | (14,733) |
| 28 | | | | 2/27/2019 | 4/9/2019 | 232.00 | (41.00) | (9,512) |
| 29 | | | | 2/27/2019 | 4/9/2019 | 464.00 | (41.00) | (19,024) |
| 30 | | | | 2/27/2019 | 4/9/2019 | 768.50 | (41.00) | (31,509) |
| 31 | | | | 2/28/2019 | 4/9/2019 | 25.00 | (40.00) | (1,000) |
| 32 | | | | 3/23/2019 | 4/9/2019 | 21.56 | (17.00) | (367) |
| 33 | | | | 3/1/2019 | 4/10/2019 | 564.20 | (40.00) | (22,568) |
| 34 | | | | 3/6/2019 | 5/3/2019 | 52.88 | (58.00) | (3,067) |
| 35 | | | | 3/30/2019 | 5/9/2019 | 9.62 | (40.00) | (385) |
| 36 | | | | 4/9/2019 | 5/9/2019 | 1,434.10 | (30.00) | (43,023) |
| 37 | | | | 4/20/2019 | 5/29/2019 | 660.00 | (39.00) | (25,740) |
| 38 | | | | 4/30/2019 | 6/6/2019 | 1,265.00 | (37.00) | (46,805) |
| 39 | | | | 4/30/2019 | 6/6/2019 | 200.00 | (37.00) | (7,400) |
| 40 | | | | 4/27/2019 | 6/6/2019 | 465.00 | (40.00) | (18,600) |
| 41 | | | | 5/4/2019 | 6/12/2019 | 90.00 | (39.00) | (3,510) |
| 42 | | | | 5/24/2019 | 6/27/2019 | 8,483.84 | (34.00) | (288,451) |
| 43 | | | | 5/18/2019 | 6/27/2019 | 720.00 | (40.00) | (28,800) |
| 44 | | | | 6/27/2019 | 7/8/2019 | 9.63 | (11.00) | (106) |
| 45 | | | | 6/5/2019 | 7/10/2019 | 144.00 | (35.00) | (5,040) |
| 46 | | | | 6/28/2019 | 7/15/2019 | 17.32 | (17.00) | (294) |
| 47 | | | | 6/6/2019 | 7/15/2019 | 2,302.50 | (39.00) | (89,798) |
| 48 | | | | 6/29/2019 | 7/25/2019 | 180.00 | (26.00) | (4,680) |
| 49 | | | | 7/15/2019 | 8/13/2019 | 7,530.00 | (29.00) | (218,370) |
| 50 | | | | 7/6/2019 | 8/15/2019 | 570.00 | (40.00) | (22,800) |
| 51 | | | | 7/6/2019 | 8/15/2019 | 997.50 | (40.00) | (39,900) |
| 52 | | | | 7/30/2019 | 8/21/2019 | 17.36 | (22.00) | (382) |
| 53 | | | | 8/5/2019 | 8/22/2019 | 688.64 | (17.00) | (11,707) |
| 54 | | | | 8/7/2019 | 8/22/2019 | 22.81 | (15.00) | (342) |
| 55 | | | | 8/21/2019 | 8/22/2019 | 347.65 | (1.00) | (348) |
| 56 | | | | 7/20/2019 | 8/29/2019 | 420.00 | (40.00) | (16,800) |
| 57 | | | | 7/20/2019 | 8/29/2019 | 465.00 | (40.00) | (18,600) |
| 58 | | | | 7/20/2019 | 8/29/2019 | 285.00 | (40.00) | (11,400) |
| 59 | | | | 8/2/2019 | 9/5/2019 | 533.00 | (34.00) | (18,122) |
| 60 | | | | 8/5/2019 | 9/13/2019 | 1,392.00 | (39.00) | (54,288) |
| 61 | | | | 8/19/2019 | 9/13/2019 | 172.78 | (25.00) | (4,320) |
| 62 | | | | 8/4/2019 | 9/13/2019 | 108.03 | (40.00) | (4,321) |
| 63 | | | | 8/19/2019 | 9/13/2019 | 23.87 | (25.00) | (597) |
| 64 | | | | 10/1/2019 | 10/2/2019 | 644.29 | (1.00) | (644) |
| 65 | | | | 8/23/2019 | 10/4/2019 | 65.83 | (42.00) | (2,765) |
| 66 | | | | 9/4/2019 | 10/14/2019 | 565.25 | (40.00) | (22,610) |
| 67 | | | | 9/4/2019 | 10/14/2019 | 411.36 | (40.00) | (16,454) |
| 68 | | | | 9/4/2019 | 10/14/2019 | 327.25 | (40.00) | (13,090) |
| 69 | | | | 9/24/2019 | 10/16/2019 | 77.69 | (22.00) | (1,709) |
| 70 | | | | 10/17/2019 | 10/30/2019 | 11.28 | (13.00) | (147) |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Lead-Lag Study
O&M Expenses - Non-Labor O&M Expenses

| Line | Service Period Begin | Service Period End | Midpoint of Service | Invoice Date | Payment Date | Payment Amount | Payment (Lead)/Lag Days | Dollar Days |
|------|-------------------------|-----------------------|---------------------|--------------|--------------|----------------|----------------------------|-------------|
| 71 | | | | 10/18/2019 | 10/30/2019 | 1,078.54 | (12.00) | (12,942) |
| 72 | | | | 10/9/2019 | 11/5/2019 | 527.00 | (27.00) | (14,229) |
| 73 | | | | 9/26/2019 | 11/5/2019 | 2,465.00 | (40.00) | (98,600) |
| 74 | | | | 10/5/2019 | 11/6/2019 | 1,785.00 | (32.00) | (57,120) |
| 75 | | | | 9/28/2019 | 11/6/2019 | 1,065.00 | (39.00) | (41,535) |
| 76 | | | | 10/7/2019 | 11/7/2019 | 160.91 | (31.00) | (4,988) |
| 77 | | | | 10/12/2019 | 11/21/2019 | 720.00 | (40.00) | (28,800) |
| 78 | | | | 11/7/2019 | 11/22/2019 | 17.45 | (15.00) | (262) |
| 79 | | | | 11/19/2019 | 11/27/2019 | 57.14 | (8.00) | (457) |
| 80 | | | | 11/27/2019 | 12/4/2019 | 478.24 | (7.00) | (3,348) |
| 81 | | | | 11/8/2019 | 12/6/2019 | 34,000.00 | (28.00) | (952,000) |
| 82 | | | | 11/25/2019 | 12/23/2019 | 5.83 | (28.00) | (163) |
| 83 | | | | 9/30/2019 | 10/1/2019 | 81.26 | (1.00) | (81) |
| 84 | | | | 12/20/2018 | 1/3/2019 | 580.00 | (14.00) | (8,120) |
| 85 | | | | 11/27/2018 | 1/3/2019 | 783.00 | (37.00) | (28,971) |
| 86 | | | | 11/3/2018 | 1/3/2019 | 2,260.80 | (61.00) | (137,909) |
| 87 | | | | 11/24/2018 | 1/3/2019 | 949.75 | (40.00) | (37,990) |
| 88 | | | | 11/24/2018 | 1/3/2019 | 4,103.50 | (40.00) | (164,140) |
| 89 | | | | 11/24/2018 | 1/3/2019 | 232.00 | (40.00) | (9,280) |
| 90 | | | | 11/24/2018 | 1/3/2019 | 696.00 | (40.00) | (27,840) |
| 91 | | | | 11/24/2018 | 1/3/2019 | 297.25 | (40.00) | (11,890) |
| 92 | | | | 12/2/2018 | 1/11/2019 | 1,706.25 | (40.00) | (68,250) |
| 93 | | | | 12/21/2018 | 1/11/2019 | 6,290.00 | (21.00) | (132,090) |
| 94 | | | | 12/21/2018 | 1/17/2019 | 48.25 | (27.00) | (1,303) |
| 95 | | | | 12/14/2018 | 1/17/2019 | 276.15 | (34.00) | (9,389) |
| 96 | | | | 12/29/2018 | 1/17/2019 | 620.00 | (19.00) | (11,780) |
| 97 | | | | 12/8/2018 | 1/17/2019 | 739.50 | (40.00) | (29,580) |
| 98 | | | | 12/8/2018 | 1/17/2019 | 989.10 | (40.00) | (39,564) |
| 99 | | | | 1/11/2019 | 1/18/2019 | 352.62 | (7.00) | (2,468) |
| 100 | | | | 1/28/2019 | 1/31/2019 | 325.00 | (3.00) | (975) |
| 101 | | | | 1/16/2019 | 2/7/2019 | 14.69 | (22.00) | (323) |
| 102 | | | | 12/7/2018 | 2/8/2019 | 2,858.74 | (63.00) | (180,101) |
| 103 | | | | 1/24/2019 | 2/14/2019 | 45.50 | (21.00) | (956) |
| 104 | | | | 1/18/2019 | 2/14/2019 | 4,591.00 | (27.00) | (123,957) |
| 105 | | | | 1/20/2019 | 2/14/2019 | 5,382.69 | (25.00) | (134,567) |
| 106 | | | | 2/5/2019 | 2/15/2019 | 3,949.15 | (10.00) | (39,492) |
| 107 | | | | 1/11/2019 | 3/1/2019 | 128.37 | (49.00) | (6,290) |
| 108 | | | | 1/23/2019 | 3/1/2019 | 90.31 | (37.00) | (3,341) |
| 109 | | | | 1/24/2019 | 3/5/2019 | 1,762.00 | (40.00) | (70,480) |
| 110 | | | | 2/8/2019 | 3/8/2019 | 95.99 | (28.00) | (2,688) |
| 111 | | | | 2/10/2019 | 3/8/2019 | 437.54 | (26.00) | (11,376) |
| 112 | | | | 2/7/2019 | 3/8/2019 | 2,375.49 | (29.00) | (68,889) |
| 113 | | | | 2/22/2019 | 3/14/2019 | 18.42 | (20.00) | (368) |
| 114 | | | | 2/22/2019 | 3/15/2019 | 284.90 | (21.00) | (5,983) |
| 115 | | | | 3/27/2019 | 4/3/2019 | 14.05 | (7.00) | (98) |
| 116 | | | | 2/28/2019 | 4/9/2019 | 405.00 | (40.00) | (16,200) |
| 117 | | | | 3/5/2019 | 4/9/2019 | 325.00 | (35.00) | (11,375) |
| 118 | | | | 3/19/2019 | 4/12/2019 | 46.38 | (24.00) | (1,113) |
| 119 | | | | 3/13/2019 | 4/12/2019 | 124.96 | (30.00) | (3,749) |
| 120 | | | | 4/12/2019 | 4/23/2019 | 630.00 | (11.00) | (6,930) |
| 121 | | | | 4/4/2019 | 4/26/2019 | 85.45 | (22.00) | (1,880) |
| 122 | | | | 3/15/2019 | 4/26/2019 | 172.72 | (42.00) | (7,254) |
| 123 | | | | 4/8/2019 | 4/26/2019 | 3,780.00 | (18.00) | (68,040) |
| 124 | | | | 4/6/2019 | 5/8/2019 | 38.38 | (32.00) | (1,228) |
| 125 | | | | 5/3/2019 | 5/9/2019 | 4.56 | (6.00) | (27) |
| 126 | | | | 5/1/2019 | 5/16/2019 | 2,500.00 | (15.00) | (37,500) |
| 127 | | | | 4/16/2019 | 5/16/2019 | 2.19 | (30.00) | (66) |
| 128 | | | | 5/7/2019 | 5/23/2019 | 8,350.89 | (16.00) | (133,614) |
| 129 | | | | 4/29/2019 | 5/29/2019 | 1,614.60 | (30.00) | (48,438) |
| 130 | | | | 4/30/2019 | 5/29/2019 | 939.31 | (29.00) | (27,240) |
| 131 | | | | 5/4/2019 | 5/29/2019 | 2,183.36 | (25.00) | (54,584) |
| 132 | | | | 5/31/2019 | 6/5/2019 | 1.42 | (5.00) | (7) |
| 133 | | | | 4/30/2019 | 6/5/2019 | 170.64 | (36.00) | (6,143) |
| 134 | | | | 4/13/2019 | 6/5/2019 | 1,015.00 | (53.00) | (53,795) |
| 135 | | | | 5/28/2019 | 6/7/2019 | 2,070.72 | (10.00) | (20,707) |
| 136 | | | | 5/2/2019 | 6/11/2019 | 364.00 | (40.00) | (14,560) |
| 137 | | | | 5/23/2019 | 6/12/2019 | 6.92 | (20.00) | (138) |
| 138 | | | | 5/17/2019 | 6/20/2019 | 1,845.60 | (34.00) | (62,750) |
| 139 | | | | 5/11/2019 | 6/20/2019 | 480.00 | (40.00) | (19,200) |
| 140 | | | | 5/11/2019 | 6/20/2019 | 3,577.50 | (40.00) | (143,100) |
| 141 | | | | 6/5/2019 | 6/20/2019 | 15,645.98 | (15.00) | (234,690) |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Lead-Lag Study
O&M Expenses - Non-Labor O&M Expenses

| Line | Service Period Begin | Service Period End | Midpoint of Service | Invoice Date | Payment Date | Payment Amount | Payment (Lead)/Lag Days | Dollar Days |
|------|-------------------------|-----------------------|---------------------|--------------|--------------|----------------|----------------------------|-----------------|
| 142 | | | | 6/28/2019 | 6/28/2019 | 25,000.00 | 0.00 | - |
| 143 | | | | 6/27/2019 | 7/3/2019 | 169.09 | (6.00) | (1,015) |
| 144 | | | | 6/26/2019 | 7/3/2019 | 5.26 | (7.00) | (37) |
| 145 | | | | 5/23/2019 | 7/8/2019 | 1,185.00 | (46.00) | (54,510) |
| 146 | | | | 6/17/2019 | 7/8/2019 | 2,108.63 | (21.00) | (44,281) |
| 147 | | | | 6/5/2019 | 7/9/2019 | 401.20 | (34.00) | (13,641) |
| 148 | | | | 5/24/2019 | 7/9/2019 | 75.00 | (46.00) | (3,450) |
| 149 | | | | 6/25/2019 | 7/15/2019 | 19.19 | (20.00) | (384) |
| 150 | | | | 6/24/2019 | 7/16/2019 | 2,333.54 | (22.00) | (51,338) |
| 151 | | | | 6/21/2019 | 7/18/2019 | 152.99 | (27.00) | (4,131) |
| 152 | | | | 7/11/2019 | 7/23/2019 | 1,349.15 | (12.00) | (16,190) |
| 153 | | | | 6/26/2019 | 7/25/2019 | 6,997.43 | (29.00) | (202,925) |
| 154 | | | | 7/18/2019 | 7/25/2019 | 7,233.63 | (7.00) | (50,635) |
| 155 | | | | 6/28/2019 | 7/29/2019 | 4,526.30 | (31.00) | (140,315) |
| 156 | | | | 6/26/2019 | 7/29/2019 | 1,320.00 | (33.00) | (43,560) |
| 157 | | | | 6/25/2019 | 7/30/2019 | 480.00 | (35.00) | (16,800) |
| 158 | | | | 6/21/2019 | 7/31/2019 | 152.99 | (40.00) | (6,120) |
| 159 | | | | 6/25/2019 | 8/13/2019 | 432.00 | (49.00) | (21,168) |
| 160 | | | | 7/28/2019 | 8/21/2019 | 592.50 | (24.00) | (14,220) |
| 161 | | | | 7/24/2019 | 8/21/2019 | 780.00 | (28.00) | (21,840) |
| 162 | | | | 7/22/2019 | 8/21/2019 | 3,144.85 | (30.00) | (94,346) |
| 163 | | | | 7/24/2019 | 8/22/2019 | 138.07 | (29.00) | (4,004) |
| 164 | | | | 8/21/2019 | 8/30/2019 | 188.49 | (9.00) | (1,696) |
| 165 | | | | 7/26/2019 | 9/10/2019 | 175.26 | (46.00) | (8,062) |
| 166 | | | | 8/23/2019 | 9/13/2019 | 247.46 | (21.00) | (5,197) |
| 167 | | | | 8/14/2019 | 9/13/2019 | 108.75 | (30.00) | (3,263) |
| 168 | | | | 8/12/2019 | 9/13/2019 | 95.00 | (32.00) | (3,040) |
| 169 | | | | 8/8/2019 | 9/20/2019 | 3,783.80 | (43.00) | (162,703) |
| 170 | | | | 8/22/2019 | 9/20/2019 | 301.01 | (29.00) | (8,729) |
| 171 | | | | 8/20/2019 | 9/25/2019 | 381.25 | (36.00) | (13,725) |
| 172 | | | | 9/6/2019 | 10/2/2019 | 1,867.50 | (26.00) | (48,555) |
| 173 | | | | 9/23/2019 | 10/11/2019 | 14.04 | (18.00) | (253) |
| 174 | | | | 9/23/2019 | 10/11/2019 | 166.16 | (18.00) | (2,991) |
| 175 | | | | 9/4/2019 | 10/14/2019 | 340.25 | (40.00) | (13,610) |
| 176 | | | | 9/16/2019 | 10/14/2019 | 3,762.00 | (28.00) | (105,336) |
| 177 | | | | 9/4/2019 | 10/14/2019 | 287.35 | (40.00) | (11,494) |
| 178 | | | | 9/5/2019 | 10/14/2019 | 7.40 | (39.00) | (289) |
| 179 | | | | 10/7/2019 | 10/17/2019 | 3,172.73 | (10.00) | (31,727) |
| 180 | | | | 8/15/2019 | 10/17/2019 | 900.00 | (63.00) | (56,700) |
| 181 | | | | 10/2/2019 | 10/18/2019 | 270.00 | (16.00) | (4,320) |
| 182 | | | | 10/14/2019 | 10/31/2019 | 1,041.24 | (17.00) | (17,701) |
| 183 | | | | 10/3/2019 | 11/1/2019 | 124.46 | (29.00) | (3,609) |
| 184 | | | | 10/10/2019 | 11/7/2019 | 67.00 | (28.00) | (1,876) |
| 185 | | | | 9/28/2019 | 11/7/2019 | 2,637.03 | (40.00) | (105,481) |
| 186 | | | | 10/7/2019 | 11/15/2019 | 2,937.74 | (39.00) | (114,572) |
| 187 | | | | 10/10/2019 | 11/18/2019 | 1,477.52 | (39.00) | (57,623) |
| 188 | | | | 10/10/2019 | 11/18/2019 | 2,991.04 | (39.00) | (116,651) |
| 189 | | | | 10/10/2019 | 11/18/2019 | 2,192.61 | (39.00) | (85,512) |
| 190 | | | | 10/19/2019 | 11/21/2019 | 2,365.10 | (33.00) | (78,048) |
| 191 | | | | 10/18/2019 | 11/27/2019 | 43.40 | (40.00) | (1,736) |
| 192 | | | | 11/25/2019 | 12/11/2019 | 78.19 | (16.00) | (1,251) |
| 193 | | | | 10/23/2019 | 12/11/2019 | 6,288.36 | (49.00) | (308,130) |
| 194 | | | | 11/18/2019 | 12/18/2019 | 10,465.75 | (30.00) | (313,973) |
| 195 | | | | 11/21/2019 | 12/18/2019 | 3,520.04 | (27.00) | (95,041) |
| 196 | | | | 11/25/2019 | 12/18/2019 | 48,189.19 | (23.00) | (1,108,351) |
| 197 | | | | 12/31/2018 | 1/17/2019 | 5,288.07 | (17.00) | (89,897) |
| 198 | | | | 1/22/2019 | 2/8/2019 | 6,450.04 | (17.00) | (109,651) |
| 199 | | | | 10/14/2019 | 10/31/2019 | 4,432.76 | (17.00) | (75,357) |
| 200 | | | | 9/17/2019 | 10/4/2019 | 3,037.21 | (17.00) | (51,633) |
| 201 | | | | | | | | |
| 202 | | | | | Total | \$ 1,718,500 | (42.02) | \$ (72,216,004) |
| 203 | | | | | | | | |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
 Lead-Lag Study
 Income Tax

| Line | Quarter | Service Period Start | Service Period End | Midpoint of Service Period | Payment Date | Percent of Taxes Due | Days from Midpoint to Payment Date | (Lead)/Lag Days |
|------|----------------------------|-------------------------|-----------------------|-------------------------------|--------------|-------------------------|--|--------------------|
| 1 | First Quarter | 1/1/2019 | 12/31/2019 | 7/2/2019 | 4/15/2019 | 25.00% | 78.50 | 19.63 |
| 2 | Second Quarter | 1/1/2019 | 12/31/2019 | 7/2/2019 | 6/15/2019 | 25.00% | 17.50 | 4.38 |
| 3 | Third Quarter | 1/1/2019 | 12/31/2019 | 7/2/2019 | 9/15/2019 | 25.00% | (74.50) | (18.63) |
| 4 | Fourth Quarter | 1/1/2019 | 12/31/2019 | 7/2/2019 | 12/15/2019 | 25.00% | (165.50) | (41.38) |
| 5 | Income Tax (Lead)/Lag Days | | | | | | | (36.00) |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Lead-Lag Study
Taxes Other Than Income Tax

| Line | Description | Amount | (Lead)/Lag Days | Dollar Days | Composite (Lead)/Lag Days |
|----------------------|----------------------------|----------------------|--------------------|------------------------|---------------------------------|
| Payroll Taxes | | | | | |
| 1 | FICA | \$ 1,277,089 | (16.08) | \$ (20,534,335) | |
| 2 | Federal Unemployment | 10,065 | (30.75) | (309,512) | |
| 3 | State Unemployment | 22,401 | (105.76) | (2,369,266) | |
| 4 | Total Payroll Taxes | \$ 1,309,556 | | \$ (23,213,114) | (17.73) |
| 5 | Property Taxes | \$ 11,959,474 | 14.58 | 174,398,716 | 14.58 |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
 Lead-Lag Study
 FICA

| Line | Pay-Period End | Payment Date | Amount | (Lead)/Lag Days | Dollar Days |
|------|-----------------------|-----------------|-----------|--------------------|----------------|
| 1 | 12/29/2018 | 1/4/2019 | \$ 12,504 | (6.00) | (75,026) |
| 2 | 1/5/2019 | 1/11/2019 | \$ 31,837 | (6.00) | (191,024) |
| 3 | 1/12/2019 | 1/18/2019 | \$ 13,868 | (6.00) | (83,206) |
| 4 | 1/19/2019 | 1/25/2019 | \$ 32,689 | (6.00) | (196,135) |
| 5 | 1/26/2019 | 2/1/2019 | \$ 19,863 | (6.00) | (119,177) |
| 6 | 2/2/2019 | 2/8/2019 | \$ 36,614 | (6.00) | (219,683) |
| 7 | 2/9/2019 | 2/15/2019 | \$ 13,620 | (6.00) | (81,719) |
| 8 | 2/16/2019 | 2/22/2019 | \$ 32,921 | (6.00) | (197,526) |
| 9 | 2/23/2019 | 3/1/2019 | \$ 13,991 | (6.00) | (83,948) |
| 10 | 3/2/2019 | 3/8/2019 | \$ 34,032 | (6.00) | (204,191) |
| 11 | 3/9/2019 | 3/15/2019 | \$ 13,621 | (6.00) | (81,726) |
| 12 | 3/16/2019 | 3/22/2019 | \$ 32,572 | (6.00) | (195,433) |
| 13 | 3/23/2019 | 3/29/2019 | \$ 13,949 | (6.00) | (83,693) |
| 14 | 3/30/2019 | 4/5/2019 | \$ 32,750 | (6.00) | (196,497) |
| 15 | 4/6/2019 | 4/12/2019 | \$ 14,631 | (6.00) | (87,789) |
| 16 | 4/6/2019 | 4/18/2019 | \$ 85,182 | (12.00) | (1,022,186) |
| 17 | 4/13/2019 | 4/19/2019 | \$ 32,120 | (6.00) | (192,721) |
| 18 | 4/20/2019 | 4/26/2019 | \$ 13,429 | (6.00) | (80,576) |
| 19 | 4/27/2019 | 5/3/2019 | \$ 32,845 | (6.00) | (197,068) |
| 20 | 5/4/2019 | 5/10/2019 | \$ 13,978 | (6.00) | (83,869) |
| 21 | 5/11/2019 | 5/17/2019 | \$ 31,460 | (6.00) | (188,763) |
| 22 | 5/18/2019 | 5/24/2019 | \$ 13,723 | (6.00) | (82,335) |
| 23 | 5/25/2019 | 5/31/2019 | \$ 32,796 | (6.00) | (196,778) |
| 24 | 6/1/2019 | 6/7/2019 | \$ 13,109 | (6.00) | (78,655) |
| 25 | 6/8/2019 | 6/14/2019 | \$ 32,162 | (6.00) | (192,972) |
| 26 | 6/15/2019 | 6/21/2019 | \$ 13,345 | (6.00) | (80,069) |
| 27 | 6/22/2019 | 6/28/2019 | \$ 32,552 | (6.00) | (195,311) |
| 28 | 6/29/2019 | 7/5/2019 | \$ 14,264 | (6.00) | (85,585) |
| 29 | 7/6/2019 | 7/12/2019 | \$ 31,224 | (6.00) | (187,342) |
| 30 | 7/13/2019 | 7/19/2019 | \$ 14,374 | (6.00) | (86,242) |
| 31 | 7/20/2019 | 7/26/2019 | \$ 32,656 | (6.00) | (195,938) |
| 32 | 7/27/2019 | 8/2/2019 | \$ 13,789 | (6.00) | (82,734) |
| 33 | 8/3/2019 | 8/9/2019 | \$ 31,224 | (6.00) | (187,347) |
| 34 | 8/10/2019 | 8/16/2019 | \$ 13,825 | (6.00) | (82,952) |
| 35 | 8/17/2019 | 8/23/2019 | \$ 31,441 | (6.00) | (188,648) |
| 36 | 8/24/2019 | 8/30/2019 | \$ 14,192 | (6.00) | (85,153) |
| 37 | 8/31/2019 | 9/6/2019 | \$ 31,017 | (6.00) | (186,104) |
| 38 | 9/7/2019 | 9/13/2019 | \$ 13,957 | (6.00) | (83,745) |
| 39 | 9/14/2019 | 9/20/2019 | \$ 31,745 | (6.00) | (190,469) |
| 40 | 9/21/2019 | 9/27/2019 | \$ 15,677 | (6.00) | (94,064) |
| 41 | 9/28/2019 | 10/4/2019 | \$ 34,649 | (6.00) | (207,895) |
| 42 | 10/5/2019 | 10/11/2019 | \$ 16,798 | (6.00) | (100,786) |
| 43 | 10/12/2019 | 10/18/2019 | \$ 30,888 | (6.00) | (185,327) |
| 44 | 10/19/2019 | 10/25/2019 | \$ 14,815 | (6.00) | (88,887) |
| 45 | 10/26/2019 | 11/1/2019 | \$ 30,808 | (6.00) | (184,846) |
| 46 | 11/2/2019 | 11/8/2019 | \$ 14,465 | (6.00) | (86,791) |
| 47 | 11/9/2019 | 11/15/2019 | \$ 30,496 | (6.00) | (182,974) |
| 48 | 11/16/2019 | 11/22/2019 | \$ 13,652 | (6.00) | (81,909) |
| 49 | 11/23/2019 | 11/29/2019 | \$ 27,822 | (6.00) | (166,935) |
| 50 | 11/30/2019 | 12/6/2019 | \$ 12,054 | (6.00) | (72,325) |
| 51 | 12/7/2019 | 12/13/2019 | \$ 27,982 | (6.00) | (167,890) |
| 52 | 12/14/2019 | 12/20/2019 | \$ 11,582 | (6.00) | (69,495) |
| 53 | 12/21/2019 | 12/27/2019 | \$ 25,527 | (6.00) | (153,164) |
| | | | \$ - | - | - |
| | Total | \$ | 1,277,089 | (6.40) | \$ (8,173,624) |
| 54 | Payroll Lag | | | (9.68) | |
| 55 | Total (Lead)/Lag Days | | | (16.08) | |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Lead-Lag Study
Federal Unemployment

| Line | Description | Liability Date | Amount | Payment Date | (Lead)/Lag Days |
|------|----------------|----------------|-----------|--------------|-----------------|
| 1 | First Quarter | 3/31/2019 | \$ 9,170 | 4/30/2019 | (30.00) |
| 2 | Second Quarter | 6/30/2019 | \$ 467 | 7/31/2019 | (31.00) |
| 3 | Third Quarter | 9/30/2019 | \$ 169 | 10/31/2019 | (31.00) |
| 4 | Fourth Quarter | 12/31/2019 | \$ 260 | 1/31/2020 | (31.00) |
| 5 | Total | | \$ 10,065 | | (30.75) |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Lead-Lag Study
State Unemployment

| Line | Pay-Period End | Payment Date | EN Amount | (Lead)/Lag Days | Dollar Days |
|------|-------------------|-----------------|-----------|--------------------|-------------|
| 1 | 12/29/2018 | 4/30/2019 | \$ 1,478 | (122.00) | (180,335) |
| 2 | 1/5/2019 | 4/30/2019 | \$ 3,764 | (115.00) | (432,863) |
| 3 | 1/12/2019 | 4/30/2019 | \$ 1,633 | (108.00) | (176,359) |
| 4 | 1/19/2019 | 4/30/2019 | \$ 3,831 | (101.00) | (386,980) |
| 5 | 1/26/2019 | 4/30/2019 | \$ 2,054 | (94.00) | (193,091) |
| 6 | 2/2/2019 | 4/30/2019 | \$ 3,412 | (87.00) | (296,820) |
| 7 | 2/9/2019 | 4/30/2019 | \$ 789 | (80.00) | (63,157) |
| 8 | 2/16/2019 | 4/30/2019 | \$ 1,543 | (73.00) | (112,643) |
| 9 | 2/23/2019 | 4/30/2019 | \$ 281 | (66.00) | (18,549) |
| 10 | 3/2/2019 | 4/30/2019 | \$ 638 | (59.00) | (37,630) |
| 11 | 3/9/2019 | 4/30/2019 | \$ 166 | (52.00) | (8,616) |
| 12 | 3/16/2019 | 4/30/2019 | \$ 450 | (45.00) | (20,252) |
| 13 | 3/23/2019 | 4/30/2019 | \$ 160 | (38.00) | (6,079) |
| 14 | 3/30/2019 | 7/31/2019 | \$ 330 | (123.00) | (40,601) |
| 15 | 4/6/2019 | 7/31/2019 | \$ 147 | (116.00) | (17,079) |
| 16 | 4/6/2019 | 7/31/2019 | \$ 404 | (116.00) | (46,894) |
| 17 | 4/13/2019 | 7/31/2019 | \$ 114 | (109.00) | (12,390) |
| 18 | 4/20/2019 | 7/31/2019 | \$ 74 | (102.00) | (7,538) |
| 19 | 4/27/2019 | 7/31/2019 | \$ 114 | (95.00) | (10,863) |
| 20 | 5/4/2019 | 7/31/2019 | \$ 52 | (88.00) | (4,597) |
| 21 | 5/11/2019 | 7/31/2019 | \$ 89 | (81.00) | (7,242) |
| 22 | 5/18/2019 | 7/31/2019 | \$ 38 | (74.00) | (2,831) |
| 23 | 5/25/2019 | 7/31/2019 | \$ 64 | (67.00) | (4,297) |
| 24 | 6/1/2019 | 7/31/2019 | \$ 32 | (60.00) | (1,924) |
| 25 | 6/8/2019 | 7/31/2019 | \$ 65 | (53.00) | (3,471) |
| 26 | 6/15/2019 | 7/31/2019 | \$ 28 | (46.00) | (1,283) |
| 27 | 6/22/2019 | 7/31/2019 | \$ 63 | (39.00) | (2,472) |
| 28 | 6/29/2019 | 10/31/2019 | \$ 20 | (124.00) | (2,499) |
| 29 | 7/6/2019 | 10/31/2019 | \$ 38 | (117.00) | (4,419) |

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Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Lead-Lag Study
State Unemployment

| Line | Pay-Period End | Payment Date | EN Amount | (Lead)/Lag Days | Dollar Days |
|------|-------------------|-----------------|-----------|--------------------|-------------|
| 30 | 7/13/2019 | 10/31/2019 | \$ | 29 (110.00) | (3,227) |
| 31 | 7/20/2019 | 10/31/2019 | \$ | 83 (103.00) | (8,553) |
| 32 | 7/27/2019 | 10/31/2019 | \$ | 11 (96.00) | (1,016) |
| 33 | 8/3/2019 | 10/31/2019 | \$ | 86 (89.00) | (7,620) |
| 34 | 8/10/2019 | 10/31/2019 | \$ | 28 (82.00) | (2,267) |
| 35 | 8/17/2019 | 10/31/2019 | \$ | 54 (75.00) | (4,048) |
| 36 | 8/24/2019 | 10/31/2019 | \$ | 26 (68.00) | (1,750) |
| 37 | 8/31/2019 | 10/31/2019 | \$ | 38 (61.00) | (2,295) |
| 38 | 9/7/2019 | 10/31/2019 | \$ | (111) (54.00) | 6,012 |
| 39 | 9/14/2019 | 10/31/2019 | \$ | (68) (47.00) | 3,179 |
| 40 | 9/21/2019 | 10/31/2019 | \$ | 14 (40.00) | (560) |
| 41 | 9/28/2019 | 1/31/2020 | \$ | 11 (125.00) | (1,424) |
| 42 | 10/5/2019 | 1/31/2020 | \$ | 16 (118.00) | (1,902) |
| 43 | 10/12/2019 | 1/31/2020 | \$ | 35 (111.00) | (3,939) |
| 44 | 10/19/2019 | 1/31/2020 | \$ | 17 (104.00) | (1,813) |
| 45 | 10/26/2019 | 1/31/2020 | \$ | 35 (97.00) | (3,394) |
| 46 | 11/2/2019 | 1/31/2020 | \$ | 18 (90.00) | (1,591) |
| 47 | 11/9/2019 | 1/31/2020 | \$ | 30 (83.00) | (2,509) |
| 48 | 11/16/2019 | 1/31/2020 | \$ | 16 (76.00) | (1,228) |
| 49 | 11/23/2019 | 1/31/2020 | \$ | 39 (69.00) | (2,673) |
| 50 | 11/30/2019 | 1/31/2020 | \$ | 21 (62.00) | (1,281) |
| 51 | 12/7/2019 | 1/31/2020 | \$ | 39 (55.00) | (2,162) |
| 52 | 12/14/2019 | 1/31/2020 | \$ | 17 (48.00) | (804) |
| 53 | 12/21/2019 | 1/31/2020 | \$ | 44 (41.00) | (1,811) |

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Lead-Lag Study
Property Taxes

| Line | Description | Tax Period Start | Tax Period End | Midpoint of Tax Period | Payment Date | Tax Amount | Days from Midpoint to End of Period | (Lead)/Lag Days | | Total (Lead)/Lag Days | Weighted Dollar-Days | Composite (Lead)/Lag Days |
|------|---------------------------------|------------------|----------------|------------------------|--------------|------------|-------------------------------------|-----------------|-----------------|-----------------------|----------------------|---------------------------|
| | | | | | | | | Payment | (Lead)/Lag Days | | | |
| 1 | TOWN OF ALLENSTOWN | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 30,526 | (90.50) | 109.00 | 18.50 | \$ | 564,731 | |
| 2 | TOWN OF ALLENSTOWN | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/22/2019 | 32,637 | (90.50) | 130.00 | 39.50 | \$ | 1,289,162 | |
| 3 | TOWN OF AMHERST - TAX COLLECTOR | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 48,942 | (90.50) | 109.00 | 18.50 | \$ | 905,427 | |
| 4 | TOWN OF AMHERST - TAX COLLECTOR | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 4,171 | (90.50) | 109.00 | 18.50 | \$ | 77,164 | |
| 5 | TOWN OF AMHERST - TAX COLLECTOR | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/19/2019 | 47,884 | (90.50) | 133.00 | 42.50 | \$ | 2,035,070 | |
| 6 | TOWN OF AMHERST - TAX COLLECTOR | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/19/2019 | 4,081 | (90.50) | 133.00 | 42.50 | \$ | 173,443 | |
| 7 | TOWN OF AUBURN | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 604 | (90.50) | 109.00 | 18.50 | \$ | 11,174 | |
| 8 | TOWN OF AUBURN | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/29/2019 | 743 | (90.50) | 123.00 | 32.50 | \$ | 24,148 | |
| 9 | TOWN OF BEDFORD NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/6/2019 | 45,894 | (90.50) | 116.00 | 25.50 | \$ | 1,170,296 | |
| 10 | TOWN OF BEDFORD NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/19/2019 | 59,286 | (90.50) | 133.00 | 42.50 | \$ | 2,519,666 | |
| 11 | TOWN OF BELMONT NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 21,788 | (90.50) | 109.00 | 18.50 | \$ | 403,072 | |
| 12 | TOWN OF BELMONT NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/19/2019 | 20,272 | (90.50) | 133.00 | 42.50 | \$ | 861,569 | |
| 13 | CITY OF BERLIN | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/6/2019 | 10,810 | (90.50) | 116.00 | 25.50 | \$ | 275,655 | |
| 14 | CITY OF BERLIN | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/26/2019 | 11,418 | (90.50) | 126.00 | 35.50 | \$ | 405,339 | |
| 15 | TOWN OF BOSCAWEN | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/6/2019 | 10,906 | (90.50) | 116.00 | 25.50 | \$ | 278,103 | |
| 16 | TOWN OF BOSCAWEN | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/26/2019 | 12,263 | (90.50) | 126.00 | 35.50 | \$ | 435,337 | |
| 17 | TOWN OF BOW, NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 71,941 | (90.50) | 109.00 | 18.50 | \$ | 1,330,909 | |
| 18 | TOWN OF BOW, NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/11/2019 | 67,607 | (90.50) | 111.00 | 20.50 | \$ | 1,385,944 | |
| 19 | TOWN OF CANTERBURY NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 3,726 | (90.50) | 109.00 | 18.50 | \$ | 68,931 | |
| 20 | TOWN OF CANTERBURY NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/3/2019 | 2,682 | (90.50) | 119.00 | 28.50 | \$ | 76,437 | |
| 21 | CITY OF CONCORD, NH | 7/1/2019 | 9/30/2019 | 8/16/2019 | 6/11/2019 | 319,552 | (45.00) | 111.00 | 66.00 | \$ | 21,090,438 | |
| 22 | CITY OF CONCORD, NH | 7/1/2019 | 9/30/2019 | 8/16/2019 | 6/11/2019 | 978 | (45.00) | 111.00 | 66.00 | \$ | 64,560 | |
| 23 | CITY OF CONCORD, NH | 7/1/2019 | 9/30/2019 | 8/16/2019 | 6/11/2019 | 6 | (45.00) | 111.00 | 66.00 | \$ | 395 | |
| 24 | CITY OF CONCORD, NH | 7/1/2019 | 9/30/2019 | 8/16/2019 | 6/11/2019 | 276 | (45.00) | 111.00 | 66.00 | \$ | 18,225 | |
| 25 | CITY OF CONCORD, NH | 7/1/2019 | 9/30/2019 | 8/16/2019 | 6/11/2019 | 8,484 | (45.00) | 111.00 | 66.00 | \$ | 559,933 | |
| 26 | CITY OF CONCORD, NH | 7/1/2019 | 9/30/2019 | 8/16/2019 | 6/11/2019 | 601 | (45.00) | 111.00 | 66.00 | \$ | 39,677 | |
| 27 | CITY OF CONCORD, NH | 7/1/2019 | 9/30/2019 | 8/16/2019 | 6/11/2019 | 6,954 | (45.00) | 111.00 | 66.00 | \$ | 458,967 | |
| 28 | CITY OF CONCORD, NH | 7/1/2019 | 9/30/2019 | 8/16/2019 | 6/11/2019 | 338 | (45.00) | 111.00 | 66.00 | \$ | 22,308 | |
| 29 | CITY OF CONCORD, NH | 7/1/2019 | 9/30/2019 | 8/16/2019 | 6/11/2019 | 228 | (45.00) | 111.00 | 66.00 | \$ | 15,059 | |
| 30 | CITY OF CONCORD, NH | 7/1/2019 | 9/30/2019 | 8/16/2019 | 6/11/2019 | 619 | (45.00) | 111.00 | 66.00 | \$ | 40,876 | |
| 31 | CITY OF CONCORD, NH | 7/1/2019 | 9/30/2019 | 8/16/2019 | 6/11/2019 | 30,567 | (45.00) | 111.00 | 66.00 | \$ | 2,017,427 | |
| 32 | CITY OF CONCORD, NH | 7/1/2019 | 9/30/2019 | 8/16/2019 | 6/11/2019 | 315 | (45.00) | 111.00 | 66.00 | \$ | 20,761 | |
| 33 | CITY OF CONCORD, NH | 7/1/2019 | 9/30/2019 | 8/16/2019 | 6/11/2019 | 1,326 | (45.00) | 111.00 | 66.00 | \$ | 87,513 | |
| 34 | CITY OF CONCORD, NH | 7/1/2019 | 9/30/2019 | 8/16/2019 | 6/11/2019 | 1,912 | (45.00) | 111.00 | 66.00 | \$ | 126,197 | |
| 34 | CITY OF CONCORD, NH | 10/1/2019 | 12/31/2019 | 11/16/2019 | 9/19/2019 | 978 | (45.00) | 103.00 | 58.00 | \$ | 56,734 | |
| 35 | CITY OF CONCORD, NH | 10/1/2019 | 12/31/2019 | 11/16/2019 | 9/19/2019 | 6 | (45.00) | 103.00 | 58.00 | \$ | 349 | |
| 36 | CITY OF CONCORD, NH | 10/1/2019 | 12/31/2019 | 11/16/2019 | 9/19/2019 | 276 | (45.00) | 103.00 | 58.00 | \$ | 16,016 | |
| 37 | CITY OF CONCORD, NH | 10/1/2019 | 12/31/2019 | 11/16/2019 | 9/19/2019 | 8,484 | (45.00) | 103.00 | 58.00 | \$ | 492,062 | |
| 38 | CITY OF CONCORD, NH | 10/1/2019 | 12/31/2019 | 11/16/2019 | 9/19/2019 | 601 | (45.00) | 103.00 | 58.00 | \$ | 34,867 | |
| 39 | CITY OF CONCORD, NH | 10/1/2019 | 12/31/2019 | 11/16/2019 | 9/19/2019 | 6,954 | (45.00) | 103.00 | 58.00 | \$ | 403,335 | |
| 40 | CITY OF CONCORD, NH | 10/1/2019 | 12/31/2019 | 11/16/2019 | 9/19/2019 | 338 | (45.00) | 103.00 | 58.00 | \$ | 19,604 | |
| 41 | CITY OF CONCORD, NH | 10/1/2019 | 12/31/2019 | 11/16/2019 | 9/19/2019 | 228 | (45.00) | 103.00 | 58.00 | \$ | 13,234 | |
| 42 | CITY OF CONCORD, NH | 10/1/2019 | 12/31/2019 | 11/16/2019 | 9/19/2019 | 619 | (45.00) | 103.00 | 58.00 | \$ | 35,922 | |
| 43 | CITY OF CONCORD, NH | 10/1/2019 | 12/31/2019 | 11/16/2019 | 9/19/2019 | 30,567 | (45.00) | 103.00 | 58.00 | \$ | 1,772,891 | |
| 44 | CITY OF CONCORD, NH | 10/1/2019 | 12/31/2019 | 11/16/2019 | 9/19/2019 | 315 | (45.00) | 103.00 | 58.00 | \$ | 18,244 | |
| 45 | CITY OF CONCORD, NH | 10/1/2019 | 12/31/2019 | 11/16/2019 | 9/19/2019 | 1,326 | (45.00) | 103.00 | 58.00 | \$ | 76,905 | |
| 45 | CITY OF CONCORD, NH | 10/1/2019 | 12/31/2019 | 11/16/2019 | 9/19/2019 | 1,912 | (45.00) | 103.00 | 58.00 | \$ | 110,900 | |
| 46 | CITY OF CONCORD, NH | 10/1/2019 | 12/31/2019 | 11/16/2019 | 9/19/2019 | 319,552 | (45.00) | 103.00 | 58.00 | \$ | 18,534,021 | |
| 47 | CITY OF CONCORD, NH | 1/1/2020 | 3/31/2020 | 2/15/2020 | 12/27/2019 | 307 | (44.50) | 95.00 | 50.50 | \$ | 15,495 | |
| 48 | CITY OF CONCORD, NH | 1/1/2020 | 3/31/2020 | 2/15/2020 | 12/27/2019 | 269 | (44.50) | 95.00 | 50.50 | \$ | 13,602 | |

11-557

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Lead-Lag Study
Property Taxes

| Line | Description | Tax Period Start | Tax Period End | Midpoint of Tax Period | Payment Date | Tax Amount | (Lead)/Lag Days | | | Weighted Dollar-Days | Composite (Lead)/Lag Days |
|------|---------------------|------------------|----------------|------------------------|--------------|------------|-------------------------------------|-------------------------|-----------------------|----------------------|---------------------------|
| | | | | | | | Days from Midpoint to End of Period | Payment (Lead)/Lag Days | Total (Lead)/Lag Days | | |
| 49 | CITY OF CONCORD, NH | 1/1/2020 | 3/31/2020 | 2/15/2020 | 12/27/2019 | 586 | (44.50) | 95.00 | 50.50 | \$ | 29,616 |
| 50 | CITY OF CONCORD, NH | 1/1/2020 | 3/31/2020 | 2/15/2020 | 12/27/2019 | 6,783 | (44.50) | 95.00 | 50.50 | \$ | 342,551 |
| 51 | CITY OF CONCORD, NH | 1/1/2020 | 3/31/2020 | 2/15/2020 | 12/27/2019 | 330 | (44.50) | 95.00 | 50.50 | \$ | 16,650 |
| 52 | CITY OF CONCORD, NH | 1/1/2020 | 3/31/2020 | 2/15/2020 | 12/27/2019 | 604 | (44.50) | 95.00 | 50.50 | \$ | 30,508 |
| 53 | CITY OF CONCORD, NH | 1/1/2020 | 3/31/2020 | 2/15/2020 | 12/27/2019 | 954 | (44.50) | 95.00 | 50.50 | \$ | 48,185 |
| 54 | CITY OF CONCORD, NH | 1/1/2020 | 3/31/2020 | 2/15/2020 | 12/27/2019 | 8,275 | (44.50) | 95.00 | 50.50 | \$ | 417,908 |
| 55 | CITY OF CONCORD, NH | 1/1/2020 | 3/31/2020 | 2/15/2020 | 12/27/2019 | 37,111 | (44.50) | 95.00 | 50.50 | \$ | 1,874,115 |
| 56 | CITY OF CONCORD, NH | 1/1/2020 | 3/31/2020 | 2/15/2020 | 12/27/2019 | 370,457 | (44.50) | 95.00 | 50.50 | \$ | 18,708,080 |
| 57 | CITY OF CONCORD, NH | 1/1/2020 | 3/31/2020 | 2/15/2020 | 12/27/2019 | 1,865 | (44.50) | 95.00 | 50.50 | \$ | 94,188 |
| 58 | CITY OF CONCORD, NH | 1/1/2020 | 3/31/2020 | 2/15/2020 | 12/27/2019 | 1,293 | (44.50) | 95.00 | 50.50 | \$ | 65,315 |
| 59 | CITY OF CONCORD, NH | 1/1/2020 | 3/31/2020 | 2/15/2020 | 12/27/2019 | 6 | (44.50) | 95.00 | 50.50 | \$ | 294 |
| 59 | CITY OF CONCORD, NH | 1/1/2020 | 3/31/2020 | 2/15/2020 | 12/27/2019 | 236 | (44.50) | 95.00 | 50.50 | \$ | 11,909 |
| 60 | CITY OF CONCORD, NH | 4/1/2020 | 6/30/2020 | 5/16/2020 | 3/11/2020 | 307 | (44.50) | 111.00 | 66.50 | \$ | 20,404 |
| 60 | CITY OF CONCORD, NH | 4/1/2020 | 6/30/2020 | 5/16/2020 | 3/11/2020 | 269 | (44.50) | 111.00 | 66.50 | \$ | 17,912 |
| 61 | CITY OF CONCORD, NH | 4/1/2020 | 6/30/2020 | 5/16/2020 | 3/11/2020 | 586 | (44.50) | 111.00 | 66.50 | \$ | 38,998 |
| 61 | CITY OF CONCORD, NH | 4/1/2020 | 6/30/2020 | 5/16/2020 | 3/11/2020 | 6,783 | (44.50) | 111.00 | 66.50 | \$ | 451,083 |
| 62 | CITY OF CONCORD, NH | 4/1/2020 | 6/30/2020 | 5/16/2020 | 3/11/2020 | 330 | (44.50) | 111.00 | 66.50 | \$ | 21,924 |
| 62 | CITY OF CONCORD, NH | 4/1/2020 | 6/30/2020 | 5/16/2020 | 3/11/2020 | 604 | (44.50) | 111.00 | 66.50 | \$ | 40,175 |
| 63 | CITY OF CONCORD, NH | 4/1/2020 | 6/30/2020 | 5/16/2020 | 3/11/2020 | 954 | (44.50) | 111.00 | 66.50 | \$ | 63,450 |
| 63 | CITY OF CONCORD, NH | 4/1/2020 | 6/30/2020 | 5/16/2020 | 3/11/2020 | 8,275 | (44.50) | 111.00 | 66.50 | \$ | 550,314 |
| 64 | CITY OF CONCORD, NH | 4/1/2020 | 6/30/2020 | 5/16/2020 | 3/11/2020 | 37,111 | (44.50) | 111.00 | 66.50 | \$ | 2,467,893 |
| 64 | CITY OF CONCORD, NH | 4/1/2020 | 6/30/2020 | 5/16/2020 | 3/11/2020 | 370,457 | (44.50) | 111.00 | 66.50 | \$ | 24,635,393 |
| 65 | CITY OF CONCORD, NH | 4/1/2020 | 6/30/2020 | 5/16/2020 | 3/11/2020 | 1,865 | (44.50) | 111.00 | 66.50 | \$ | 124,028 |
| 65 | CITY OF CONCORD, NH | 4/1/2020 | 6/30/2020 | 5/16/2020 | 3/11/2020 | 1,293 | (44.50) | 111.00 | 66.50 | \$ | 86,009 |
| 66 | CITY OF CONCORD, NH | 4/1/2020 | 6/30/2020 | 5/16/2020 | 3/11/2020 | 6 | (44.50) | 111.00 | 66.50 | \$ | 385 |
| 66 | CITY OF CONCORD, NH | 4/1/2020 | 6/30/2020 | 5/16/2020 | 3/11/2020 | 236 | (44.50) | 111.00 | 66.50 | \$ | 15,681 |
| 67 | TOWN OF DERRY | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 37,832 | (90.50) | 109.00 | 18.50 | \$ | 699,898 |
| 67 | TOWN OF DERRY | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/3/2019 | 57,824 | (90.50) | 119.00 | 28.50 | \$ | 1,647,987 |
| 68 | CITY OF FRANKLIN NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/6/2019 | 44,651 | (90.50) | 116.00 | 25.50 | \$ | 1,138,604 |
| 68 | CITY OF FRANKLIN NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/20/2019 | 47,057 | (90.50) | 102.00 | 11.50 | \$ | 541,161 |
| 69 | TOWN OF GILFORD NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 3,336 | (90.50) | 109.00 | 18.50 | \$ | 61,716 |
| 69 | TOWN OF GILFORD NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 53 | (90.50) | 109.00 | 18.50 | \$ | 981 |
| 70 | TOWN OF GILFORD NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 49 | (90.50) | 109.00 | 18.50 | \$ | 907 |
| 70 | TOWN OF GILFORD NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 47 | (90.50) | 109.00 | 18.50 | \$ | 870 |
| 71 | TOWN OF GILFORD NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 49 | (90.50) | 109.00 | 18.50 | \$ | 907 |
| 71 | TOWN OF GILFORD NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/12/2019 | 67 | (90.50) | 110.00 | 19.50 | \$ | 1,307 |
| 72 | TOWN OF GILFORD NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/12/2019 | 65 | (90.50) | 110.00 | 19.50 | \$ | 1,268 |
| 72 | TOWN OF GILFORD NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/12/2019 | 67 | (90.50) | 110.00 | 19.50 | \$ | 1,307 |
| 73 | TOWN OF GILFORD NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/12/2019 | 70 | (90.50) | 110.00 | 19.50 | \$ | 1,365 |
| 73 | TOWN OF GILFORD NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/12/2019 | 3,954 | (90.50) | 110.00 | 19.50 | \$ | 77,103 |
| 74 | TOWN OF GOFFSTOWN | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/11/2019 | 29,805 | (90.50) | 111.00 | 20.50 | \$ | 611,004 |
| 74 | TOWN OF GOFFSTOWN | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/11/2019 | 2,780 | (90.50) | 111.00 | 20.50 | \$ | 56,985 |
| 75 | TOWN OF GOFFSTOWN | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/3/2019 | 48,006 | (90.50) | 119.00 | 28.50 | \$ | 1,368,168 |
| 75 | TOWN OF GOFFSTOWN | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/3/2019 | - | (90.50) | 119.00 | 28.50 | \$ | - |
| 76 | TOWN OF HOLLIS | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 2,647 | (90.50) | 109.00 | 18.50 | \$ | 48,970 |
| 76 | TOWN OF HOLLIS | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/19/2019 | 2,614 | (90.50) | 133.00 | 42.50 | \$ | 111,095 |
| 77 | TOWN OF HOOKSETT NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 3,009 | (90.50) | 109.00 | 18.50 | \$ | 55,667 |
| 77 | TOWN OF HOOKSETT NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 148,146 | (90.50) | 109.00 | 18.50 | \$ | 2,740,701 |
| 78 | TOWN OF HOOKSETT NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/11/2019 | 139,528 | (90.50) | 111.00 | 20.50 | \$ | 2,860,324 |
| 78 | TOWN OF HOOKSETT NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/11/2019 | 2,834 | (90.50) | 111.00 | 20.50 | \$ | 58,097 |
| 79 | TOWN OF HUDSON NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/6/2019 | 191,528 | (90.50) | 116.00 | 25.50 | \$ | 4,883,967 |

IL-558

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Lead-Lag Study
Property Taxes

| Line | Description | Tax Period Start | Tax Period End | Midpoint of Tax Period | Payment Date | Tax Amount | Days from Midpoint to End of Period | (Lead)/Lag Days | | Total (Lead)/Lag Days | Weighted Dollar-Days | Composite (Lead)/Lag Days |
|------|---|------------------|----------------|------------------------|--------------|------------|-------------------------------------|-------------------------|-----------------------|-----------------------|----------------------|---------------------------|
| | | | | | | | | Payment (Lead)/Lag Days | Total (Lead)/Lag Days | | | |
| 79 | TOWN OF HUDSON NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/6/2019 | 752 | (90.50) | 116.00 | 25.50 | \$ | 19,167 | |
| 80 | TOWN OF HUDSON NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/6/2019 | 788 | (90.50) | 116.00 | 25.50 | \$ | 20,083 | |
| 80 | TOWN OF HUDSON NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/19/2019 | 770 | (90.50) | 133.00 | 42.50 | \$ | 32,727 | |
| 81 | TOWN OF HUDSON NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/19/2019 | 807 | (90.50) | 133.00 | 42.50 | \$ | 34,291 | |
| 81 | TOWN OF HUDSON NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/19/2019 | 179,829 | (90.50) | 133.00 | 42.50 | \$ | 7,642,745 | |
| 82 | CITY OF LACONIA | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 119,581 | (90.50) | 109.00 | 18.50 | \$ | 2,212,249 | |
| 82 | CITY OF LACONIA | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/27/2019 | 134,274 | (90.50) | 95.00 | 4.50 | \$ | 604,233 | |
| 83 | LITCHFIELD TAX COLLECTOR | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/6/2019 | 10,892 | (90.50) | 116.00 | 25.50 | \$ | 277,746 | |
| 83 | LITCHFIELD TAX COLLECTOR | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/19/2019 | 11,171 | (90.50) | 133.00 | 42.50 | \$ | 474,768 | |
| 84 | TOWN OF LONDONDERRY | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/11/2019 | 221,407 | (90.50) | 111.00 | 20.50 | \$ | 4,538,844 | |
| 84 | TOWN OF LONDONDERRY | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/11/2019 | 19,889 | (90.50) | 111.00 | 20.50 | \$ | 407,727 | |
| 85 | TOWN OF LONDONDERRY | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/19/2019 | 232,117 | (90.50) | 133.00 | 42.50 | \$ | 9,864,973 | |
| 85 | TOWN OF LONDONDERRY | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/19/2019 | 19,464 | (90.50) | 133.00 | 42.50 | \$ | 827,229 | |
| 86 | TOWN OF LOUDON NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/21/2019 | 112,584 | (90.50) | 101.00 | 10.50 | \$ | 1,182,132 | |
| 86 | TOWN OF LOUDON NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/11/2019 | 121,342 | (90.50) | 111.00 | 20.50 | \$ | 2,487,511 | |
| 87 | CITY OF MANCHESTER - OFFICE OF TAX COLLECTO | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/21/2019 | 992,725 | (90.50) | 101.00 | 10.50 | \$ | 10,423,609 | |
| 87 | CITY OF MANCHESTER - OFFICE OF TAX COLLECTO | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/21/2019 | 22,843 | (90.50) | 101.00 | 10.50 | \$ | 239,856 | |
| 88 | CITY OF MANCHESTER - OFFICE OF TAX COLLECTO | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/21/2019 | 72 | (90.50) | 101.00 | 10.50 | \$ | 752 | |
| 88 | CITY OF MANCHESTER - OFFICE OF TAX COLLECTO | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/21/2019 | 310 | (90.50) | 101.00 | 10.50 | \$ | 3,255 | |
| 89 | CITY OF MANCHESTER - OFFICE OF TAX COLLECTO | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/30/2019 | 529 | (90.50) | 92.00 | 1.50 | \$ | 794 | |
| 89 | CITY OF MANCHESTER - OFFICE OF TAX COLLECTO | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/20/2019 | 1,031,464 | (90.50) | 102.00 | 11.50 | \$ | 11,861,838 | |
| 90 | CITY OF MANCHESTER - OFFICE OF TAX COLLECTO | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/20/2019 | 24,254 | (90.50) | 102.00 | 11.50 | \$ | 278,919 | |
| 90 | CITY OF MANCHESTER - OFFICE OF TAX COLLECTO | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/20/2019 | 76 | (90.50) | 102.00 | 11.50 | \$ | 875 | |
| 91 | CITY OF MANCHESTER - OFFICE OF TAX COLLECTO | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/20/2019 | 329 | (90.50) | 102.00 | 11.50 | \$ | 3,785 | |
| 91 | CITY OF MANCHESTER - OFFICE OF TAX COLLECTO | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/20/2019 | 562 | (90.50) | 102.00 | 11.50 | \$ | 6,461 | |
| 92 | CITY OF MANCHESTER - OFFICE OF TAX COLLECTO | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/20/2019 | 839 | (90.50) | 102.00 | 11.50 | \$ | 9,651 | |
| 92 | TOWN OF MERRIMACK NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/21/2019 | 180,814 | (90.50) | 101.00 | 10.50 | \$ | 1,898,547 | |
| 93 | TOWN OF MERRIMACK NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/19/2019 | 180,650 | (90.50) | 133.00 | 42.50 | \$ | 7,677,625 | |
| 93 | TOWN OF MILFORD | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 56,819 | (90.50) | 109.00 | 18.50 | \$ | 1,051,148 | |
| 94 | TOWN OF MILFORD | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/13/2019 | 884 | (90.50) | 109.00 | 18.50 | \$ | 16,359 | |
| 94 | TOWN OF MILFORD | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/19/2019 | 63,292 | (90.50) | 133.00 | 42.50 | \$ | 2,689,921 | |
| 95 | TOWN OF MILFORD | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/19/2019 | 690 | (90.50) | 133.00 | 42.50 | \$ | 29,341 | |
| 95 | CITY OF NASHUA NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/6/2019 | 1,122,729 | (90.50) | 116.00 | 25.50 | \$ | 28,629,588 | |
| 96 | CITY OF NASHUA NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/6/2019 | 139 | (90.50) | 116.00 | 25.50 | \$ | 3,540 | |
| 96 | CITY OF NASHUA NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/6/2019 | 88 | (90.50) | 116.00 | 25.50 | \$ | 2,246 | |
| 97 | CITY OF NASHUA NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/6/2019 | 2,676 | (90.50) | 116.00 | 25.50 | \$ | 68,243 | |
| 97 | CITY OF NASHUA NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/6/2019 | 62,561 | (90.50) | 116.00 | 25.50 | \$ | 1,595,306 | |
| 98 | CITY OF NASHUA NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/29/2019 | 26,914 | (90.50) | 123.00 | 32.50 | \$ | 874,702 | |
| 98 | CITY OF NASHUA NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/29/2019 | 2,681 | (90.50) | 123.00 | 32.50 | \$ | 87,127 | |
| 99 | CITY OF NASHUA NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/29/2019 | 1,037,077 | (90.50) | 123.00 | 32.50 | \$ | 33,705,014 | |
| 99 | CITY OF NASHUA NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/29/2019 | 146 | (90.50) | 123.00 | 32.50 | \$ | 4,739 | |
| 100 | CITY OF NASHUA NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/11/2019 | 93 | (90.50) | 111.00 | 20.50 | \$ | 1,896 | |
| 100 | STATE OF NH - DEPARTMENT OF REVENUE | 1/1/2019 | 3/31/2019 | 2/15/2019 | 3/27/2019 | 605,067 | (44.00) | 4.00 | (40.00) | \$ | (24,202,670) | |
| 101 | STATE OF NH - DEPARTMENT OF REVENUE | 4/1/2019 | 6/30/2019 | 5/16/2019 | 6/6/2019 | 605,067 | (44.50) | 24.00 | (20.50) | \$ | (12,403,868) | |
| 101 | STATE OF NH - DEPARTMENT OF REVENUE | 7/1/2019 | 9/30/2019 | 8/16/2019 | 9/5/2019 | 605,067 | (45.00) | 25.00 | (20.00) | \$ | (12,101,335) | |
| 102 | STATE OF NH - DEPARTMENT OF REVENUE | 10/1/2019 | 12/31/2019 | 11/16/2019 | 11/27/2019 | 605,067 | (45.00) | 34.00 | (11.00) | \$ | (6,655,734) | |
| 102 | STATE OF NH - DEPARTMENT OF REVENUE | 1/1/2019 | 12/31/2019 | 7/2/2019 | 12/31/2019 | 230,708 | (181.50) | - | (181.50) | \$ | (41,873,502) | |
| 103 | TOWN OF NORTHFIELD - TAX | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/11/2019 | 33,990 | (90.50) | 111.00 | 20.50 | \$ | 696,795 | |
| 103 | TOWN OF NORTHFIELD - TAX | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/19/2019 | 35,226 | (90.50) | 133.00 | 42.50 | \$ | 1,497,105 | |
| 104 | TOWN OF PEMBROKE | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/11/2019 | 67,304 | (90.50) | 111.00 | 20.50 | \$ | 1,379,732 | |
| 104 | TOWN OF PEMBROKE | 10/1/2019 | 3/31/2020 | 12/31/2019 | 11/19/2019 | 51,160 | (90.50) | 133.00 | 42.50 | \$ | 2,174,300 | |

IL-559

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Lead-Lag Study
Property Taxes

| Line | Description | Tax Period | | Midpoint of Tax | | Tax Amount | Days from Midpoint to End of Period | (Lead)/Lag Days Payment (Lead)/Lag Days | Total (Lead)/Lag Days | Weighted Dollar- Days | Composite (Lead)/Lag Days |
|------|------------------------------------|------------|-----------|-----------------|--------------|------------|---|--|-----------------------------|--------------------------|---------------------------------|
| | | Start | End | Period | Payment Date | | | | | | |
| 105 | TOWN OF SANBORNTON - TAX COLLECTOR | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/21/2019 | 1,156 | (90.50) | 101.00 | 10.50 | \$ | 12,138 |
| 105 | TOWN OF SANBORNTON - TAX COLLECTOR | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/27/2019 | 1,969 | (90.50) | 95.00 | 4.50 | \$ | 8,861 |
| 106 | TOWN OF TILTON, NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/6/2019 | 108,282 | (90.50) | 116.00 | 25.50 | \$ | 2,761,191 |
| 106 | TOWN OF TILTON, NH | 4/1/2019 | 9/30/2019 | 7/1/2019 | 6/6/2019 | 11,615 | (90.50) | 116.00 | 25.50 | \$ | 296,183 |
| 107 | TOWN OF TILTON, NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/3/2019 | 110,104 | (90.50) | 119.00 | 28.50 | \$ | 3,137,964 |
| 107 | TOWN OF TILTON, NH | 10/1/2019 | 3/31/2020 | 12/31/2019 | 12/11/2019 | 13,102 | (90.50) | 111.00 | 20.50 | \$ | 268,591 |

Combined Trial Balance Energy North and Keene January 2019 thru Dec 2019

| Account | 3 digit Account | Description | Beginning Balance | Debit | Credit | Net Change | Ending Balance |
|--------------------------|-----------------|--|-------------------|-------------|-------------|-------------|----------------|
| 8840-2-0000-10-1010-1300 | 130 | Cash In Hand | \$ 10,342 | \$ 198,475 | \$ 186,605 | \$ 11,870 | \$ 22,212 |
| 8840-2-0000-10-1010-1350 | 135 | Working Funds | - | - | - | - | - |
| 8840-2-0000-10-1020-1310 | 131 | Cash - JP Morgan | (7,104) | 630,830,538 | 630,345,490 | 485,048 | 477,944 |
| 8840-2-0000-10-1020-1311 | 131 | Cash - Wells Fargo | - | - | - | - | - |
| 8840-2-0000-10-1020-1312 | 131 | Cash - JP Morgan- Customer Refunds | (250,390) | 1,025,540 | 1,083,059 | (57,519) | (307,909) |
| 8840-2-0000-10-1020-1313 | 131 | Cash Receipts Misc AR | - | 54 | 54 | - | - |
| 8840-2-0000-10-1101-1420 | 142 | Customer Accounts Receivable | 20,684,188 | 208,073,751 | 210,546,402 | (2,472,652) | 18,211,536 |
| 8840-2-0000-10-1101-1421 | 142 | Customer AR-Misc Billing | 735,498 | 4,921,249 | 5,531,324 | (610,075) | 125,423 |
| 8840-2-0000-10-1101-1425 | 142 | A/R - CRIS | - | - | - | - | - |
| 8840-2-0000-10-1101-1427 | 142 | A/R-Cogsdale clearing | (791) | 650,795 | 650,005 | 791 | - |
| 8840-2-0000-10-1102-1440 | 144 | Accum Prov Uncollectable Accounts | (2,037,148) | 3,436,802 | 3,423,732 | 13,070 | (2,024,078) |
| 8840-2-0000-10-1103-1422 | 142 | Deferred Billing | - | - | - | - | - |
| 8840-2-0000-10-1103-1424 | 142 | Deferred Working Capital - off - Peak | - | - | - | - | - |
| 8840-2-0000-10-1121-1460 | 146 | AR Associated Company | 22,451 | 283,488 | 295,314 | (11,826) | 10,625 |
| 8840-2-0000-10-1160-1430 | 143 | Other Accounts Receivable | 71,033 | 1,633 | 30,560 | (28,928) | 42,105 |
| 8840-2-0000-10-1160-1439 | 143 | Other Accounts Receivable - Special Contracts | 56,483 | 21,083 | 9,287 | 11,796 | 68,279 |
| 8840-2-0000-10-1161-1430 | 143 | Due from Vendor | - | - | - | - | - |
| 8840-2-0000-10-1162-1730 | 173 | Accrued Utility Revenue | 17,850,333 | 114,570,178 | 115,234,146 | (663,967) | 17,186,366 |
| 8840-2-0000-10-1163-1422 | 142 | Deferred Working Capital - Winter | 1,314 | 238,924 | 282,962 | (44,038) | (42,724) |
| 8840-2-0000-10-1163-1424 | 142 | Deferred Working Capital - Summer | - | 76,099 | 99,027 | (22,928) | (22,928) |
| 8840-2-0000-10-1163-1430 | 143 | Income Tax Receivable | (26,817) | 480,000 | 225,931 | 254,069 | 227,252 |
| 8840-2-0000-10-1163-1750 | 175 | R/A-LDAC Costs | - | - | - | - | - |
| 8840-2-0000-10-1163-1751 | 175 | Deferred Energy Efficiency | - | - | - | - | - |
| 8840-2-0000-10-1163-1752 | 175 | R/A-CGAC Costs - Off Peak | - | - | - | - | - |
| 8840-2-0000-10-1163-1754 | 175 | Deferred Bad Debt - Summer | - | 1,138,280 | 1,565,057 | (426,777) | (426,777) |
| 8840-2-0000-10-1163-1755 | 175 | Deferred Reserve EE | - | 13,362,520 | 13,223,020 | 139,499 | 139,499 |
| 8840-2-0000-10-1163-1756 | 175 | Lost Revenue Energy Efficiency Mechanism | 109,861 | 110,843 | 208,141 | (97,298) | 12,563 |
| 8840-2-0000-10-1163-1757 | 175 | Deferred NHDAS Special Contract | 1,404,588 | 32,662 | - | 32,662 | 1,437,250 |
| 8840-2-0000-10-1168-1420 | 142 | Phased in Revenue | 775,815 | 45,660 | 798,558 | (752,898) | 22,917 |
| 8840-2-0000-10-1168-1821 | 182 | Current Regulatory Asset - Special Audit | 137,321 | - | 137,321 | (137,321) | (0) |
| 8840-2-0000-10-1168-1823 | 182 | Deferral Decoupling Asset | - | 990,350 | 1,123 | 989,228 | 989,228 |
| 8840-2-0000-10-1169-1756 | 175 | Deferred RLIAF | 461,166 | 2,335,124 | 2,424,414 | (89,290) | 371,876 |
| 8840-2-0000-10-1169-1828 | 182 | Deferral Decoupling Asset | - | - | - | - | - |
| 8840-2-0000-10-1220-1750 | 175 | Current Portion Derivative Asset | - | - | - | - | - |
| 8840-2-0000-10-1230-1903 | 190 | Accum Def Inc Taxes Asset (Current) | - | - | - | - | - |
| 8840-2-0000-10-1240-1650 | 165 | Prepays | 96,111 | 1,678,953 | 1,649,300 | 29,653 | 125,764 |
| 8840-2-0000-10-1240-1653 | 165 | Prepaid Taxes-Mun-Property-Oper | 5,123,545 | 12,347,858 | 12,633,531 | (285,672) | 4,837,872 |
| 8840-2-0000-10-1250-1840 | 184 | Misc Billing Clearing | (36,941) | 1,419,985 | 1,653,197 | (233,212) | (270,153) |
| 8840-2-0000-10-1251-1843 | 184 | Transp Exp-DR-Clearing Only | (899) | 891,016 | 890,117 | 899 | - |
| 8840-2-0000-10-1251-1849 | 184 | Operating Clearing | - | - | - | - | - |
| 8840-2-0000-10-1310-2603 | 260 | Due from Liberty Utilities Co | - | - | - | - | - |
| 8840-2-0000-10-1310-2655 | 265 | Due from Keene | - | - | - | - | - |
| 8840-2-0000-10-1380-1540 | 154 | Plant Materials and Operating Supplies | 5,198,305 | 4,509,249 | 3,827,439 | 681,811 | 5,880,115 |
| 8840-2-0000-10-1380-1630 | 163 | Stores Expense Undistributed | - | 2,824,473 | 2,824,473 | - | - |
| 8840-2-0000-10-1380-1631 | 163 | Stores Clearing Db Bill Pool | - | - | - | - | - |
| 8840-2-0000-10-1380-1640 | 164 | Gas Stored Underground-Current | 4,000,251 | 3,704,306 | 4,300,694 | (596,388) | 3,403,863 |
| 8840-2-0000-10-1380-1641 | 164 | Fuel Stock - Propane | 1,327,800 | 208,911 | 368,176 | (159,265) | 1,168,535 |
| 8840-2-0000-10-1380-1642 | 164 | Storage-Liquefied Nat Gas | 67,506 | 73,295 | 96,232 | (22,936) | 44,570 |
| 8840-2-0000-10-1510-1231 | 123 | Investment in Subsidiary Companies | - | - | - | - | - |
| 8840-2-0000-10-1545-4554 | 455 | Interco Investment APIC - NH Gas Keene | 3,047,227 | - | - | - | 3,047,227 |
| 8840-2-0000-10-1610-1050 | 105 | Plant Held For Future Use | 433,920 | - | - | - | 433,920 |
| 8840-2-0000-10-1610-1210 | 121 | OPI-Land Retained | 13,665 | - | - | - | 13,665 |
| 8840-2-0000-10-1610-3040 | 304 | Manufactured Gas Land & Land Rights | - | 97,504 | - | 97,504 | 97,504 |
| 8840-2-0000-10-1610-3641 | 364 | LNG Processing Land & Land Rights | - | 57,315 | - | 57,315 | 57,315 |
| 8840-2-0000-10-1610-3740 | 374 | Distribution Land & Land Rights | - | 159,972 | - | 159,972 | 159,972 |
| 8840-2-0000-10-1610-3890 | 389 | Land and Land Rights | 16,806 | 104,683 | - | 104,683 | 121,489 |
| 8840-2-0000-10-1615-1010 | 101 | Plant in Service | - | - | - | - | - |
| 8840-2-0000-10-1615-1012 | 101 | Plant in Service - ARO | - | - | - | - | - |
| 8840-2-0000-10-1615-1060 | 106 | Plant in Service-not classified | 35,898,389 | 537,851,545 | 528,152,818 | 9,698,726 | 45,597,115 |
| 8840-2-0000-10-1615-1141 | 114 | Goodwill KeySpan | - | - | - | - | - |
| 8840-2-0000-10-1615-1211 | 121 | OPI-Structures Retained | 133,284 | - | - | - | 133,284 |
| 8840-2-0000-10-1615-1830 | 183 | Preliminary Survey & Investigation Charges | 6,442,820 | 9,258,597 | 12,990,950 | (3,732,352) | 2,710,468 |
| 8840-2-0000-10-1615-3020 | 302 | Franchise and Consents | 250,950 | - | - | - | 250,950 |
| 8840-2-0000-10-1615-3040 | 304 | PRD-Land & Land Rights | 419,475 | - | 419,475 | (419,475) | - |
| 8840-2-0000-10-1615-3050 | 305 | PRD-Structures&Improvements | 1,982,425 | 31,947 | 449 | 31,498 | 2,013,923 |
| 8840-2-0000-10-1615-3110 | 311 | PRD-Structures&Improvements | 258,481 | - | - | - | 258,481 |
| 8840-2-0000-10-1615-3190 | 319 | PRD-Gas Mixing Equipment | - | 27,425 | - | 27,425 | 27,425 |
| 8840-2-0000-10-1615-3200 | 320 | PRD-PROD Other Equipment | 2,649,422 | - | - | - | 2,649,422 |
| 8840-2-0000-10-1615-3201 | 320 | PRD-PROD-OTHER EQUIP | 8,777,306 | - | 20,750 | (20,750) | 8,756,555 |
| 8840-2-0000-10-1615-3390 | 339 | PRD-ARO | - | - | - | - | - |
| 8840-2-0000-10-1615-3610 | 361 | Structures and Improvements | 96,980 | - | - | - | 96,980 |
| 8840-2-0000-10-1615-3620 | 362 | Gas Holders | - | - | - | - | - |
| 8840-2-0000-10-1615-3635 | 363 | Other equipment | 7,646 | - | - | - | 7,646 |
| 8840-2-0000-10-1615-3642 | 364 | LNG Structures and Improvements | - | - | - | - | - |
| 8840-2-0000-10-1615-3643 | 364 | LNG Processing Terminal Equipment | - | - | - | - | - |
| 8840-2-0000-10-1615-3648 | 364 | LNG Other Equipment | - | - | - | - | - |
| 8840-2-0000-10-1615-3650 | 365 | Land & Land Rights | 197,931 | - | - | - | 197,931 |
| 8840-2-0000-10-1615-3662 | 366 | T&D-STRUCT-IMPROV-M&R STA | 252,675 | - | - | - | 252,675 |
| 8840-2-0000-10-1615-3663 | 366 | T&D-STRUCT-IMPROV-OTHER | 353,851 | - | - | - | 353,851 |
| 8840-2-0000-10-1615-3670 | 367 | T&D-Mains-STL-PLST-CI-Mixed | 240,808,196 | 160,969 | 1,291,804 | (1,130,835) | 239,677,361 |
| 8840-2-0000-10-1615-3690 | 369 | T&D-M&R Station Equipment | 4,935,264 | - | - | - | 4,935,264 |
| 8840-2-0000-10-1615-3720 | 372 | Transmission-ARO | - | - | - | - | - |
| 8840-2-0000-10-1615-3740 | 374 | Dist-Land and land rights | - | - | - | - | - |
| 8840-2-0000-10-1615-3750 | 375 | Dist-Structures and improvements | - | 1,590,024 | - | 1,590,024 | 1,590,024 |
| 8840-2-0000-10-1615-3760 | 376 | Dist-Mains | 27,889,688 | 31,298,404 | 218,073 | 31,080,330 | 58,970,019 |
| 8840-2-0000-10-1615-3770 | 377 | Dist-Compressor station equipment | - | 2,246,186 | - | 2,246,186 | 2,246,186 |
| 8840-2-0000-10-1615-3780 | 378 | Dist-Measuring and regulating station equipment-Ge | 329,576 | 966,461 | - | 966,461 | 1,296,036 |
| 8840-2-0000-10-1615-3790 | 379 | Dist-Measuring and regulating station equipment-Ci | - | 3,420,142 | - | 3,420,142 | 3,420,142 |
| 8840-2-0000-10-1615-3800 | 380 | Services | 159,501,793 | 11,904,985 | 1,178,690 | 10,726,295 | 170,228,087 |
| 8840-2-0000-10-1615-3801 | 380 | Services - Stub | 847,855 | 163,492 | 33,279 | 130,213 | 978,068 |
| 8840-2-0000-10-1615-3810 | 381 | Meters | 13,348,159 | 96,785 | 304,284 | (207,499) | 13,140,660 |
| 8840-2-0000-10-1615-3811 | 381 | T&D-GAS METERS - INSTRUMENT | 196,477 | - | - | - | 196,477 |
| 8840-2-0000-10-1615-3812 | 381 | T&D-GAS METERS - ERSTS | 5,972,352 | 83,222 | 111,023 | (27,801) | 5,944,551 |
| 8840-2-0000-10-1615-3820 | 382 | Meters Installations | 18,597,177 | - | - | - | 18,597,177 |
| 8840-2-0000-10-1615-3850 | 385 | Indust meas and reg station equip | - | 53,375 | - | 53,375 | 53,375 |
| 8840-2-0000-10-1615-3870 | 387 | Other Equipment | 943,674 | 29,767 | 5,332 | 24,435 | 968,109 |
| 8840-2-0000-10-1615-3880 | 388 | Distribution-ARO | - | - | - | - | - |
| 8840-2-0000-10-1615-3900 | 390 | General Structures & Improvmt | 17,980,083 | 3,576,936 | 1,134,953 | 2,441,983 | 20,422,066 |
| 8840-2-0000-10-1615-3901 | 390 | GEN-Lease Structure Improvements | - | - | - | - | - |
| 8840-2-0000-10-1615-3902 | 390 | GEN-Lease Structure Improvements | - | - | - | - | - |
| 8840-2-0000-10-1615-3903 | 390 | GEN-Lease Structure Improvements | - | - | - | - | - |

| | | | | | | | |
|--------------------------|-----|--|---------------|-------------|-------------|--------------|---------------|
| 8840-2-0000-10-1615-3904 | 390 | GEN-Lease Structure Improvements | - | - | - | - | - |
| 8840-2-0000-10-1615-3905 | 390 | GEN-Lease Structure Improvements | - | - | - | - | - |
| 8840-2-0000-10-1615-3910 | 391 | Office Furniture & Improvement | 326,594 | 247,515 | 71,217 | 176,299 | 502,893 |
| 8840-2-0000-10-1615-3911 | 391 | GEN-OFFICE EQUIPT-COMPUTERS | 846,215 | - | - | - | 846,215 |
| 8840-2-0000-10-1615-3912 | 391 | GEN-LAPTOP COMPUTERS | 794,523 | 44,256 | - | 44,256 | 838,779 |
| 8840-2-0000-10-1615-3920 | 392 | Transportation Equipment | 5,380,959 | 1,102,627 | - | 1,102,627 | 6,483,586 |
| 8840-2-0000-10-1615-3921 | 392 | Transportation Equip<12,000 LB | - | - | - | - | - |
| 8840-2-0000-10-1615-3930 | 393 | Stores Equipment | 99,421 | - | - | - | 99,421 |
| 8840-2-0000-10-1615-3940 | 394 | Tools, Shop, and Garage Equipment | 927,512 | 2,173,384 | 73,835 | 2,099,550 | 3,027,062 |
| 8840-2-0000-10-1615-3941 | 394 | Tools Shop Equip-CNG ST | 221,199 | - | - | - | 221,199 |
| 8840-2-0000-10-1615-3960 | 396 | Power Operated Equipment | 220,164 | 215,102 | - | 215,102 | 435,267 |
| 8840-2-0000-10-1615-3961 | 396 | GEN-POWER OP EQPT>=12,000 LB | 177,393 | - | - | - | 177,393 |
| 8840-2-0000-10-1615-3970 | 397 | Communications Equipment | 464,699 | 237,783 | 72,292 | 165,492 | 630,191 |
| 8840-2-0000-10-1615-3980 | 398 | Misc. Equipment | 463,709 | - | - | - | 463,709 |
| 8840-2-0000-10-1618-1012 | 101 | Right-of-use asset | - | 900,902 | 134,934 | 765,968 | 765,968 |
| 8840-2-0000-10-1618-1070 | 107 | Construction Work In Progress | 19,058,970 | 671,454,579 | 669,082,770 | 2,371,809 | 21,430,779 |
| 8840-2-0000-10-1618-1071 | 107 | Capital Accrual CWIP-Additions | - | - | - | - | - |
| 8840-2-0000-10-1618-1072 | 107 | Construction Work-in-Process Clearing | - | - | - | - | - |
| 8840-2-0000-10-1647-3030 | 303 | Misc. Intangible Plant | 16,067,212 | 892,288 | - | 892,288 | 16,959,500 |
| 8840-2-0000-10-1655-1080 | 108 | Accum Prov for Depn of Utility Plant | (177,548,117) | 61,554,547 | 30,897,733 | 30,656,814 | (146,891,303) |
| 8840-2-0000-10-1655-1081 | 108 | RWIP Reclass | - | 51,723 | 51,723 | - | - |
| 8840-2-0000-10-1655-1082 | 108 | RWIP Salvage | (114,195) | 115,531 | 1,336 | 114,195 | - |
| 8840-2-0000-10-1655-1084 | 108 | Accum dep cost of removal | 43,225,521 | 3,404,707 | 77,327,099 | (73,922,392) | (30,696,871) |
| 8840-2-0000-10-1655-1087 | 108 | Excess Accum Depreciation | - | - | - | - | - |
| 8840-2-0000-10-1655-1100 | 110 | Accum Prov for Amort of Utility Plant (nomna | - | - | - | - | - |
| 8840-2-0000-10-1655-1110 | 111 | Accum Prov for Amort of Utility Plant | (9,733,830) | 358,902 | 3,755,075 | (3,396,173) | (13,130,003) |
| 8840-2-0000-10-1655-1220 | 122 | Accum Depr Non Utility Property | (133,284) | - | - | - | (133,284) |
| 8840-2-0000-10-1800-1903 | 190 | Accum Def Inc Taxes Asset long term | - | - | - | - | - |
| 8840-2-0000-10-1800-1905 | 190 | ADFIT-Bad Debt Reserve | - | - | - | - | - |
| 8840-2-0000-10-1800-1906 | 190 | ADFIT-Unbilled Revenue | - | - | - | - | - |
| 8840-2-0000-10-1800-1907 | 190 | ADFIT-Pension Liability | - | - | - | - | - |
| 8840-2-0000-10-1800-1908 | 190 | ADFIT-Reserve-Environmental | - | - | - | - | - |
| 8840-2-0000-10-1800-1909 | 190 | ADFIT-Deferred Compensation | - | - | - | - | - |
| 8840-2-0000-10-1801-1900 | 190 | ADFIT-Other | - | - | - | - | - |
| 8840-2-0000-10-1801-1901 | 190 | ADFIT-OPEB Liability | - | - | - | - | - |
| 8840-2-0000-10-1801-1903 | 190 | ADFIT-Accrued Interest | - | - | - | - | - |
| 8840-2-0000-10-1801-1906 | 190 | ADSIT-FAS 109 | - | - | - | - | - |
| 8840-2-0000-10-1802-1909 | 190 | ADFIT-OCI-Investments | - | - | - | - | - |
| 8840-2-0000-10-1803-1901 | 190 | ADIT-FIT on SIT-OCI | - | - | - | - | - |
| 8840-2-0000-10-1803-1902 | 190 | ADFIT-Reserve-State FIN 48 | - | - | - | - | - |
| 8840-2-0000-10-1803-1904 | 190 | ADFIT-Employee Comp & Benefits | - | - | - | - | - |
| 8840-2-0000-10-1803-1905 | 190 | ADFIT-Reg Liability-Other | - | - | - | - | - |
| 8840-2-0000-10-1803-1906 | 190 | ADFIT-Reserves-Other | - | - | - | - | - |
| 8840-2-0000-10-1910-1141 | 114 | Goodwill | 28,151,896 | - | - | - | 28,151,896 |
| 8840-2-0000-10-1920-1430 | 143 | Other Long Term Asset | 587,372 | 82,453 | 10,025 | 72,428 | 659,799 |
| 8840-2-0000-10-1920-1740 | 174 | R/A - COG Costs - Winter | - | 106,322,390 | 109,815,363 | (3,492,973) | (3,492,973) |
| 8840-2-0000-10-1920-1741 | 174 | R/A - COG Costs - Summer | 4,115,786 | 20,095,965 | 21,157,510 | (1,061,545) | 3,054,241 |
| 8840-2-0000-10-1920-1743 | 174 | Deferred Bad Debt - Winter | - | 2,138,459 | 2,478,288 | (339,809) | (339,809) |
| 8840-2-0000-10-1920-1744 | 174 | Deferred Gas Cost-Unbundling | - | - | - | - | - |
| 8840-2-0000-10-1920-1760 | 176 | Derivative instrument assets-Hedges | - | - | - | - | - |
| 8840-2-0000-10-1920-1860 | 186 | Misc Deferred Debits | 3,292,099 | 4,532 | 246,149 | (241,616) | 3,050,483 |
| 8840-2-0000-10-1920-1863 | 186 | R/A-Environmental-Materials | 23,219,828 | 78,394,925 | 93,412,544 | (15,017,619) | 8,202,209 |
| 8840-2-0000-10-1920-1864 | 186 | R/A-Environmental-Purch Gas | 21,190,670 | 73,107,120 | 59,871,500 | 13,235,620 | 34,426,290 |
| 8840-2-0000-10-1920-1865 | 186 | Deferred Debit LCIRP | - | 5,186 | 5,186 | - | - |
| 8840-2-0000-10-1920-1869 | 186 | Deferred Charges - DDE | - | - | - | - | - |
| 8840-2-0000-10-1929-1822 | 182 | Derivative MTM Reg Asset | - | - | - | - | - |
| 8840-2-0000-10-1929-1824 | 182 | Deriv-Gas Contract-RegAsset | - | - | - | - | - |
| 8840-2-0000-10-1929-1825 | 182 | Interest on Def Reg Assets | - | - | - | - | - |
| 8840-2-0000-10-1929-1826 | 182 | Reg asset other Pension related | - | - | - | - | - |
| 8840-2-0000-10-1929-1827 | 182 | FAS158-OPEB | - | - | - | - | - |
| 8840-2-0000-10-1929-1828 | 182 | OPEB Expense Deferred-Gas | - | - | - | - | - |
| 8840-2-0000-10-1929-1863 | 186 | Regulatory Assets - FAS 109 | 425,019 | - | 246,392 | (246,392) | 178,627 |
| 8840-2-0000-10-1930-1420 | 142 | Phased in Revenue - Long Term | 75,581 | 59,819 | 135,399 | (75,579) | 2 |
| 8840-2-0000-10-1930-1745 | 174 | Rate Case Recovery | 547,874 | 1,195,357 | 1,329,363 | (134,006) | 413,869 |
| 8840-2-0000-10-1930-1823 | 182 | Other Regulatory Asset - Deferred Rate Case | 1,825,881 | 229,072 | 2,054,953 | (1,825,881) | - |
| 8840-2-0000-10-1930-1824 | 182 | R/A Deferred Tilton Remediation | 97,480 | - | 41,777 | (41,777) | 55,703 |
| 8840-2-0000-10-1930-1826 | 182 | FAS 158 - Pension | 20,255,300 | - | 2,055,680 | (2,055,680) | 18,199,620 |
| 8840-2-0000-10-1930-1827 | 182 | Asset Ret Oblig Reg Asset | - | - | - | - | - |
| 8840-2-0000-10-1930-1828 | 182 | NEG & KeySpan CTA | 304,617 | 8,753 | 265,173 | (256,420) | 48,197 |
| 8840-2-0000-10-1930-2830 | 283 | Accum Def Inc Taxes-Other Reg Asset | 725,775 | 243,267 | 375,813 | (132,546) | 593,229 |
| 8840-2-0000-10-1930-2831 | 283 | Regulatory Assets Tax- Income taxes | - | - | - | - | - |
| 8840-2-0000-10-1934-1823 | 182 | Concord Steam Client Conversion | - | 1,505,657 | - | 1,505,657 | 1,505,657 |
| 8840-2-0000-10-1936-1000 | 100 | Deferred Financing - Intercompany | 409,649 | - | 29,356 | (29,356) | 380,293 |
| 8840-2-0000-20-2002-2320 | 232 | A/P-Customer Refunds | (1,660) | 2,163,995 | 2,162,472 | 1,524 | (136) |
| 8840-2-0000-20-2002-2321 | 232 | A/P-Audited Vouchers | - | - | - | - | - |
| 8840-2-0000-20-2002-2326 | 232 | A/P-Misc Employee Withholding | - | - | - | - | - |
| 8840-2-0000-20-2002-2328 | 232 | A/P-Unpaid Invoice Accrual | - | - | - | - | - |
| 8840-2-0000-20-2002-2329 | 232 | A/P Gas Purchases | - | - | - | - | - |
| 8840-2-0000-20-2041-2340 | 234 | Accts Payable to Assoc Co's | - | - | - | - | - |
| 8840-2-0000-20-2110-2282 | 228 | Current Portion-Misc Operating Reserves | (1,463,593) | 149,846 | 990,919 | (841,073) | (2,304,665) |
| 8840-2-0000-20-2110-2420 | 242 | Misc Accrued Liabilities | (17,568) | 1,813,140 | 2,053,572 | (240,432) | (258,000) |
| 8840-2-0000-20-2110-2425 | 242 | Gas/Power Purchases Accrual | (10,934,213) | 63,563,969 | 59,690,889 | 3,873,080 | (7,061,133) |
| 8840-2-0000-20-2110-2429 | 242 | Short Term OPEB obligation accrual | (279,529) | - | 156,794 | (156,794) | (436,323) |
| 8840-2-0000-20-2111-2420 | 242 | Unapplied payments | (1,362,503) | 18,708,172 | 19,076,279 | (368,106) | (1,730,609) |
| 8840-2-0000-20-2111-2421 | 242 | Unpaid Invoice Accrual | - | - | - | - | - |
| 8840-2-0000-20-2111-2422 | 242 | Accrued Escheatment Liability | (13,243) | 58,087 | 75 | 58,013 | 44,770 |
| 8840-2-0000-20-2113-2350 | 235 | Customer Deposits | (2,978,242) | 2,475,998 | 2,552,033 | (76,035) | (3,054,276) |
| 8840-2-0000-20-2115-2420 | 242 | Due to Vendor | - | - | - | - | - |
| 8840-2-0000-20-2116-2370 | 237 | Interest Accrued | - | 143,791 | 143,791 | - | - |
| 8840-2-0000-20-2116-2372 | 237 | Int Accr-Customer Deposits | - | - | - | - | - |
| 8840-2-0000-20-2116-2374 | 237 | Int Accr-Tax | - | - | - | - | - |
| 8840-2-0000-20-2124-2420 | 242 | Accrued cost of removal | (31,401,563) | 36,014,663 | 4,613,100 | 31,401,563 | - |
| 8840-2-0000-20-2130-2420 | 242 | Payroll Accrual | - | - | - | - | - |
| 8840-2-0000-20-2141-2425 | 242 | On Bill Financing - Energy Efficiency | - | 31,517 | 901,872 | (870,354) | (870,354) |
| 8840-2-0000-20-2141-2426 | 242 | Curr&Accr Liab-Payroll | - | - | - | - | - |
| 8840-2-0000-20-2141-2428 | 242 | Curr&Accr Liab-Vac Accrual | - | - | - | - | - |
| 8840-2-0000-20-2141-2429 | 242 | Curr&Accr Liab-NGUSA Goals | - | - | - | - | - |
| 8840-2-0000-20-2142-1740 | 174 | Current Reg Liability Deferred Gas Cost | (2,034,949) | 4,326,439 | 2,291,490 | 2,034,949 | - |
| 8840-2-0000-20-2142-1745 | 174 | Current Reg Liability Deferred Rate Case Cost | - | - | - | - | - |
| 8840-2-0000-20-2142-1754 | 175 | Current Reg Liability Deferred Resi Adjustment | - | - | - | - | - |
| 8840-2-0000-20-2142-1755 | 175 | Current Reg Liability Deferred EE | (1,658,118) | 5,655,280 | 3,997,163 | 1,658,118 | - |
| 8840-2-0000-20-2142-1756 | 175 | Current Reg Liability Deferred Resi Adjustment | - | - | - | - | - |
| 8840-2-0000-20-2142-2830 | 283 | Excess ADIT Regulatory Liability - Short Term | (314,773) | - | - | - | (314,773) |

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|--------------------------|-----|--|---------------|-------------|-------------|--------------|---------------|
| 8840-2-0000-20-2170-2603 | 260 | I/C Interest Payable - LU CO. | (2,937,096) | 7,049,029 | 7,049,029 | 0 | (2,937,095) |
| 8840-2-0000-20-2530-2364 | 236 | Tx Accr-Municipal Property | - | 752,980 | 752,980 | - | - |
| 8840-2-0000-20-2530-2366 | 236 | Tx Accr-FICA Company Portion | - | - | - | - | - |
| 8840-2-0000-20-2530-2368 | 236 | Tx Accr-Mass Medical | - | - | - | - | - |
| 8840-2-0000-20-2530-2369 | 236 | Tx Accr-Misc | - | - | - | - | - |
| 8840-2-0000-20-2531-2360 | 236 | Accrued Self-assessed Sales Taxes Payable | - | - | - | - | - |
| 8840-2-0000-20-2550-2411 | 241 | Tx Coll Pay FICA | - | - | - | - | - |
| 8840-2-0000-20-2550-2415 | 241 | Tx Coll Pay-St Inc Withholding | - | - | - | - | - |
| 8840-2-0000-20-2730-2830 | 283 | Accum Def Inc Taxes Liability-Current | - | - | - | - | - |
| 8840-2-0000-20-2740-2450 | 245 | Commodity Settlement Pay <1Yr | - | - | - | - | - |
| 8840-2-0000-20-2750-2431 | 243 | Lease liability-Short Term | - | 1,877 | 364,040 | (362,164) | (362,164) |
| 8840-2-0000-20-2760-2530 | 253 | Other Deferred Credits | - | - | - | - | - |
| 8840-2-0000-20-2760-2534 | 253 | Def Cr-Hazardous Waste | - | - | - | - | - |
| 8840-2-0000-20-2760-2535 | 253 | Pension Cost | - | - | - | - | - |
| 8840-2-0000-20-2760-2539 | 253 | FAS 112 | - | - | - | - | - |
| 8840-2-0000-20-2760-2550 | 255 | Accum Deferred Investment Tax Credit | - | - | - | - | - |
| 8840-2-0000-20-2761-2534 | 253 | R/L-FAS 109 Reg Liab DFIT | - | - | - | - | - |
| 8840-2-0000-20-2761-2536 | 253 | Deriv Gas Cont-Reg-LT | - | - | - | - | - |
| 8840-2-0000-20-2770-2520 | 252 | Customer Advances For Construction | - | - | - | - | - |
| 8840-2-0000-20-2810-2079 | 207 | Due to Liberty Liberty Utilities Canada | (718,675) | 3,404,803 | 2,937,387 | 467,416 | (251,259) |
| 8840-2-0000-20-2810-2596 | 259 | Due to APUC | (138,363) | 1,189,400 | 1,280,621 | (91,221) | (229,583) |
| 8840-2-0000-20-2810-2603 | 260 | Due to LU Co. | (95,889,109) | 176,119,029 | 203,899,515 | (27,780,485) | (123,669,594) |
| 8840-2-0000-20-2810-2606 | 260 | Due to Liberty Energy New Hampshire | 45,904,310 | 423,202,440 | 439,670,253 | (16,467,813) | 29,436,497 |
| 8840-2-0000-20-2810-2626 | 262 | Due to Liberty Utilities America Co | (78,316) | - | - | - | (78,316) |
| 8840-2-0000-20-2810-2635 | 263 | Due to Cogsdale New Hampshire | (26,075,455) | 522,621,247 | 497,896,477 | 24,724,770 | (1,350,685) |
| 8840-2-0000-20-2810-2639 | 263 | Due from Liberty Utilities (Central) Services Corp | (538,831) | 1,467,356 | 2,722,511 | (1,255,155) | (1,793,986) |
| 8840-2-0000-20-2810-2655 | 265 | Due from/to Keene | - | 1,295 | 1,756 | (462) | (462) |
| 8840-2-0000-20-2840-2230 | 223 | NP-LU and EN \$18.1M 5YR @ 3.51% | - | - | - | - | - |
| 8840-2-0000-20-2840-2231 | 223 | NP- LU and EN \$41.8M 10YR @ 4.49% | (41,818,182) | - | - | - | (41,818,182) |
| 8840-2-0000-20-2840-2232 | 223 | NP-LU and EN \$21.8M 15YR @ 4.89% | (21,818,182) | - | - | - | (21,818,182) |
| 8840-2-0000-20-2840-2233 | 223 | NP-LU and EN \$8.2M 15YR @ 4.89% | (8,181,818) | - | - | - | (8,181,818) |
| 8840-2-0000-20-2840-2552 | 255 | NP-LU and EN \$18.1M 5YR @3.51% | - | - | - | - | - |
| 8840-2-0000-20-2840-2553 | 255 | NP- LU and EN \$41.8M 10YR @ 4.49% | - | - | - | - | - |
| 8840-2-0000-20-2840-2554 | 255 | NP-LU and EN \$21.8M 15YR@ 4.89% | - | - | - | - | - |
| 8840-2-0000-20-2840-2555 | 255 | NP-LU and EN \$8.2M 15YR@ 4.89% | - | - | - | - | - |
| 8840-2-0000-20-2840-2593 | 259 | Note Pay-LU Co & Energy North-\$43M@4.20% 10 yrs | - | - | - | - | - |
| 8840-2-0000-20-2840-2652 | 265 | NP - LU and EN \$87.8M 15YR@4.22% | (87,781,818) | - | - | - | (87,781,818) |
| 8840-2-0000-20-2910-1868 | 186 | Reg Liability Rate Adjustment Mechanism | (1,973,248) | 1,973,248 | - | 1,973,248 | - |
| 8840-2-0000-20-2910-2540 | 254 | Other Regulatory Liabilities | - | - | - | - | - |
| 8840-2-0000-20-2910-2542 | 254 | Deferral Decoupling Liability | (14,884) | 5,856,837 | 13,205,633 | (7,348,796) | (7,363,680) |
| 8840-2-0000-20-2910-2545 | 254 | Deriv-Gas-Contract-Reg Liab | - | - | - | - | - |
| 8840-2-0000-20-2910-2546 | 254 | Derivative MTM-Reg Liab | - | - | - | - | - |
| 8840-2-0000-20-2910-2830 | 283 | Excess ADIT Regulatory Liability - Long Term | (36,900,085) | 625,762 | 1,251,524 | (625,762) | (37,525,847) |
| 8840-2-0000-20-2910-2831 | 283 | Regulatory Liabilities - Income Taxes | - | - | - | - | - |
| 8840-2-0000-20-2920-2450 | 245 | Derivative instrument liab-Hedges | - | - | - | - | - |
| 8840-2-0000-20-2930-2280 | 228 | Accum Provision Injury & Damages | - | - | - | - | - |
| 8840-2-0000-20-2930-2281 | 228 | Pension/FAS106-Benefit Reserve | - | - | - | - | - |
| 8840-2-0000-20-2930-2282 | 228 | Misc Operating Reserves | (29,894,720) | 1,287,599 | 2,795,180 | (1,507,581) | (31,402,302) |
| 8840-2-0000-20-2930-2283 | 228 | OPEB/FAS 106 Benefit reserve | (5,741,194) | 1,201,065 | 1,049,983 | 151,082 | (5,590,112) |
| 8840-2-0000-20-2930-2285 | 228 | Long Term Pension Obligation | (14,564,941) | 3,195,162 | 2,757,333 | 437,829 | (14,127,112) |
| 8840-2-0000-20-2930-2300 | 230 | Asset Retirement Obligation | - | - | - | - | - |
| 8840-2-0000-20-2960-2271 | 227 | Lease liability-Long Term | - | 133,058 | 536,862 | (403,804) | (403,804) |
| 8840-2-0000-20-2965-2821 | 282 | ADFIT-Property Related | - | - | - | - | - |
| 8840-2-0000-20-2965-2823 | 282 | ADFIT-FAS 109 | - | - | - | - | - |
| 8840-2-0000-20-2965-2824 | 282 | ADSIT-Property Related | - | - | - | - | - |
| 8840-2-0000-20-2965-2830 | 283 | Accum Def Inc Taxes Liability-(Long-term) | (55,367,911) | 3,135,629 | 6,351,387 | (3,215,758) | (58,583,670) |
| 8840-2-0000-20-2968-2830 | 283 | ADFIT-R/A-Pensions | - | - | - | - | - |
| 8840-2-0000-30-3010-2010 | 201 | Common Stock Issued | - | - | - | - | - |
| 8840-2-0000-30-3010-2110 | 211 | Misc. Paid In Capital | - | - | - | - | - |
| 8840-2-0000-30-3016-4590 | 459 | Common Shares - Return of Capital | - | - | - | - | - |
| 8840-2-0000-30-3050-4551 | 455 | Interco CS - Energy North | (121,647,058) | - | - | - | (121,647,058) |
| 8840-2-0000-30-3050-4552 | 455 | Interco CS - Energy North | (2,500,000) | - | - | - | (2,500,000) |
| 8840-2-0000-30-3310-2160 | 216 | Retained Earnings | (60,717,306) | 5,371,851 | 721,270 | 4,650,581 | (56,066,725) |
| 8840-2-0000-30-3800-0002 | 000 | AOCI - Pension | 6,175,988 | 2,302,945 | 915,245 | 1,387,700 | 7,563,688 |
| 8840-2-0000-30-3800-0003 | 000 | AOCI - OPEB | (848,584) | 318,362 | - | 318,362 | (530,222) |
| 8840-2-0000-30-3800-0052 | 005 | OCI-Pension-Taxes | (510,257) | 971,509 | 461,252 | 510,257 | - |
| 8840-2-0000-30-3800-0153 | 015 | AOCI - Pension - Taxes | (1,402,083) | - | 4,424,376 | (4,424,376) | (5,826,460) |
| 8840-2-0000-30-3800-0154 | 015 | AOCI - OPEB - Taxes | 3,921,586 | - | - | - | 3,921,586 |
| 8840-2-0000-30-3800-2190 | 219 | Accum Other Comprehensive Income | - | - | - | - | - |
| 8840-2-0000-30-3800-2191 | 219 | OCI Unreal Apprec on Inv-Elim | - | - | - | - | - |
| 8840-2-0000-30-3800-2192 | 219 | OCI FAS 158-Pension | 189,326 | 1,017,245 | 1,206,571 | (189,326) | - |
| 8840-2-0000-30-3800-2193 | 219 | OCI FAS 158-OPEB | - | 42,888 | 42,888 | - | - |
| 8840-2-0000-40-4210-4500 | 450 | Forefeited discounts DO Not USE | - | - | - | - | - |
| 8840-2-0000-40-4210-4540 | 454 | Rental Income | - | - | - | - | - |
| 8840-2-0000-40-4210-4870 | 487 | Forfeited discounts - Gas | - | - | - | - | - |
| 8840-2-0000-40-4295-4800 | 480 | Residential Sales | - | 13 | 13 | - | - |
| 8840-2-0000-40-4295-4801 | 480 | Residential Sales - Fixed Portion | - | 12,003,483 | 26,249,549 | (14,246,066) | (14,246,066) |
| 8840-2-0000-40-4295-4802 | 480 | Residential Sales - Variable Portion | - | 14,231,587 | 47,448,215 | (33,216,627) | (33,216,627) |
| 8840-2-0000-40-4295-4803 | 480 | Residential Sales - Energy Cost | - | 32,258,628 | 71,475,770 | (39,217,142) | (39,217,142) |
| 8840-2-0000-40-4295-4810 | 481 | Commercial and industrial sales | - | - | - | - | - |
| 8840-2-0000-40-4295-4813 | 481 | Commercial Sales - Fixed Portion | - | 6,903,758 | 14,753,579 | (7,849,821) | (7,849,821) |
| 8840-2-0000-40-4295-4814 | 481 | Commercial Sales - Variable Portion | - | 9,580,137 | 23,391,413 | (13,811,275) | (13,811,275) |
| 8840-2-0000-40-4295-4815 | 481 | Commercial Sales - Energy Cost | - | 22,244,505 | 48,922,864 | (26,678,360) | (26,678,360) |
| 8840-2-0000-40-4295-4816 | 481 | Industrial Sales - Fixed Portion | - | 747 | 10,327 | (9,580) | (9,580) |
| 8840-2-0000-40-4295-4817 | 481 | Industrial Sales - Variable Portion | - | 36 | 1,946 | (1,910) | (1,910) |
| 8840-2-0000-40-4295-4818 | 481 | Industrial Sales - Energy Cost | - | 324 | 15,396 | (15,072) | (15,072) |
| 8840-2-0000-40-4295-4821 | 482 | Rental Income | - | - | 9,600 | (9,600) | (9,600) |
| 8840-2-0000-40-4295-4830 | 483 | Sales for resale | - | - | 2,723,167 | (2,723,167) | (2,723,167) |
| 8840-2-0000-40-4420-4190 | 419 | Interest income | - | 86,683 | 917,869 | (831,186) | (831,186) |
| 8840-2-0000-40-4460-4880 | 488 | Misc Service revenues | - | 351,819 | 1,535,305 | (1,183,486) | (1,183,486) |
| 8840-2-0000-40-4460-4893 | 489 | Rev-Transport of gas of others through distn fac | - | - | - | - | - |
| 8840-2-0000-40-4460-4897 | 489 | Metered Sales to Transportation - Fixed | - | 3,465,165 | 7,156,640 | (3,691,475) | (3,691,475) |
| 8840-2-0000-40-4460-4898 | 489 | Metered Sales to Transportation - Variable | - | 18,475,438 | 31,610,468 | (13,135,030) | (13,135,030) |
| 8840-2-0000-40-4460-4899 | 489 | Metered Sales to Transportation - Pass Through Gas | - | 15,309 | 42,813 | (27,504) | (27,504) |
| 8840-2-0000-40-4460-4950 | 495 | Other Gas revenues | - | 200,354 | 3,643,017 | (3,442,663) | (3,442,663) |
| 8840-2-0000-40-4460-4951 | 495 | Decoupling Revenue | - | 10,919,973 | 5,830,207 | 5,089,765 | 5,089,765 |
| 8840-2-0000-40-4700-4191 | 419 | Allow for other funds used during construction | - | 902,740 | 1,366,871 | (464,131) | (464,131) |
| 8840-2-0000-51-5010-7100 | 710 | Operation Supervision & Engineering - Labour | - | - | - | - | - |
| 8840-2-0000-51-5010-7170 | 717 | Liquefied Petroleum Gas - Labor | - | - | - | - | - |
| 8840-2-0000-51-5010-7280 | 728 | Liquefied Petroleum Gas - Labor | - | - | - | - | - |
| 8840-2-0000-51-5010-7350 | 735 | Misc Production Exp - Labour | - | - | - | - | - |
| 8840-2-0000-51-5010-8410 | 841 | Operation Labor & Expenses - Labour | - | - | - | - | - |
| 8840-2-0000-51-5010-8462 | 846 | Other Expenses - LNG - Labor | - | - | - | - | - |

| | | | | | | |
|--------------------------|-----|---|------------|------------|--------------|--------------|
| 8840-2-0000-51-5010-8570 | 857 | Measuring & Reg Stn Exp - Labor | - | - | - | - |
| 8840-2-0000-51-5010-8710 | 871 | Oper-Dist-Load Dispatching - Labour | - | - | - | - |
| 8840-2-0000-51-5010-8740 | 874 | Mains & services - Labor | 1,561 | 318 | 1,243 | 1,243 |
| 8840-2-0000-51-5010-8750 | 875 | Measuring and Regulating Station Expenses - labor | - | - | - | - |
| 8840-2-0000-51-5010-8760 | 876 | Oper-Stat Exp-Industrial - Labour | - | - | - | - |
| 8840-2-0000-51-5010-8780 | 878 | Meter & house regulator - Labor | - | - | - | - |
| 8840-2-0000-51-5010-8790 | 879 | Customer installations expenses - Labor | - | - | - | - |
| 8840-2-0000-51-5010-8800 | 880 | Other expenses - Labor | - | - | - | - |
| 8840-2-0000-51-5010-8810 | 881 | Distribution-Rents-Labour | - | - | - | - |
| 8840-2-0000-51-5430-8790 | 879 | Customer installations expenses | - | - | - | - |
| 8840-2-0000-51-5431-8760 | 876 | Oper-Stat Exp-Industrial | - | - | - | - |
| 8840-2-0000-51-5435-8710 | 871 | Oper-Dist-Load Dispatching | 463 | - | 463 | 463 |
| 8840-2-0000-51-5435-8800 | 880 | Other expenses | 994 | 486 | 509 | 509 |
| 8840-2-0000-51-5435-8810 | 881 | Distribution-Rents-Expense | - | - | - | - |
| 8840-2-0000-51-5436-8740 | 874 | Mains & services expenses | 2,732 | - | 2,732 | 2,732 |
| 8840-2-0000-51-5437-8780 | 878 | Meter & house regulator expenses | 246 | - | 246 | 246 |
| 8840-2-0000-51-5438-8570 | 857 | Measuring & Regulating Station Exp | - | - | - | - |
| 8840-2-0000-51-5439-8462 | 846 | Other Expenses - LNG | 222 | 222 | - | - |
| 8840-2-0000-51-5444-7350 | 735 | Misc Production Exp | 83,669 | 82 | 83,587 | 83,587 |
| 8840-2-0000-51-5540-7100 | 710 | Operation Supervision & Engineering | 12,046 | 4,519 | 7,527 | 7,527 |
| 8840-2-0000-51-5540-7170 | 717 | Liquefied Petroleum Gas | - | - | - | - |
| 8840-2-0000-51-5545-8410 | 841 | Operation Labor & Expenses | - | - | - | - |
| 8840-2-0000-52-5540-7280 | 728 | Liquefied Petroleum Gas | - | - | - | - |
| 8840-2-0000-52-5541-8040 | 804 | Natural Gas City Gate Purchases | 99,371,003 | 52,096,691 | 47,274,312 | 47,274,312 |
| 8840-2-0000-52-5541-8041 | 804 | Natural Gas Demand Charges - Transportation | 37,151,704 | 18,826,562 | 18,325,142 | 18,325,142 |
| 8840-2-0000-52-5541-8042 | 804 | Deferred Gas Costs | 82,072 | 62,592,623 | (62,510,550) | (62,510,550) |
| 8840-2-0000-52-5541-8044 | 804 | Natural Gas Capacity Release | 3,736,205 | 7,431,327 | (3,695,122) | (3,695,122) |
| 8840-2-0000-52-5541-8045 | 804 | Natural Gas Imbalances - Cashout | 437,673 | 363,744 | 73,930 | 73,930 |
| 8840-2-0000-52-5541-8047 | 804 | Natural Gas Hedging - Derivative Settlements | - | - | - | - |
| 8840-2-0000-52-5542-8051 | 805 | PGA for Residential-PGA Recoveries | 71,162,097 | 31,944,611 | 39,217,486 | 39,217,486 |
| 8840-2-0000-52-5542-8052 | 805 | PGA for Commercial-PGA Recoveries | 48,532,374 | 21,847,783 | 26,684,591 | 26,684,591 |
| 8840-2-0000-52-5542-8053 | 805 | PGA for Industrial-PGA Recoveries | 15,443 | 372 | 15,072 | 15,072 |
| 8840-2-0000-52-5542-8054 | 805 | PGA for Transportation-PGA Recoveries | 42,666 | 15,162 | 27,504 | 27,504 |
| 8840-2-0000-52-5543-8081 | 808 | Natural Gas Withdrawn from Storage | 4,814,736 | 30,561 | 4,784,176 | 4,784,176 |
| 8840-2-0000-52-5543-8082 | 808 | Natural Gas Delivered to Storage | 280,363 | 4,007,791 | (3,727,428) | (3,727,428) |
| 8840-2-0000-56-5010-5930 | 593 | Maint of overhead lines Labor | - | - | - | - |
| 8840-2-0000-56-5010-8630 | 863 | Maintenance of Transmission Mains - Labor | - | - | - | - |
| 8840-2-0000-56-5010-8700 | 870 | Operation supervision and engineering-Labour | - | - | - | - |
| 8840-2-0000-56-5010-8710 | 871 | Oper-Dist-Load Dispatching -Dont use | - | - | - | - |
| 8840-2-0000-56-5010-8850 | 885 | Maint supervision and engineering - Labor | - | - | - | - |
| 8840-2-0000-56-5010-8860 | 886 | Maint of structures & improvements - Labor | 3,146 | 25 | 3,121 | 3,121 |
| 8840-2-0000-56-5010-8870 | 887 | Maint of mains - Labor | 850 | 128 | 722 | 722 |
| 8840-2-0000-56-5010-8890 | 889 | Maint of meas & reg stn eqt-Gen Labor | - | - | - | - |
| 8840-2-0000-56-5010-8920 | 892 | Maint of services - Labor | 58 | - | 58 | 58 |
| 8840-2-0000-56-5010-8930 | 893 | Maint of meters & house regulators - Labor | 375 | 229 | 145 | 145 |
| 8840-2-0000-56-5010-8940 | 894 | Maint of other eqt - Labor | 339 | - | 339 | 339 |
| 8840-2-0000-56-5210-5930 | 593 | Maint of overhead lines | - | - | - | - |
| 8840-2-0000-56-5210-7420 | 742 | Maint of Production Eqt | 47,198 | 1 | 47,197 | 47,197 |
| 8840-2-0000-56-5210-8630 | 863 | Maintenance of Transmission Mains | - | - | - | - |
| 8840-2-0000-56-5210-8860 | 886 | Maint of structures & improvements | - | - | - | - |
| 8840-2-0000-56-5210-8870 | 887 | Maint of mains | 50,387 | 13,580 | 36,806 | 36,806 |
| 8840-2-0000-56-5210-8890 | 889 | Maint of meas & reg stn eqt-Gen exp | - | - | - | - |
| 8840-2-0000-56-5210-8920 | 892 | Maint of services exp | 31,050 | 9,053 | 21,997 | 21,997 |
| 8840-2-0000-56-5210-8930 | 893 | Maint of meters & house regulators exp | - | - | - | - |
| 8840-2-0000-56-5210-8940 | 894 | Maint of other eqt exp | - | - | - | - |
| 8840-2-0000-56-5435-8700 | 870 | Operation Supervision & Engineering | 7,462 | 565 | 6,897 | 6,897 |
| 8840-2-0000-69-5010-9010 | 901 | Supervision | - | - | - | - |
| 8840-2-0000-69-5010-9020 | 902 | Meter reading expenses - labor | 430 | - | 430 | 430 |
| 8840-2-0000-69-5010-9030 | 903 | Customer records and collection expenses - labor | 1,151 | 100 | 1,050 | 1,050 |
| 8840-2-0000-69-5010-9080 | 908 | Customer assistance expenses - labor | - | - | - | - |
| 8840-2-0000-69-5010-9100 | 910 | Misc customer service and info exp-Labor | - | - | - | - |
| 8840-2-0000-69-5010-9120 | 912 | Demonstrating & selling exp (Major only)-Labor | 112 | - | 112 | 112 |
| 8840-2-0000-69-5010-9130 | 913 | Advertising expenses (Major only)-Labour | - | - | - | - |
| 8840-2-0000-69-5010-9160 | 916 | Misc sales expenses (Major only)-Labor | - | - | - | - |
| 8840-2-0000-69-5010-9220 | 922 | Admin Exp Transferred - CR | - | - | - | - |
| 8840-2-0000-69-5010-9221 | 922 | LU Labor Alloc Capitalized | 94 | 52,696 | (52,602) | (52,602) |
| 8840-2-0000-69-5010-9223 | 922 | APUC Labour Alloc Capitalized | 293 | 157,987 | (157,693) | (157,693) |
| 8840-2-0000-69-5010-9224 | 922 | LABS Labour Capitl | 195 | 118,640 | (118,445) | (118,445) |
| 8840-2-0000-69-5010-9225 | 922 | LABS Corp. Service Labor Alloc Capitalized | 126 | 102,429 | (102,303) | (102,303) |
| 8840-2-0000-69-5010-9226 | 922 | LABS US Bus labor capitalized | - | 32,899 | (32,899) | (32,899) |
| 8840-2-0000-69-5010-9227 | 922 | LABS US Corp labor capitalized | - | 43,937 | (43,937) | (43,937) |
| 8840-2-0000-69-5010-9228 | 922 | LU Corp US Lab capitalized | - | 221,477 | (221,477) | (221,477) |
| 8840-2-0000-69-5010-9229 | 922 | LU Region Lab capitalized | 569 | 230,310 | (229,740) | (229,740) |
| 8840-2-0000-69-5010-9234 | 923 | LABS Labour Allocations | - | - | - | - |
| 8840-2-0000-69-5040-4080 | 408 | Social Security Taxes | - | - | - | - |
| 8840-2-0000-69-5040-9261 | 926 | Payroll Taxes | - | - | - | - |
| 8840-2-0000-69-5041-4080 | 408 | Federal Unemployment taxes | - | - | - | - |
| 8840-2-0000-69-5041-4081 | 408 | Tx Oth Inc Tx-FICA Co portion | - | - | - | - |
| 8840-2-0000-69-5041-4082 | 408 | Tx Oth Inc Tx-St Unempl Tax | - | - | - | - |
| 8840-2-0000-69-5042-4080 | 408 | Medicare | - | - | - | - |
| 8840-2-0000-69-5043-9260 | 926 | Employee pensions and benefits - 401k | - | - | - | - |
| 8840-2-0000-69-5043-9261 | 926 | Cash Balance Pension | - | - | - | - |
| 8840-2-0000-69-5043-9262 | 926 | ESPP Expense | - | - | - | - |
| 8840-2-0000-69-5043-9263 | 926 | Opt-Out Credit | - | - | - | - |
| 8840-2-0000-69-5043-9267 | 926 | Pension | - | - | - | - |
| 8840-2-0000-69-5043-9268 | 926 | Pension Plan Expenses | - | - | - | - |
| 8840-2-0000-69-5043-9269 | 926 | 401K Match | - | - | - | - |
| 8840-2-0000-69-5044-9260 | 926 | Group Benefits | - | - | - | - |
| 8840-2-0000-69-5044-9261 | 926 | Health Svc | - | - | - | - |
| 8840-2-0000-69-5044-9262 | 926 | FAS 106 (Retiree Health Care) | - | - | - | - |
| 8840-2-0000-69-5044-9263 | 926 | Retiree Life Insurance | - | - | - | - |
| 8840-2-0000-69-5044-9265 | 926 | FAS 112 (Post-Employment Benefits) | - | - | - | - |
| 8840-2-0000-69-5044-9266 | 926 | Health Care | - | - | - | - |
| 8840-2-0000-69-5044-9267 | 926 | Dental | - | - | - | - |
| 8840-2-0000-69-5044-9268 | 926 | Group Life | - | - | - | - |
| 8840-2-0000-69-5045-9260 | 926 | Workers' Compensation | - | - | - | - |
| 8840-2-0000-69-5045-9270 | 927 | Franchise Requirements | - | - | - | - |
| 8840-2-0000-69-5110-9310 | 931 | Rents | - | - | - | - |
| 8840-2-0000-69-5130-9210 | 921 | Office supplies and expenses | 495 | - | 495 | 495 |
| 8840-2-0000-69-5130-9216 | 921 | Meals & Entertainment | - | - | - | - |
| 8840-2-0000-69-5131-9212 | 921 | Utilities | - | 357 | (357) | (357) |
| 8840-2-0000-69-5200-9220 | 922 | Admin Expenses Transferred - Credit | - | - | - | - |
| 8840-2-0000-69-5200-9222 | 922 | LU Admin Alloc Capitalized | 953 | 241,969 | (241,016) | (241,016) |

| | | | | | | | |
|--------------------------|-----|--|---|------------|------------|------------|------------|
| 8840-2-0000-69-5200-9223 | 922 | APUC Admin Alloc Capitalized | - | 13,573 | 321,328 | (307,755) | (307,755) |
| 8840-2-0000-69-5200-9224 | 922 | LABS Admin Alloc Capitalized | - | 1,366 | 270,760 | (269,393) | (269,393) |
| 8840-2-0000-69-5200-9225 | 922 | LABS Corp. Service admin Alloc Capitalized | - | 328 | 277,074 | (276,746) | (276,746) |
| 8840-2-0000-69-5200-9226 | 922 | LABS US Bus admin capitalized | - | 205 | 74,781 | (74,576) | (74,576) |
| 8840-2-0000-69-5200-9227 | 922 | LABS US Corp admin capitalized | - | 285 | 132,024 | (131,739) | (131,739) |
| 8840-2-0000-69-5200-9228 | 922 | LU Corp US Admin capitalized | - | 1,570 | 98,935 | (97,365) | (97,365) |
| 8840-2-0000-69-5200-9229 | 922 | LU Region Admin capitalized | - | 1,246 | 579,230 | (577,984) | (577,984) |
| 8840-2-0000-69-5200-9230 | 923 | Outsided services employed - other | - | - | - | - | - |
| 8840-2-0000-69-5200-9231 | 923 | Outside services LU HO Allocations | - | 731,279 | - | 731,279 | 731,279 |
| 8840-2-0000-69-5200-9232 | 923 | Outside services APUC HO Allocations | - | 1,090,911 | 40,233 | 1,050,678 | 1,050,678 |
| 8840-2-0000-69-5200-9233 | 923 | Outside Services - APUC Labour Allocations | - | - | - | - | - |
| 8840-2-0000-69-5200-9234 | 923 | LABS NonLabour Allocations | - | 679,320 | - | 679,320 | 679,320 |
| 8840-2-0000-69-5200-9235 | 923 | LABS Corporate Service non-labour allocation | - | 970,307 | - | 970,307 | 970,307 |
| 8840-2-0000-69-5200-9236 | 923 | LABS US Bus admin alloc | - | 231,474 | - | 231,474 | 231,474 |
| 8840-2-0000-69-5200-9237 | 923 | LABS US Corp admin alloc | - | 379,791 | - | 379,791 | 379,791 |
| 8840-2-0000-69-5200-9238 | 923 | LU Corp US Admin alloc | - | 298,437 | 4,149 | 294,288 | 294,288 |
| 8840-2-0000-69-5200-9239 | 923 | LU Region Admin alloc | - | 1,812,809 | 13,056 | 1,799,753 | 1,799,753 |
| 8840-2-0000-69-5250-9010 | 901 | Customer Care Supervision Expenses | - | - | - | - | - |
| 8840-2-0000-69-5250-9020 | 902 | Meter reading expenses | - | - | - | - | - |
| 8840-2-0000-69-5250-9030 | 903 | Customer records and collection expenses | - | 4,956 | 154 | 4,802 | 4,802 |
| 8840-2-0000-69-5250-9050 | 905 | Miscellaneous customer accounts expenses | - | - | - | - | - |
| 8840-2-0000-69-5280-9240 | 924 | Property insurance | - | - | - | - | - |
| 8840-2-0000-69-5280-9250 | 925 | Injuries and damages | - | - | - | - | - |
| 8840-2-0000-69-5390-9080 | 908 | Customer assistance expenses | - | - | - | - | - |
| 8840-2-0000-69-5390-9090 | 909 | Informational & instructional advertising expenses | - | - | - | - | - |
| 8840-2-0000-69-5390-9100 | 910 | Misc customer service & informational expenses | - | - | - | - | - |
| 8840-2-0000-69-5390-9110 | 911 | Sales Expense-Supervision | - | - | - | - | - |
| 8840-2-0000-69-5390-9120 | 912 | Demonstrating and selling expenses (Major only) | - | - | - | - | - |
| 8840-2-0000-69-5390-9130 | 913 | Advertising Expenses | - | 9 | 39 | (30) | (30) |
| 8840-2-0000-69-5390-9160 | 916 | Miscellaneous sales expenses (Major only) | - | - | - | - | - |
| 8840-2-0000-69-5610-9280 | 928 | Regulatory commission expenses | - | - | - | - | - |
| 8840-2-0000-69-5615-9302 | 930 | Miscellaneous General Expense | - | - | - | - | - |
| 8840-2-0000-69-5680-4080 | 408 | Property taxes | - | - | - | - | - |
| 8840-2-0000-69-6125-9310 | 931 | Rental Expense - Intercompany | - | 157,792 | 81,612 | 76,180 | 76,180 |
| 8840-2-0000-69-7030-9200 | 920 | LTIP Expense | - | - | - | - | - |
| 8840-2-0000-69-7100-9320 | 932 | Maintenance of general plant-Gas | - | - | - | - | - |
| 8840-2-0000-69-7450-4261 | 426 | Donations | - | - | - | - | - |
| 8840-2-0000-69-7450-4262 | 426 | Def Comp Inv-Life Ins | - | - | - | - | - |
| 8840-2-0000-69-7450-4263 | 426 | Penalties | - | 1,997 | - | 1,997 | 1,997 |
| 8840-2-0000-69-7450-4264 | 426 | Exp for certain civic, political and related act | - | - | - | - | - |
| 8840-2-0000-69-7450-4265 | 426 | Other Deductions | - | - | 606,354 | (606,354) | (606,354) |
| 8840-2-0000-69-7450-4266 | 426 | Political Expenses Non deductible | - | - | - | - | - |
| 8840-2-0000-75-7450-4261 | 426 | Donations | - | - | - | - | - |
| 8840-2-0000-75-7450-4263 | 426 | Penalties | - | - | - | - | - |
| 8840-2-0000-75-7450-4264 | 426 | Exp for certain civic, political & related act | - | - | - | - | - |
| 8840-2-0000-75-7450-4265 | 426 | Other deductions | - | - | - | - | - |
| 8840-2-0000-75-7695-4080 | 408 | Franchise taxes | - | - | - | - | - |
| 8840-2-0000-80-8543-2603 | 260 | Intercompany - Interest Expense - LU Co. | - | 7,078,290 | - | 7,078,290 | 7,078,290 |
| 8840-2-0000-80-8543-4300 | 430 | Interest on debt to associated companies | - | - | - | - | - |
| 8840-2-0000-80-8550-4191 | 419 | AFUDC Borrowed-Equity portion | - | - | - | - | - |
| 8840-2-0000-80-8550-4310 | 431 | Other Interest Expense | - | 801,057 | 73,363 | 727,694 | 727,694 |
| 8840-2-0000-80-8550-4311 | 431 | Other Interest Expense - Tax | - | - | - | - | - |
| 8840-2-0000-80-8550-4320 | 432 | AFUDC - borrowed | - | 438,488 | 663,991 | (225,503) | (225,503) |
| 8840-2-0000-80-8551-9261 | 926 | Non-service pension costs | - | 2,979,182 | 1,238,913 | 1,740,269 | 1,740,269 |
| 8840-2-0000-80-8551-9262 | 926 | Non-service OPEB costs | - | 330,047 | 128,580 | 201,467 | 201,467 |
| 8840-2-0000-80-8610-4030 | 403 | Depreciation Exp | - | 29,979,807 | 12,005,657 | 17,974,149 | 17,974,149 |
| 8840-2-0000-80-8610-4050 | 405 | Amortization-Intangibles | - | 3,755,075 | 358,902 | 3,396,173 | 3,396,173 |
| 8840-2-0000-80-8640-4073 | 407 | Regulatory - debits | - | 744,948 | 39,687 | 705,261 | 705,261 |
| 8840-2-0000-80-8640-4074 | 407 | Amortization - Regulatory Liabilities | - | - | - | - | - |
| 8840-2-0000-80-8641-4074 | 407 | Amortization of Regulatory Assets | - | 3,001,282 | - | 3,001,282 | 3,001,282 |
| 8840-2-0000-80-8660-9040 | 904 | Uncollectible accounts | - | - | - | - | - |
| 8840-2-0000-80-8660-9041 | 904 | Bad Debt Expense - Commodity | - | 135,823 | 1,119,264 | (983,441) | (983,441) |
| 8840-2-0000-80-8665-4265 | 426 | Regulatory Asset Write Down | - | 1,699,216 | - | 1,699,216 | 1,699,216 |
| 8840-2-0000-80-8665-6670 | 667 | Asset Write Down Expense | - | - | - | - | - |
| 8840-2-0000-80-8665-6671 | 667 | Regulatory Asset Write Down | - | - | - | - | - |
| 8840-2-0000-80-8670-9210 | 921 | Gain/Loss Foreign Exchange | - | - | - | - | - |
| 8840-2-0000-80-8710-4090 | 409 | Federal Income Tax | - | - | - | - | - |
| 8840-2-0000-80-8720-4090 | 409 | State Income Tax | - | 225,931 | - | 225,931 | 225,931 |
| 8840-2-0000-80-8760-4101 | 410 | Def SIT Expense-Debit | - | - | - | - | - |
| 8840-2-0000-80-8760-4104 | 410 | Def FIT Expense-Debit | - | 6,579,808 | 3,095,811 | 3,483,997 | 3,483,997 |
| 8840-2-9828-69-5200-9238 | 923 | LU Corp US Admin Alloc | - | - | - | - | - |
| 8840-2-9800-69-5010-9200 | 920 | A&G salaries - IT | - | 40,557 | 12,380 | 28,176 | 28,176 |
| 8840-2-9800-69-5010-9201 | 920 | A&G Salaries - IT LU Headoffice | - | - | - | - | - |
| 8840-2-9800-69-5010-9204 | 920 | A&G Salaries-IT LABS Head Office | - | 2,525 | - | 2,525 | 2,525 |
| 8840-2-9800-69-5010-9205 | 920 | LABS CAN CORP IT LABOR | - | 26,267 | - | 26,267 | 26,267 |
| 8840-2-9800-69-5010-9206 | 920 | LABS US Bus lab alloc-Corp IT | - | 87,957 | - | 87,957 | 87,957 |
| 8840-2-9800-69-5010-9220 | 922 | Admin Exp Tran CR - Credit IT | - | 690 | 2,605 | (1,915) | (1,915) |
| 8840-2-9800-69-5040-4080 | 408 | Social Security Taxes | - | - | - | - | - |
| 8840-2-9800-69-5041-4080 | 408 | Federal Unemployment Taxes | - | - | - | - | - |
| 8840-2-9800-69-5041-4082 | 408 | Tx Oth Inc Tx-St Unempl Tax - IT | - | - | - | - | - |
| 8840-2-9800-69-5042-4080 | 408 | Medicare | - | - | - | - | - |
| 8840-2-9800-69-5130-9210 | 921 | Office Supplies-IT | - | 113,792 | 98 | 113,695 | 113,695 |
| 8840-2-9800-69-5130-9215 | 921 | Office supplies & exp IT LU Headoffice | - | - | - | - | - |
| 8840-2-9800-69-5130-9216 | 921 | Meals & Entertain IT LU HO | - | 249 | - | 249 | 249 |
| 8840-2-9800-69-5131-9211 | 921 | Travel-IT | - | 4,736 | - | 4,736 | 4,736 |
| 8840-2-9800-69-5131-9212 | 921 | Utilities - IT | - | - | - | - | - |
| 8840-2-9800-69-5131-9213 | 921 | Communications - IT | - | 747,696 | 66,442 | 681,254 | 681,254 |
| 8840-2-9800-69-5131-9215 | 921 | Training | - | 17 | - | 17 | 17 |
| 8840-2-9800-69-5200-9220 | 922 | Admin Expenses Transferred - Credit IT | - | 70,501 | 217,104 | (146,602) | (146,602) |
| 8840-2-9800-69-5200-9230 | 923 | Outsided services-IT | - | 118,172 | - | 118,172 | 118,172 |
| 8840-2-9800-69-5200-9237 | 923 | LABS US Corp Admin Allocations | - | 22 | - | 22 | 22 |
| 8840-2-9800-69-5200-9238 | 923 | LU Corp US Admin Allocations | - | - | - | - | - |
| 8840-2-9801-69-5010-9204 | 920 | A&G Salaries - Transition LABS Headoffice | - | 105,879 | - | 105,879 | 105,879 |
| 8840-2-9801-69-5010-9206 | 920 | LABS US Bus lab alloc-Bus IT | - | - | - | - | - |
| 8840-2-9801-69-5130-9215 | 921 | Office Supplies & exp - Transition LU HO | - | - | - | - | - |
| 8840-2-9801-69-5200-9230 | 923 | Outside Services - Transition | - | 13,876 | - | 13,876 | 13,876 |
| 8840-2-9801-69-5200-9237 | 923 | LABS US Corp Admin Alloc | - | 30 | - | 30 | 30 |
| 8840-2-9810-69-5010-9200 | 920 | A&G salaries - HR | - | 288,797 | 90,198 | 198,599 | 198,599 |
| 8840-2-9810-69-5010-9201 | 920 | A&G Salaries - HR LU Headoffice | - | - | - | - | - |
| 8840-2-9810-69-5010-9204 | 920 | A&G Salaries-HR LABS Head Office | - | 18,564 | 3,762 | 14,802 | 14,802 |
| 8840-2-9810-69-5010-9209 | 920 | East Region Labor - HR | - | 106,289 | - | 106,289 | 106,289 |
| 8840-2-9810-69-5010-9220 | 922 | Admin Exp Tran CR - Credit HR | - | - | 3,810 | (3,810) | (3,810) |
| 8840-2-9810-69-5040-4080 | 408 | Social Security Taxes | - | 1,241,073 | - | 1,241,073 | 1,241,073 |

| | | | | | | | |
|--------------------------|-----|---|-----------|-----------|-----------|-------------|-------------|
| 8840-2-9810-69-5041-4080 | 408 | Federal Unemployment Taxes | - | 9,715 | - | 9,715 | 9,715 |
| 8840-2-9810-69-5041-4082 | 408 | State Unemployment Taxes | - | 21,916 | 124 | 21,792 | 21,792 |
| 8840-2-9810-69-5042-4080 | 408 | Medicare | - | 303,238 | - | 303,238 | 303,238 |
| 8840-2-9810-69-5043-9260 | 926 | Employee Pension & Benefits - 401K | - | 5,197 | 317 | 4,880 | 4,880 |
| 8840-2-9810-69-5043-9262 | 926 | ESPP Expense | - | 40,974 | - | 40,974 | 40,974 |
| 8840-2-9810-69-5043-9263 | 926 | Opt-Out Expense | - | 19,061 | - | 19,061 | 19,061 |
| 8840-2-9810-69-5043-9267 | 926 | Pension | - | 703,084 | 99,500 | 603,584 | 603,584 |
| 8840-2-9810-69-5043-9268 | 926 | Pension Plan Expenses | - | 18,255 | - | 18,255 | 18,255 |
| 8840-2-9810-69-5043-9269 | 926 | 401K Match | - | 937,173 | - | 937,173 | 937,173 |
| 8840-2-9810-69-5044-9260 | 926 | Group Benefits | 5,582,554 | 2,123,747 | 3,458,807 | 3,458,807 | 3,458,807 |
| 8840-2-9810-69-5044-9261 | 926 | Health Services | - | - | - | - | - |
| 8840-2-9810-69-5044-9262 | 926 | FAS 106 Retiree Health Care | - | 28,192 | - | 28,192 | 28,192 |
| 8840-2-9810-69-5044-9266 | 926 | Health Care | - | - | - | - | - |
| 8840-2-9810-69-5044-9267 | 926 | Dental/Vision | - | - | - | - | - |
| 8840-2-9810-69-5044-9268 | 926 | Group Life | - | 12,312 | - | 12,312 | 12,312 |
| 8840-2-9810-69-5045-9260 | 926 | Workers Compensation | - | - | - | - | - |
| 8840-2-9810-69-5130-9210 | 921 | Office Supplies-HR | - | 39,326 | 1,601 | 37,725 | 37,725 |
| 8840-2-9810-69-5130-9215 | 921 | Office supplies & exp HR LU Headoffice | - | 46,305 | - | 46,305 | 46,305 |
| 8840-2-9810-69-5130-9216 | 921 | Meals | - | 224 | - | 224 | 224 |
| 8840-2-9810-69-5131-9211 | 921 | Travel-HR | - | 6,520 | - | 6,520 | 6,520 |
| 8840-2-9810-69-5131-9212 | 921 | Utilities - HR | - | 14,232 | - | 14,232 | 14,232 |
| 8840-2-9810-69-5131-9213 | 921 | Communication | - | - | - | - | - |
| 8840-2-9810-69-5131-9214 | 921 | Dues & Membership Fees | - | 11,437 | - | 11,437 | 11,437 |
| 8840-2-9810-69-5131-9215 | 921 | Training | - | 20,143 | - | 20,143 | 20,143 |
| 8840-2-9810-69-5200-9220 | 922 | Admin Expenses Transferred - Credit HR | - | 5,683 | 151,110 | (145,427) | (145,427) |
| 8840-2-9810-69-5200-9230 | 923 | Outsided services-HR | - | 206,621 | 37,404 | 169,217 | 169,217 |
| 8840-2-9810-69-5200-9239 | 923 | East Region Outside Services - HR | - | - | - | - | - |
| 8840-2-9810-69-5615-9302 | 930 | Miscellaneous General Expense | - | 1,146 | - | 1,146 | 1,146 |
| 8840-2-9810-69-7030-9200 | 920 | LTIP Expense | - | 281,744 | 29,432 | 252,311 | 252,311 |
| 8840-2-9810-69-7100-9200 | 920 | STIP Expense | - | - | - | - | - |
| 8840-2-9811-69-5010-9204 | 920 | A&G Salaries - Payroll&HRIS LABS Headoffice | - | 13,899 | - | 13,899 | 13,899 |
| 8840-2-9811-69-5010-9206 | 920 | LABS US Bus lab alloc-Total Rewards | - | - | - | - | - |
| 8840-2-9811-69-5130-9215 | 921 | Office Supplies & exp - Payroll&HRIS LU HO | - | 2,586 | - | 2,586 | 2,586 |
| 8840-2-9811-69-5200-9236 | 923 | LABS US Bus adm alloc-Total Rewards | - | 995 | - | 995 | 995 |
| 8840-2-9811-69-5200-9237 | 923 | LABS US Corp Admin Allocations | - | 19,230 | - | 19,230 | 19,230 |
| 8840-2-9812-69-5010-9200 | 920 | L&D Salaries | - | 41,108 | 11,154 | 29,954 | 29,954 |
| 8840-2-9812-69-5010-9204 | 920 | A&G Salaries - Training&DevLABS Headoffice | - | 37,642 | - | 37,642 | 37,642 |
| 8840-2-9812-69-5010-9206 | 920 | LABS US L&D Labor Allocation | - | - | - | - | - |
| 8840-2-9812-69-5010-9220 | 922 | Admin Exp Transferred Credit- L&D | - | - | - | - | - |
| 8840-2-9812-69-5130-9215 | 921 | Office Supplies & exp - Executive LU HO | - | - | - | - | - |
| 8840-2-9812-69-5130-9216 | 921 | Meals & Entertain LABS Training&Development | - | - | - | - | - |
| 8840-2-9812-69-5131-9210 | 921 | L&D Office Supplies & Exp | - | 2,325 | - | 2,325 | 2,325 |
| 8840-2-9812-69-5131-9211 | 921 | Travel LABS Training&Development | - | - | - | - | - |
| 8840-2-9812-69-5131-9213 | 921 | L&D Communications | - | - | - | - | - |
| 8840-2-9812-69-5131-9214 | 921 | L&D Dues & Memberships | - | - | - | - | - |
| 8840-2-9812-69-5131-9215 | 921 | L&D Training | - | 77,285 | 4,719 | 72,567 | 72,567 |
| 8840-2-9812-69-5200-9220 | 922 | Admin Exp Transferred Credit- L&D | - | - | 7,228 | (7,228) | (7,228) |
| 8840-2-9812-69-5200-9230 | 923 | L&D Outside Services | - | 5,098 | - | 5,098 | 5,098 |
| 8840-2-9812-69-5200-9237 | 923 | LABS US Corp Admin Allocations | - | - | - | - | - |
| 8840-2-9815-69-5010-9200 | 920 | A&G Salaries - Environmental/Health & Safety | 374,857 | 129,824 | 245,034 | 245,034 | 245,034 |
| 8840-2-9815-69-5010-9201 | 920 | A&G Salaries - EHS&S LU Headoffice | - | - | - | - | - |
| 8840-2-9815-69-5010-9204 | 920 | EHSS LABS Labor Corp. Account | - | 30,827 | - | 30,827 | 30,827 |
| 8840-2-9815-69-5010-9206 | 920 | LABS US Bus lab alloc-EHSS | - | 34,613 | - | 34,613 | 34,613 |
| 8840-2-9815-69-5010-9209 | 920 | East Region Labor - EHS | - | 5,954 | - | 5,954 | 5,954 |
| 8840-2-9815-69-5010-9220 | 922 | Admin Exp Tran CR - Credit EH&S | - | 7,359 | 20,113 | (12,754) | (12,754) |
| 8840-2-9815-69-5040-4080 | 408 | Social Security Taxes | - | - | - | - | - |
| 8840-2-9815-69-5041-4080 | 408 | Federal Unemployment Taxes | - | - | - | - | - |
| 8840-2-9815-69-5041-4082 | 408 | Tx Oth Inc Tx-St Unempl Tax-Environmental | - | - | - | - | - |
| 8840-2-9815-69-5042-4080 | 408 | Medicare | - | - | - | - | - |
| 8840-2-9815-69-5110-9310 | 931 | Rents | - | - | - | - | - |
| 8840-2-9815-69-5130-9210 | 921 | Office Supplies-Environmental/Health& Safety | 108,074 | 472 | 107,602 | 107,602 | 107,602 |
| 8840-2-9815-69-5130-9215 | 921 | Office Supplies & Expense EHSS LU Head Office | - | 65 | - | 65 | 65 |
| 8840-2-9815-69-5130-9216 | 921 | Meals & Entertain. EHSS LU Head Office | - | 3,905 | - | 3,905 | 3,905 |
| 8840-2-9815-69-5131-9211 | 921 | Travel-EHSS | - | 21,575 | 770 | 20,805 | 20,805 |
| 8840-2-9815-69-5131-9212 | 921 | Utilities - EHSS | - | 28,140 | - | 28,140 | 28,140 |
| 8840-2-9815-69-5131-9213 | 921 | Communication | - | 2,871 | - | 2,871 | 2,871 |
| 8840-2-9815-69-5131-9214 | 921 | Dues & Membership Fees | - | 5,973 | - | 5,973 | 5,973 |
| 8840-2-9815-69-5131-9215 | 921 | Training | - | 17,643 | - | 17,643 | 17,643 |
| 8840-2-9815-69-5200-9220 | 922 | Admin Expenses Transferred - Credit | - | 28,145 | 156,796 | (128,651) | (128,651) |
| 8840-2-9815-69-5200-9230 | 923 | Outsided services-Environmental/Health & Safety | - | 76,943 | 6,919 | 70,024 | 70,024 |
| 8840-2-9815-69-5200-9239 | 923 | East Region Outside Services - EHS | - | - | - | - | - |
| 8840-2-9816-69-5010-9208 | 920 | Miscellaneous General Expense | - | - | - | - | - |
| 8840-2-9816-69-5010-9208 | 920 | LU Corp US Governance labor | - | 1,230 | - | 1,230 | 1,230 |
| 8840-2-9817-69-5010-9204 | 920 | A&G Salaries - Comm LABS Head office | - | 30,558 | - | 30,558 | 30,558 |
| 8840-2-9820-69-5010-9200 | 920 | A&G salaries - Finance and Admin | - | 425,862 | 144,575 | 281,288 | 281,288 |
| 8840-2-9820-69-5010-9201 | 920 | A&G Salaries - Fin & Adm LU Headoffice | - | - | - | - | - |
| 8840-2-9820-69-5010-9204 | 920 | A&G Salaries-Fin & Admin LABS Head Office | - | - | - | - | - |
| 8840-2-9820-69-5010-9205 | 920 | LABS Corporate Service Labour allocation | - | 195,819 | - | 195,819 | 195,819 |
| 8840-2-9820-69-5010-9207 | 920 | LABS US Corp lab alloc-Finance | - | 64,416 | - | 64,416 | 64,416 |
| 8840-2-9820-69-5010-9209 | 920 | East Region Labor - Finance | - | 279,711 | - | 279,711 | 279,711 |
| 8840-2-9820-69-5010-9220 | 922 | Admin Exp Tran CR - Credit Finance | - | 73,072 | 162,307 | (89,235) | (89,235) |
| 8840-2-9820-69-5040-4080 | 408 | Social Security Taxes | - | - | - | - | - |
| 8840-2-9820-69-5041-4080 | 408 | Federal Unemployment Taxes | - | - | - | - | - |
| 8840-2-9820-69-5041-4082 | 408 | Tx Oth Inc Tx-St Unempl Tax | - | - | - | - | - |
| 8840-2-9820-69-5041-4083 | 408 | Tx Oth Inc Tx-Mun Op Prop | - | - | - | - | - |
| 8840-2-9820-69-5042-4080 | 408 | Medicare | - | - | - | - | - |
| 8840-2-9820-69-5043-9267 | 926 | Pension | 1,200,584 | 597,000 | 603,584 | 603,584 | 603,584 |
| 8840-2-9820-69-5044-9262 | 926 | FAS 106 (Retiree Health Care) | - | 150,983 | 27,714 | 123,269 | 123,269 |
| 8840-2-9820-69-5130-9210 | 921 | Office Supplies-Finance and Admin | - | 96,595 | 48,984 | 47,611 | 47,611 |
| 8840-2-9820-69-5130-9215 | 921 | Office supplies & exp Fin & Adm LU Headoffice | - | 33 | - | 33 | 33 |
| 8840-2-9820-69-5130-9216 | 921 | Meals & Entertain Fin & Adm LU HO | - | 1,025 | - | 1,025 | 1,025 |
| 8840-2-9820-69-5131-9211 | 921 | Travel-Finance | - | 8,159 | 1,313 | 6,846 | 6,846 |
| 8840-2-9820-69-5131-9212 | 921 | Utilities - Finance | - | 46,764 | - | 46,764 | 46,764 |
| 8840-2-9820-69-5131-9213 | 921 | Communication | - | - | - | - | - |
| 8840-2-9820-69-5131-9214 | 921 | Dues & Membership Fees | - | 364 | - | 364 | 364 |
| 8840-2-9820-69-5131-9215 | 921 | Training | - | 341 | - | 341 | 341 |
| 8840-2-9820-69-5131-9216 | 921 | Postage | - | 972 | - | 972 | 972 |
| 8840-2-9820-69-5200-9220 | 922 | Admin Expenses Transferred - Credit Finance | - | 216,345 | 1,297,327 | (1,080,982) | (1,080,982) |
| 8840-2-9820-69-5200-9230 | 923 | Outsided services-Finance and Admin | - | 135,964 | 5,964 | 130,000 | 130,000 |
| 8840-2-9820-69-5200-9238 | 923 | LU Corp US Admin Allocations | - | 343 | - | 343 | 343 |
| 8840-2-9820-69-5200-9239 | 923 | East Region Outside Services - Finance | - | - | - | - | - |
| 8840-2-9820-69-5280-9240 | 924 | Insurance | - | 534,077 | 501,453 | 32,625 | 32,625 |
| 8840-2-9820-69-5280-9250 | 925 | Injuries and Damages | - | 803,521 | 138,157 | 665,363 | 665,363 |

| | | | | | | |
|--------------------------|-----|--|---|------------|---------|------------|
| 8840-2-9820-69-5615-9302 | 930 | Miscellaneous General Expense | - | - | - | - |
| 8840-2-9820-69-5680-4080 | 408 | Property Tax | - | 13,018,522 | 792,277 | 12,226,244 |
| 8840-2-9820-69-7030-9200 | 920 | LTIP Expense | - | - | - | 12,226,244 |
| 8840-2-9820-69-7450-4263 | 426 | Penalties | - | - | - | - |
| 8840-2-9820-69-7450-4265 | 426 | Other Deductions | - | - | - | - |
| 8840-2-9821-69-5010-9204 | 920 | LABS CAN ERM LABOR | - | 10,694 | - | 10,694 |
| 8840-2-9821-69-5200-9237 | 923 | LABS US Corp Admin Alloc | - | - | - | - |
| 8840-2-9822-69-5010-9204 | 920 | A&G Salaries - Treasury LABS Headoffice | - | - | - | - |
| 8840-2-9822-69-5010-9205 | 920 | LABS Corporate Service Labour allocation | - | 32,264 | - | 32,264 |
| 8840-2-9822-69-5130-9210 | 921 | Office Supplies-Treasury | - | - | - | - |
| 8840-2-9822-69-5130-9215 | 921 | Office supplies & exp Treasury LU Headoffice | - | - | - | - |
| 8840-2-9822-69-5130-9216 | 921 | Meals & Entertain Treasury LU HO | - | - | - | - |
| 8840-2-9822-69-5131-9211 | 921 | Travel-Treasury | - | - | - | - |
| 8840-2-9822-69-5131-9212 | 921 | Utilities - Treasury | - | - | - | - |
| 8840-2-9822-69-5131-9213 | 921 | Communication - Treasury | - | - | - | - |
| 8840-2-9822-69-5131-9214 | 921 | Dues & Membership Fees - Treasury | - | - | - | - |
| 8840-2-9822-69-5131-9215 | 921 | Training - Treasury | - | - | - | - |
| 8840-2-9822-69-5131-9216 | 921 | Postage - Treasury | - | - | - | - |
| 8840-2-9822-69-5200-9220 | 922 | Admin Expenses Transferred - Credit Treasury | - | - | - | - |
| 8840-2-9822-69-5200-9230 | 923 | Outsided services- Treasury | - | - | - | - |
| 8840-2-9822-69-5200-9238 | 923 | LU Corp US Admin Allocations | - | 538 | - | 538 |
| 8840-2-9823-69-5010-9200 | 920 | A&G salaries - Legal | - | 236,017 | 80,914 | 155,103 |
| 8840-2-9823-69-5010-9204 | 920 | LABS CAN LEGAL LABOR | - | 8,631 | - | 8,631 |
| 8840-2-9823-69-5010-9205 | 920 | LABS Corporate Service Labour allocation | - | 32,209 | - | 32,209 |
| 8840-2-9823-69-5010-9207 | 920 | LABS US Corp lab alloc-Legal | - | 4,384 | - | 4,384 |
| 8840-2-9823-69-5010-9209 | 920 | East Region Labor - Legal | - | 13,814 | - | 13,814 |
| 8840-2-9823-69-5010-9220 | 922 | Admin Exp Tran CR - Credit Legal | - | 1,263 | 32,854 | (31,591) |
| 8840-2-9823-69-5110-9310 | 931 | Rent Expense | - | 15,068 | - | 15,068 |
| 8840-2-9823-69-5130-9210 | 921 | Office Supplies-Legal | - | 18,565 | 1,782 | 16,783 |
| 8840-2-9823-69-5130-9216 | 921 | Meals | - | 111 | - | 111 |
| 8840-2-9823-69-5131-9211 | 921 | Travel | - | 18 | - | 18 |
| 8840-2-9823-69-5131-9212 | 921 | Utilities - Legal | - | 8,133 | - | 8,133 |
| 8840-2-9823-69-5131-9213 | 921 | Communication | - | - | - | - |
| 8840-2-9823-69-5131-9214 | 921 | Dues & Membership Fees | - | - | - | - |
| 8840-2-9823-69-5131-9215 | 921 | Training | - | 668 | - | 668 |
| 8840-2-9823-69-5131-9216 | 921 | Postage | - | 70 | - | 70 |
| 8840-2-9823-69-5200-9220 | 922 | Admin Expenses Transferred - Credit | - | 1,464 | 240,652 | (239,188) |
| 8840-2-9823-69-5200-9230 | 923 | Outsided services-Legal | - | 103,303 | 430 | 102,873 |
| 8840-2-9823-69-5200-9239 | 923 | East Region Outside Services - Legal | - | 1,280 | - | 1,280 |
| 8840-2-9823-69-5250-9030 | 903 | Customer records and collection expenses | - | - | - | - |
| 8840-2-9823-69-5280-9250 | 925 | Injury and damages | - | 50 | - | 50 |
| 8840-2-9823-69-5615-9302 | 930 | Miscellaneous General Expense | - | - | - | - |
| 8840-2-9823-69-7450-4265 | 426 | Other Deductions | - | - | - | - |
| 8840-2-9824-69-5010-9204 | 920 | A&G Salaries - Internal Audit LABS Headoffice | - | - | - | - |
| 8840-2-9824-69-5010-9205 | 920 | LABS Corporate Service Labour allocation | - | 6,379 | - | 6,379 |
| 8840-2-9824-69-5010-9207 | 920 | LABS US Corp lab alloc-Internal Audit | - | 99,103 | - | 99,103 |
| 8840-2-9824-69-5130-9215 | 921 | Office Supplies & Exp - Internal Audit LU HO | - | 128 | - | 128 |
| 8840-2-9824-69-5130-9216 | 921 | Meals& Entertain - Internal Audit LU HO | - | 401 | - | 401 |
| 8840-2-9824-69-5131-9211 | 921 | Travel - Internal Audit | - | 2,449 | - | 2,449 |
| 8840-2-9824-69-5200-9230 | 923 | Outside Services - Internal Audit | - | 47 | - | 47 |
| 8840-2-9824-69-5200-9238 | 923 | LU Corp US Admin Allocations | - | - | - | - |
| 8840-2-9825-51-5010-8740 | 874 | Mains & Services Labor | - | 115,053 | 27,139 | 87,913 |
| 8840-2-9825-51-5436-8740 | 874 | Mains & Services Expense | - | 1,087,304 | 333,542 | 753,763 |
| 8840-2-9825-69-5010-9200 | 920 | A&G Salaries - Purchasing | - | 202,214 | 63,055 | 139,159 |
| 8840-2-9825-69-5010-9204 | 920 | A&G Salaries - Purchasing LABS Headoffice | - | 11,886 | - | 11,886 |
| 8840-2-9825-69-5010-9209 | 920 | East Region Labor - Supply Chain | - | - | - | - |
| 8840-2-9825-69-5010-9220 | 922 | Admin Exp Tran CR - Credit Purchasing | - | 53,335 | 248,298 | (194,963) |
| 8840-2-9825-69-5110-9310 | 931 | Rents | - | - | - | - |
| 8840-2-9825-69-5130-9210 | 921 | Office Supplies-Purchasing | - | 27,389 | 1,498 | 25,891 |
| 8840-2-9825-69-5130-9215 | 921 | Office Supplies & exp - Purchasing LU HO | - | - | - | - |
| 8840-2-9825-69-5130-9216 | 921 | Meals | - | 169 | - | 169 |
| 8840-2-9825-69-5131-9211 | 921 | Travel - Procurement | - | 109 | - | 109 |
| 8840-2-9825-69-5131-9212 | 921 | Utilities - Procurement | - | 16,266 | - | 16,266 |
| 8840-2-9825-69-5131-9213 | 921 | Communication | - | - | - | - |
| 8840-2-9825-69-5131-9214 | 921 | Dues & Membership Fees | - | - | - | - |
| 8840-2-9825-69-5131-9215 | 921 | Training | - | - | - | - |
| 8840-2-9825-69-5200-9220 | 922 | Admin Expenses Transferred - Credit Purchasing | - | 108,458 | 607,114 | (498,656) |
| 8840-2-9825-69-5200-9230 | 923 | Outsided services-Purchasing | - | - | - | - |
| 8840-2-9825-69-5200-9237 | 923 | LABS US Corp Admin Allocations | - | 8,985 | - | 8,985 |
| 8840-2-9825-69-5615-9302 | 930 | Miscellaneous General Expense | - | - | - | - |
| 8840-2-9825-69-7450-4265 | 426 | Other Deductions | - | - | - | - |
| 8840-2-9827-69-5010-9204 | 920 | LABS CAN LEGAL LABOR | - | 63,668 | - | 63,668 |
| 8840-2-9827-69-5010-9205 | 920 | LABS Corporate Service Labour allocation | - | - | - | - |
| 8840-2-9827-69-5010-9207 | 920 | LABS US Corp lab alloc-FP&A | - | 344 | - | 344 |
| 8840-2-9827-69-5130-9216 | 921 | Meals & Entertain - FPA | - | - | - | - |
| 8840-2-9827-69-5131-9211 | 921 | Travel - FPA | - | - | - | - |
| 8840-2-9827-69-5200-9237 | 923 | LABS US Corp Admin Allocations | - | 1,382 | - | 1,382 |
| 8840-2-9828-69-5010-9205 | 920 | A&G Salaries-LABS Compliance | - | 10,514 | - | 10,514 |
| 8840-2-9828-69-5010-9207 | 920 | LABS US Corp lab alloc-Compliance | - | 15,405 | - | 15,405 |
| 8840-2-9828-69-5130-9210 | 921 | Office Supplies-Treasury | - | - | - | - |
| 8840-2-9828-69-5130-9215 | 921 | Office supplies & exp Treasury LU Headoffice | - | - | - | - |
| 8840-2-9828-69-5130-9216 | 921 | Meals & Entertain Treasury LU HO | - | - | - | - |
| 8840-2-9828-69-5131-9211 | 921 | Travel-Treasury | - | - | - | - |
| 8840-2-9828-69-5131-9212 | 921 | Utilities - Treasury | - | - | - | - |
| 8840-2-9828-69-5131-9213 | 921 | Communication - Treasury | - | - | - | - |
| 8840-2-9828-69-5131-9214 | 921 | Dues & Membership Fees - Treasury | - | - | - | - |
| 8840-2-9828-69-5131-9215 | 921 | Training - Treasury | - | - | - | - |
| 8840-2-9828-69-5131-9216 | 921 | Postage - Treasury | - | - | - | - |
| 8840-2-9828-69-5200-9220 | 922 | Admin Expenses Transferred - Credit Treasury | - | - | - | - |
| 8840-2-9828-69-5200-9230 | 923 | Outsided services- Treasury | - | - | - | - |
| 8840-2-9830-69-5010-9200 | 920 | A&G salaries - Regulatory | - | 629,501 | 195,475 | 434,026 |
| 8840-2-9830-69-5010-9201 | 920 | A&G Salaries - Regulatory LU Headoffice | - | 40,645 | 4,594 | 36,051 |
| 8840-2-9830-69-5010-9220 | 922 | Admin Exp Tran CR - Credit Regulatory | - | 3,179 | 66,939 | (63,761) |
| 8840-2-9830-69-5040-4080 | 408 | Social Security Taxes | - | - | - | - |
| 8840-2-9830-69-5041-4080 | 408 | Federal Unemployment Taxes | - | - | - | - |
| 8840-2-9830-69-5041-4082 | 408 | Tx Oth Inc Tx-St Unempl Tax | - | - | - | - |
| 8840-2-9830-69-5042-4080 | 408 | Medicare | - | - | - | - |
| 8840-2-9830-69-5130-9210 | 921 | Office Supplies-Regulatory | - | 27,630 | - | 27,630 |
| 8840-2-9830-69-5130-9215 | 921 | Office supplies & exp Regulatory LU Headoffice | - | 42 | - | 42 |
| 8840-2-9830-69-5130-9216 | 921 | Meals & Entertain Regulatory LU HO | - | 66 | - | 66 |
| 8840-2-9830-69-5131-9211 | 921 | Travel-Regulatory | - | 6,116 | - | 6,116 |
| 8840-2-9830-69-5131-9212 | 921 | Utilities - Regulatory | - | 12,199 | - | 12,199 |
| 8840-2-9830-69-5131-9215 | 921 | Training | - | 1,688 | - | 1,688 |

| | | | | | | | |
|--------------------------|-----|---|---|-----------|-----------|-------------|-------------|
| 8840-2-9830-69-5131-9216 | 921 | Postage | - | 89 | - | 89 | 89 |
| 8840-2-9830-69-5200-9220 | 922 | Admin Expenses Transferred - Credit | - | 10,700 | 102,295 | (91,595) | (91,595) |
| 8840-2-9830-69-5200-9230 | 923 | Outsided services-Regulatory | - | 99,851 | - | 99,851 | 99,851 |
| 8840-2-9830-69-5610-9280 | 928 | Regulatory Commission Expense | - | 1,028,449 | 221,615 | 806,833 | 806,833 |
| 8840-2-9830-69-5615-9302 | 930 | Miscellaneous General Expense | - | - | - | - | - |
| 8840-2-9835-69-5010-9200 | 920 | A&G Salaries - Energy Procurement | - | - | - | - | - |
| 8840-2-9835-69-5010-9201 | 920 | A&G Salaries LUC Energy procurement | - | 26,621 | - | 26,621 | 26,621 |
| 8840-2-9835-69-5010-9208 | 920 | LU Corp US Energy Procurement labor | - | 446,233 | 72,131 | 374,102 | 374,102 |
| 8840-2-9835-69-5010-9209 | 920 | East Region Labor -Energy Procurement | - | 20,298 | - | 20,298 | 20,298 |
| 8840-2-9835-69-5010-9220 | 922 | Admin Exp Tran CR - Credit EE | - | - | - | - | - |
| 8840-2-9835-69-5040-4080 | 408 | Social Security Taxes | - | - | - | - | - |
| 8840-2-9835-69-5041-4080 | 408 | Federal Unemployment Taxes | - | - | - | - | - |
| 8840-2-9835-69-5041-4082 | 408 | Tx Oth Inc Tx-St Unempl Tax | - | - | - | - | - |
| 8840-2-9835-69-5042-4080 | 408 | Medicare | - | - | - | - | - |
| 8840-2-9835-69-5130-9210 | 921 | Office Supplies-Energy Procurement | - | 134,092 | 1,039 | 133,053 | 133,053 |
| 8840-2-9835-69-5130-9216 | 921 | Meals & Entertainment | - | 331 | - | 331 | 331 |
| 8840-2-9835-69-5131-9211 | 921 | Travel - Energy Procurement | - | 6,875 | - | 6,875 | 6,875 |
| 8840-2-9835-69-5131-9212 | 921 | Utilities - Energy Procurement | - | 28,465 | - | 28,465 | 28,465 |
| 8840-2-9835-69-5131-9214 | 921 | Dues & Membership Fees | - | - | - | - | - |
| 8840-2-9835-69-5200-9220 | 922 | Admin Expenses Transferred - Credit EE | - | - | 756,401 | (756,401) | (756,401) |
| 8840-2-9835-69-5200-9230 | 923 | Outsided services-Energy Procurement | - | 225,163 | 9,072 | 216,091 | 216,091 |
| 8840-2-9835-69-5200-9239 | 923 | East Region Outside Services - Energy Procurement | - | - | - | - | - |
| 8840-2-9835-69-5615-9302 | 930 | Miscellaneous General Expense | - | - | - | - | - |
| 8840-2-9840-69-5010-9200 | 920 | A&G Salaries - Procurement/Supply Chain | - | - | - | - | - |
| 8840-2-9840-69-5010-9209 | 920 | Regional Labor | - | 57,554 | - | 57,554 | 57,554 |
| 8840-2-9840-69-5010-9220 | 922 | Admin Exp Tran CR - Credit BD | - | - | - | - | - |
| 8840-2-9840-69-5040-4080 | 408 | Social Security Taxes | - | - | - | - | - |
| 8840-2-9840-69-5110-9310 | 931 | Rent Expense | - | - | - | - | - |
| 8840-2-9840-69-5130-9210 | 921 | Office Supplies-Procurement/Supply Chain | - | - | - | - | - |
| 8840-2-9840-69-5131-9211 | 921 | Regional Travel | - | 4,951 | - | 4,951 | 4,951 |
| 8840-2-9840-69-5200-9220 | 922 | Admin Expenses Transferred - Credit BD | - | - | 132,984 | (132,984) | (132,984) |
| 8840-2-9840-69-5200-9230 | 923 | Outsided services-Procurement/Supply Chain | - | 7,875 | - | 7,875 | 7,875 |
| 8840-2-9840-69-5615-9302 | 930 | Miscellaneous General Expense | - | - | - | - | - |
| 8840-2-9850-51-5435-8710 | 871 | Oper-Dist-Load Dispatching | - | - | - | - | - |
| 8840-2-9850-56-5210-8870 | 887 | Main of Mains Expense | - | 10,344 | - | 10,344 | 10,344 |
| 8840-2-9850-69-5010-9200 | 920 | A&G salaries - Operations | - | 124,413 | 19,966 | 104,447 | 104,447 |
| 8840-2-9850-69-5010-9201 | 920 | A&G Salaries - Operations LU Headoffice | - | 56,565 | 1,858 | 54,707 | 54,707 |
| 8840-2-9850-69-5010-9208 | 920 | LU Corp US Operations labor | - | 387,062 | - | 387,062 | 387,062 |
| 8840-2-9850-69-5010-9220 | 922 | Admin Exp Tran CR - Credit Oper | - | - | - | - | - |
| 8840-2-9850-69-5040-4080 | 408 | Social Security Taxes | - | - | - | - | - |
| 8840-2-9850-69-5041-4080 | 408 | Federal Unemployment Taxes | - | - | - | - | - |
| 8840-2-9850-69-5041-4082 | 408 | Tx Oth Inc Tx-St Unempl Tax-Procurement | - | - | - | - | - |
| 8840-2-9850-69-5042-4080 | 408 | Medicare | - | - | - | - | - |
| 8840-2-9850-69-5130-9210 | 921 | Office Supplies-Operations | - | 11,341 | 807 | 10,534 | 10,534 |
| 8840-2-9850-69-5130-9215 | 921 | Office supplies & exp Operations LU Headoffice | - | - | - | - | - |
| 8840-2-9850-69-5130-9216 | 921 | Meals & Entertainment Operations LU HO | - | 709 | - | 709 | 709 |
| 8840-2-9850-69-5131-9211 | 921 | Travel-Operations | - | 8,525 | - | 8,525 | 8,525 |
| 8840-2-9850-69-5131-9213 | 921 | Communication | - | 18,299 | - | 18,299 | 18,299 |
| 8840-2-9850-69-5131-9214 | 921 | Dues & Membership Fees | - | - | - | - | - |
| 8840-2-9850-69-5131-9215 | 921 | Training | - | 668 | - | 668 | 668 |
| 8840-2-9850-69-5200-9220 | 922 | Admin Expenses Transferred - Credit Oper | - | 551,282 | 919,048 | (367,766) | (367,766) |
| 8840-2-9850-69-5200-9230 | 923 | Outsided services-Operations | - | 11,367 | 1,592 | 9,774 | 9,774 |
| 8840-2-9850-69-7450-4265 | 426 | Other Deductions | - | - | - | - | - |
| 8840-2-9852-51-5010-8462 | 846 | Other Expenses - LNG - Labor | - | 264 | 1 | 263 | 263 |
| 8840-2-9852-51-5010-8740 | 874 | Mains & Service Labor | - | 4,692,591 | 1,356,039 | 3,336,553 | 3,336,553 |
| 8840-2-9852-51-5010-8780 | 878 | Meter & House Regulator - Labor | - | 1,381,018 | 342,040 | 1,038,978 | 1,038,978 |
| 8840-2-9852-51-5010-8790 | 879 | Customer Installations - Labor | - | 801,109 | 206,754 | 594,355 | 594,355 |
| 8840-2-9852-51-5010-8800 | 880 | Other Expenses - Labor | - | 1,142,880 | 317,166 | 825,714 | 825,714 |
| 8840-2-9852-51-5430-8790 | 879 | Customer Installations Expense | - | 214,482 | 219,183 | (4,701) | (4,701) |
| 8840-2-9852-51-5435-8800 | 880 | Other Expenses | - | 791,876 | 72,527 | 719,349 | 719,349 |
| 8840-2-9852-51-5435-8810 | 881 | Distribution-Rents-Expense | - | 10,643 | 25 | 10,618 | 10,618 |
| 8840-2-9852-51-5436-8740 | 874 | Mains & Services Expense | - | 1,359,987 | 49,321 | 1,310,667 | 1,310,667 |
| 8840-2-9852-51-5437-8780 | 878 | Meter & House Regulator Expenses | - | 79,142 | 58 | 79,084 | 79,084 |
| 8840-2-9852-51-5439-8462 | 846 | Other Expenses - LNG | - | 1 | 0 | 1 | 1 |
| 8840-2-9852-56-5010-8860 | 886 | Maint of Structures & Improvements - Labor | - | 142,456 | 30,032 | 112,424 | 112,424 |
| 8840-2-9852-56-5010-8870 | 887 | Maint of mains Labor | - | 1,084,916 | 304,020 | 780,896 | 780,896 |
| 8840-2-9852-56-5010-8920 | 892 | Maint of Services - Labor | - | 280,490 | 78,339 | 202,150 | 202,150 |
| 8840-2-9852-56-5010-8930 | 893 | Maint of Meters & House Regulators - Labor | - | 266,148 | 66,434 | 199,714 | 199,714 |
| 8840-2-9852-56-5010-8940 | 894 | Maint of Other Eqt Labor | - | 115,967 | 27,697 | 88,270 | 88,270 |
| 8840-2-9852-56-5210-7420 | 742 | Maint of Production Eqt | - | - | - | - | - |
| 8840-2-9852-56-5210-8860 | 886 | Maint of Structures & Improvements | - | 19,495 | 2,427 | 17,068 | 17,068 |
| 8840-2-9852-56-5210-8870 | 887 | Main of Mains Expense | - | 2,521,451 | 723,680 | 1,797,771 | 1,797,771 |
| 8840-2-9852-56-5210-8890 | 889 | Maint of Meas & Reg stn - Gen exp | - | - | - | - | - |
| 8840-2-9852-56-5210-8920 | 892 | Maint of Services Expense | - | 346,258 | 116,936 | 229,322 | 229,322 |
| 8840-2-9852-56-5210-8930 | 893 | Maint of Meters & House Regulators Exp | - | 78,453 | 75 | 78,379 | 78,379 |
| 8840-2-9852-56-5210-8940 | 894 | Maint of other Equip Exp | - | 259,453 | 13,170 | 246,283 | 246,283 |
| 8840-2-9852-69-5010-9020 | 902 | Meter Reading - Labor | - | 327,904 | 80,051 | 247,853 | 247,853 |
| 8840-2-9852-69-5010-9030 | 903 | Customer Records & Collection Labor | - | 181,111 | 49,724 | 131,386 | 131,386 |
| 8840-2-9852-69-5010-9220 | 922 | Admin Credit | - | - | 5,377 | (5,377) | (5,377) |
| 8840-2-9852-69-5130-9210 | 921 | Office Supplies | - | 18,148 | - | 18,148 | 18,148 |
| 8840-2-9852-69-5130-9215 | 921 | Office supplies & exp OPS Gas HO | - | - | - | - | - |
| 8840-2-9852-69-5130-9216 | 921 | Meals | - | 292 | - | 292 | 292 |
| 8840-2-9852-69-5131-9211 | 921 | Travel | - | 2,521 | - | 2,521 | 2,521 |
| 8840-2-9852-69-5131-9212 | 921 | Utilities | - | - | - | - | - |
| 8840-2-9852-69-5131-9213 | 921 | Communication | - | - | - | - | - |
| 8840-2-9852-69-5131-9214 | 921 | Dues & Membership Fees | - | 4,694 | - | 4,694 | 4,694 |
| 8840-2-9852-69-5131-9215 | 921 | Training | - | 1,024 | - | 1,024 | 1,024 |
| 8840-2-9852-69-5200-9220 | 922 | Admin Credit | - | 1,823,661 | 7,075,562 | (5,251,902) | (5,251,902) |
| 8840-2-9852-69-5200-9230 | 923 | Outside Services | - | 33 | - | 33 | 33 |
| 8840-2-9852-69-5250-9020 | 902 | Meter Reading Expenses | - | 18,719 | - | 18,719 | 18,719 |
| 8840-2-9852-69-5250-9030 | 903 | Customer Records & Collection Expenses | - | 2,871 | - | 2,871 | 2,871 |
| 8840-2-9852-69-5615-9302 | 930 | Miscellaneous General Expense | - | - | - | - | - |
| 8840-2-9852-69-7450-4261 | 426 | Donations | - | - | - | - | - |
| 8840-2-9852-69-7450-4263 | 426 | Penalties | - | - | - | - | - |
| 8840-2-9852-69-7450-4265 | 426 | Finance Charges | - | - | - | - | - |
| 8840-2-9853-51-5010-7100 | 710 | Operation Supervision & Engineering | - | 1,291,343 | 346,698 | 944,645 | 944,645 |
| 8840-2-9853-51-5010-7170 | 717 | Liquefied Petroleum Gas | - | - | - | - | - |
| 8840-2-9853-51-5010-7280 | 728 | Liquefied Petroleum Gas | - | - | - | - | - |
| 8840-2-9853-51-5010-7350 | 735 | Misc Production Expense | - | - | - | - | - |
| 8840-2-9853-51-5010-8710 | 871 | Oper Dist Load Dispatching | - | 713,029 | 137,961 | 575,068 | 575,068 |
| 8840-2-9853-51-5010-8740 | 874 | Mains & Services Labor | - | - | - | - | - |
| 8840-2-9853-51-5010-8750 | 875 | Distribution Measuring Labor | - | - | - | - | - |
| 8840-2-9853-51-5010-8800 | 880 | Other Expenses Labor | - | 55,971 | 20,034 | 35,937 | 35,937 |

| | | | | | | | |
|--------------------------|-----|---|---|-----------|-----------|-------------|-------------|
| 8840-2-9853-51-5430-8790 | 879 | Customer Installations Expense | - | - | - | - | - |
| 8840-2-9853-51-5435-8800 | 880 | Other Expenses | - | 96,996 | 1,584 | 95,412 | 95,412 |
| 8840-2-9853-51-5437-8780 | 878 | Meter & House Regulator Expenses | - | - | - | - | - |
| 8840-2-9853-51-5439-8462 | 846 | Other Expenses - LNG | - | 25,852 | 1,993,587 | (1,967,735) | (1,967,735) |
| 8840-2-9853-51-5444-7350 | 735 | Misc Production Expense | - | 177,628 | 563 | 177,066 | 177,066 |
| 8840-2-9853-51-5540-7100 | 710 | Operation Supervision & Engineering | - | 25,853 | 1,362 | 24,491 | 24,491 |
| 8840-2-9853-51-5540-7170 | 717 | Liquefied Petroleum Gas | - | - | - | - | - |
| 8840-2-9853-56-5010-8700 | 870 | Operations Supervision & Engineering | - | 1,045 | 1,045 | - | - |
| 8840-2-9853-56-5010-8920 | 892 | Maint of Services Labor | - | - | - | - | - |
| 8840-2-9853-56-5210-7420 | 742 | Maint of Production Equipment | - | 78,298 | 5,965 | 72,334 | 72,334 |
| 8840-2-9853-56-5435-8700 | 870 | Operation Supervision & Engineering | - | 33,322 | 15 | 33,307 | 33,307 |
| 8840-2-9853-69-5010-9200 | 920 | Admin & General Salaries | - | - | - | - | - |
| 8840-2-9853-69-5010-9208 | 920 | Control/Dispatch LIBCORP US Labor | - | - | - | - | - |
| 8840-2-9853-69-5010-9220 | 922 | Admin Exp Transferred - Credit | - | - | - | - | - |
| 8840-2-9853-69-5130-9210 | 921 | Office Supplies & Exp | - | 4,068 | 634 | 3,434 | 3,434 |
| 8840-2-9853-69-5130-9216 | 921 | Meals | - | 1,580 | - | 1,580 | 1,580 |
| 8840-2-9853-69-5131-9211 | 921 | Travel | - | 5,904 | - | 5,904 | 5,904 |
| 8840-2-9853-69-5131-9212 | 921 | Utilities | - | - | - | - | - |
| 8840-2-9853-69-5131-9213 | 921 | Communication | - | 147,648 | 1,922 | 145,726 | 145,726 |
| 8840-2-9853-69-5131-9214 | 921 | Dues & Membership Fees | - | - | - | - | - |
| 8840-2-9853-69-5131-9215 | 921 | Training | - | - | - | - | - |
| 8840-2-9853-69-5200-9220 | 922 | Admin Expense Transferred | - | 37,011 | 937,964 | (900,953) | (900,953) |
| 8840-2-9853-69-5200-9230 | 923 | Outside Services | - | - | - | - | - |
| 8840-2-9853-69-5250-9030 | 903 | Customer Records & Collection Expenses | - | - | - | - | - |
| 8840-2-9853-69-5615-9302 | 930 | Miscellaneous General Expense | - | - | - | - | - |
| 8840-2-9854-51-5010-8740 | 874 | Mains & Service Expenses-Labor | - | 5,892 | 2,067 | 3,825 | 3,825 |
| 8840-2-9854-51-5436-8740 | 874 | Mains & Service Expenses | - | 6,787 | - | 6,787 | 6,787 |
| 8840-2-9854-56-5010-8700 | 870 | Operations Supervision & Engineering-Labor | - | 622,482 | 291,123 | 331,359 | 331,359 |
| 8840-2-9854-56-5010-8870 | 887 | Maint of Mains-Labor | - | 17,189 | 5,259 | 11,931 | 11,931 |
| 8840-2-9854-56-5210-8870 | 887 | Maint of Mains-Exp | - | 8,870 | - | 8,870 | 8,870 |
| 8840-2-9854-56-5435-8700 | 870 | Operations Supervision & Engineering | - | 170,010 | 5,274 | 164,736 | 164,736 |
| 8840-2-9854-69-5010-9220 | 922 | Admin Exp Tran CR - Credit Engineering | - | 2,979 | 19,145 | (16,166) | (16,166) |
| 8840-2-9854-69-5130-9210 | 921 | Office Supplies & Expenses | - | 4,708 | - | 4,708 | 4,708 |
| 8840-2-9854-69-5130-9216 | 921 | Meals & Entertainment | - | 2,529 | - | 2,529 | 2,529 |
| 8840-2-9854-69-5131-9211 | 921 | Travel | - | 18,768 | 30 | 18,738 | 18,738 |
| 8840-2-9854-69-5131-9213 | 921 | Communication | - | 1,875 | - | 1,875 | 1,875 |
| 8840-2-9854-69-5131-9214 | 921 | Dues & Membership Fees | - | 37,573 | - | 37,573 | 37,573 |
| 8840-2-9854-69-5131-9215 | 921 | Training-Engineering | - | 10,791 | - | 10,791 | 10,791 |
| 8840-2-9854-69-5131-9216 | 921 | Postage | - | - | - | - | - |
| 8840-2-9854-69-5200-9220 | 922 | Admin Expenses Transferred - Credit Engineering | - | 306,382 | 1,061,621 | (755,238) | (755,238) |
| 8840-2-9854-69-5200-9230 | 923 | Outside Services | - | 84,972 | 6,972 | 78,000 | 78,000 |
| 8840-2-9854-69-5615-9302 | 930 | Miscellaneous General Expense | - | - | - | - | - |
| 8840-2-9854-69-7450-4265 | 426 | Other Deductions | - | 42,000 | - | 42,000 | 42,000 |
| 8840-2-9855-69-5010-9200 | 920 | A&G salaries - Legal | - | - | - | - | - |
| 8840-2-9855-69-5040-4080 | 408 | Social Security Taxes | - | - | - | - | - |
| 8840-2-9855-69-5041-4080 | 408 | Federal Unemployment Taxes | - | - | - | - | - |
| 8840-2-9855-69-5041-4082 | 408 | Tx Oth Inc Tx-St Unempl Tax-Legal | - | - | - | - | - |
| 8840-2-9855-69-5042-4080 | 408 | Medicare | - | - | - | - | - |
| 8840-2-9855-69-5130-9210 | 921 | Office Supplies-Legal | - | - | - | - | - |
| 8840-2-9855-69-5200-9230 | 923 | Outsided services-Legal | - | - | - | - | - |
| 8840-2-9860-69-5010-9200 | 920 | A&G salaries - Executive | - | 706,872 | 233,922 | 472,950 | 472,950 |
| 8840-2-9860-69-5010-9202 | 920 | A&G Salaries - Executive APUC Headoffice | - | 500,159 | 8,596 | 491,563 | 491,563 |
| 8840-2-9860-69-5010-9204 | 920 | A&G Salaries - Executive LABS Headoffice | - | 38,207 | - | 38,207 | 38,207 |
| 8840-2-9860-69-5010-9209 | 920 | LU Region labor | - | 80,964 | - | 80,964 | 80,964 |
| 8840-2-9860-69-5010-9220 | 922 | Admin Exp Tran CR - Credit Exec | - | 59,445 | 263,427 | (203,982) | (203,982) |
| 8840-2-9860-69-5040-4080 | 408 | Social Security Taxes | - | - | - | - | - |
| 8840-2-9860-69-5041-4080 | 408 | Federal Unemployment Taxes | - | - | - | - | - |
| 8840-2-9860-69-5041-4082 | 408 | Tx Oth Inc Tx-St Unempl Tax | - | - | - | - | - |
| 8840-2-9860-69-5042-4080 | 408 | Medicare | - | - | - | - | - |
| 8840-2-9860-69-5110-9310 | 931 | Rent Expense | - | 8,621 | - | 8,621 | 8,621 |
| 8840-2-9860-69-5130-9210 | 921 | Office Supplies - Executive | - | 25,191 | 379 | 24,812 | 24,812 |
| 8840-2-9860-69-5130-9215 | 921 | Office & Supplies & Expense - Executive LU HO | - | - | - | - | - |
| 8840-2-9860-69-5130-9216 | 921 | Meals & Entertainment - Executive LU HO | - | 5,773 | 117 | 5,656 | 5,656 |
| 8840-2-9860-69-5130-9217 | 921 | Office supplies & exp Executive APUC Headoffice | - | 1,151 | - | 1,151 | 1,151 |
| 8840-2-9860-69-5131-9211 | 921 | Travel | - | 32,004 | 2,588 | 29,417 | 29,417 |
| 8840-2-9860-69-5131-9212 | 921 | Utilities - Executive/ Business Development | - | 18,299 | - | 18,299 | 18,299 |
| 8840-2-9860-69-5131-9213 | 921 | Communication | - | - | - | - | - |
| 8840-2-9860-69-5131-9214 | 921 | Dues & Membership Fees | - | 109,699 | - | 109,699 | 109,699 |
| 8840-2-9860-69-5131-9215 | 921 | Training | - | 1,298 | - | 1,298 | 1,298 |
| 8840-2-9860-69-5200-9220 | 922 | Admin Expenses Transferred - Credit Exec | - | 579,104 | 1,481,511 | (902,408) | (902,408) |
| 8840-2-9860-69-5200-9230 | 923 | Outsided services employed | - | 1,042 | - | 1,042 | 1,042 |
| 8840-2-9860-69-5200-9237 | 923 | LABS US Corp Admin Allocations | - | 1,218 | - | 1,218 | 1,218 |
| 8840-2-9860-69-5200-9239 | 923 | LU Region Admin alloc | - | - | - | - | - |
| 8840-2-9860-69-5615-9302 | 930 | Miscellaneous General Expense | - | - | - | - | - |
| 8840-2-9860-69-7450-4261 | 426 | Donations | - | - | - | - | - |
| 8840-2-9860-69-7450-4265 | 426 | Other Deductions | - | 11,409 | 1,365 | 10,044 | 10,044 |
| 8840-2-9865-69-5010-9010 | 901 | Supervision | - | 353,916 | 110,714 | 243,201 | 243,201 |
| 8840-2-9865-69-5010-9030 | 903 | Customer Records & Collections Expenses - Labor | - | 2,033,349 | 598,806 | 1,434,544 | 1,434,544 |
| 8840-2-9865-69-5010-9090 | 909 | Info & Insr Advertising - Labor | - | 30,063 | 8,654 | 21,409 | 21,409 |
| 8840-2-9865-69-5010-9100 | 910 | Misc Customer Service & Info Exp Labor | - | - | - | - | - |
| 8840-2-9865-69-5010-9120 | 912 | Demonstating & Selling Exp Labor | - | - | - | - | - |
| 8840-2-9865-69-5010-9130 | 913 | Advertising Expenses - Labor | - | - | - | - | - |
| 8840-2-9865-69-5010-9200 | 920 | Admin Labor | - | 37,399 | 11,689 | 25,710 | 25,710 |
| 8840-2-9865-69-5010-9201 | 920 | A&G Salaries - Customer Service LU Headoffice | - | 44,762 | - | 44,762 | 44,762 |
| 8840-2-9865-69-5010-9208 | 920 | CC LIBCORP US Labor | - | - | - | - | - |
| 8840-2-9865-69-5010-9209 | 920 | East Region Labor - Customer Service | - | 186,128 | 34,565 | 151,563 | 151,563 |
| 8840-2-9865-69-5010-9220 | 922 | Admin Exp Tran CR - Credit Customer Care | - | - | - | - | - |
| 8840-2-9865-69-5040-4080 | 408 | Social Security Taxes | - | - | - | - | - |
| 8840-2-9865-69-5041-4080 | 408 | Federal Unemployment Taxes | - | - | - | - | - |
| 8840-2-9865-69-5041-4082 | 408 | Tx Oth Inc Tx-St Unempl Tax-Legal | - | - | - | - | - |
| 8840-2-9865-69-5042-4080 | 408 | Medicare | - | - | - | - | - |
| 8840-2-9865-69-5110-9310 | 931 | Rent Expense | - | 15,180 | - | 15,180 | 15,180 |
| 8840-2-9865-69-5130-9210 | 921 | Office Supplies-Customer service | - | 9,662 | 98 | 9,564 | 9,564 |
| 8840-2-9865-69-5130-9215 | 921 | Office Supplies & Exp - Customer Svc. LU OH | - | 82 | - | 82 | 82 |
| 8840-2-9865-69-5130-9216 | 921 | Meals & Entertainment - Customer Svc.LU OH | - | 3,229 | - | 3,229 | 3,229 |
| 8840-2-9865-69-5131-9211 | 921 | Travel-Customer Service | - | 18,078 | 25,542 | (7,464) | (7,464) |
| 8840-2-9865-69-5131-9213 | 921 | Communication Expense | - | - | - | - | - |
| 8840-2-9865-69-5200-9220 | 922 | Admin Expenses Transferred - Credit Customer Care | - | 221,503 | 786,026 | (564,524) | (564,524) |
| 8840-2-9865-69-5200-9230 | 923 | Outsided services-Customer service | - | 14,917 | 3,396 | 11,521 | 11,521 |
| 8840-2-9865-69-5200-9238 | 923 | LU Corp US Admin Allocations | - | 8,193 | - | 8,193 | 8,193 |
| 8840-2-9865-69-5200-9239 | 923 | East Region Outside Services - Customer Service | - | 663 | - | 663 | 663 |
| 8840-2-9865-69-5250-9010 | 901 | Customer Care Supervision Expenses | - | - | - | - | - |
| 8840-2-9865-69-5250-9030 | 903 | Customer Records & Collections Expenses | - | 2,996,269 | 1,866,834 | 1,129,434 | 1,129,434 |

| | | | | | | | |
|--------------------------|-----|--|-----------|------------|-----------|-----------|-----------|
| 8840-2-9865-69-5250-9050 | 905 | Misc Customer Accounts Expenses | - | 13,047 | - | 13,047 | 13,047 |
| 8840-2-9865-69-5390-9090 | 909 | Info & Insr Advertising Expense | - | 72,817 | 936 | 71,881 | 71,881 |
| 8840-2-9865-69-5390-9100 | 910 | Misc Customer Service & Information Expenses | - | 15,180 | - | 15,180 | 15,180 |
| 8840-2-9865-69-5390-9120 | 912 | Demonstrating & Selling Exp | - | - | - | - | - |
| 8840-2-9865-69-5390-9130 | 913 | Advertising Expenses | - | 26,691 | 177 | 26,514 | 26,514 |
| 8840-2-9865-69-5615-9302 | 930 | Miscellaneous General Expense | - | - | - | - | - |
| 8840-2-9865-69-7450-4265 | 426 | Other Deductions | - | - | - | - | - |
| 8840-2-9865-80-8660-9040 | 904 | Uncollectible Accounts | - | 2,725,578 | 1,068,778 | 1,656,800 | 1,656,800 |
| 8840-2-9866-69-5010-9020 | 902 | Meter Reading Expenses - Labor | - | 39,043 | 11,751 | 27,293 | 27,293 |
| 8840-2-9866-69-5010-9030 | 903 | Customer Records & Collections Expenses - Labor | - | 9,655 | - | 9,655 | 9,655 |
| 8840-2-9866-69-5010-9208 | 920 | LDS LIBCORP US Labor | - | - | - | - | - |
| 8840-2-9866-69-5200-9220 | 922 | Admin Expenses Transferred - Credit | - | - | 16,533 | (16,533) | (16,533) |
| 8840-2-9866-69-5250-9020 | 902 | Meter Reading Expenses | - | 6,929 | - | 6,929 | 6,929 |
| 8840-2-0000-69-5390-909C | 909 | Informational & instructional advertising expenses | - | - | - | - | - |
| 8843-2-9865-69-5390-909C | 909 | Informational & Instructional Advertising Expense | - | - | - | - | - |
| 8840-2-9866-69-5250-9030 | 903 | Customer Records & Collections Expenses | - | - | - | - | - |
| 8840-2-9866-69-5250-9050 | 905 | Misc Customer Accounts Expenses | - | - | - | - | - |
| 8840-2-9866-69-5615-9302 | 930 | Miscellaneous General Expense | - | - | - | - | - |
| 8840-2-9866-69-7450-4265 | 426 | Other Deductions | - | - | - | - | - |
| 8840-2-9867-69-5010-9120 | 912 | Demonstrating & Selling Exp Labor | - | 630,811 | 212,544 | 418,267 | 418,267 |
| 8840-2-9867-69-5010-9160 | 916 | Misc Sales Expenses - Labor | - | 128,914 | 52,615 | 76,299 | 76,299 |
| 8840-2-9867-69-5010-9220 | 922 | Admin Exp Tran CR - Credit Sales | - | 146,834 | 462,684 | (315,850) | (315,850) |
| 8840-2-9867-69-5130-9210 | 921 | Office Supplies | - | 3,027 | - | 3,027 | 3,027 |
| 8840-2-9867-69-5130-9216 | 921 | Meals | - | 2,967 | - | 2,967 | 2,967 |
| 8840-2-9867-69-5131-9211 | 921 | Travel | - | 14,788 | 205 | 14,583 | 14,583 |
| 8840-2-9867-69-5131-9213 | 921 | Communication | - | - | - | - | - |
| 8840-2-9867-69-5131-9214 | 921 | Dues & Membership Fees | - | - | - | - | - |
| 8840-2-9867-69-5131-9215 | 921 | Training | - | 471 | - | 471 | 471 |
| 8840-2-9867-69-5200-9220 | 922 | Admin Expenses Transferred - Credit Sales | - | 163,733 | 601,018 | (437,285) | (437,285) |
| 8840-2-9867-69-5200-9230 | 923 | Outside Services | - | 17,344 | 17,330 | 14 | 14 |
| 8840-2-9867-69-5390-9120 | 912 | Demonstrating & Selling Expense | - | 31,281 | - | 31,281 | 31,281 |
| 8840-2-9867-69-5390-9160 | 916 | Misc Sales Expenses | - | - | - | - | - |
| 8840-2-9867-69-5615-9302 | 930 | Miscellaneous General Expense | - | - | - | - | - |
| 8840-2-9867-69-7450-4265 | 426 | Other Deductions | - | - | - | - | - |
| 8840-2-9868-69-5010-9200 | 920 | Admin & General Salaries | - | 69,146 | 24,453 | 44,693 | 44,693 |
| 8840-2-9868-69-5010-9201 | 920 | A&G Salaries-LUC Strategic plan lab alloc | - | 1,831 | - | 1,831 | 1,831 |
| 8840-2-9868-69-5010-9220 | 922 | Admin Exp Transferred - Credit | - | 1,003 | 18,180 | (17,177) | (17,177) |
| 8840-2-9868-69-5130-9210 | 921 | Office Supplies Strategic Plan | - | 491 | - | 491 | 491 |
| 8840-2-9868-69-5130-9215 | 921 | Office Supplies & Exp LUC Strategic plan | - | - | - | - | - |
| 8840-2-9868-69-5130-9216 | 921 | Meals | - | 1,569 | - | 1,569 | 1,569 |
| 8840-2-9868-69-5131-9211 | 921 | Travel | - | 2,465 | - | 2,465 | 2,465 |
| 8840-2-9868-69-5131-9213 | 921 | Communication | - | 2,117 | - | 2,117 | 2,117 |
| 8840-2-9868-69-5131-9214 | 921 | Dues & Membership Fees | - | 7,350 | - | 7,350 | 7,350 |
| 8840-2-9868-69-5131-9215 | 921 | Training | - | 420 | - | 420 | 420 |
| 8840-2-9868-69-5131-9216 | 921 | Postage Strategic plan | - | 7 | - | 7 | 7 |
| 8840-2-9868-69-5200-9220 | 922 | Admin Expenses Transferred - Credit | - | 18,711 | 76,510 | (57,799) | (57,799) |
| 8840-2-9868-69-5200-9230 | 923 | Outside Services | - | 4,948 | - | 4,948 | 4,948 |
| 8840-2-9868-69-5390-9120 | 912 | Demonstrating & Selling Exp | - | - | - | - | - |
| 8840-2-9868-69-5610-9280 | 928 | Regulatory Comm Exp Strat Plan | - | 438 | - | 438 | 438 |
| 8840-2-9868-69-5615-9302 | 930 | Miscellaneous General Expense | - | - | - | - | - |
| 8840-2-9868-69-7450-4261 | 426 | Charitable Donations | - | 20,378 | 4,274 | 16,104 | 16,104 |
| 8840-2-9868-69-7450-4264 | 426 | Political Contributions | - | 39,028 | 6,704 | 32,324 | 32,324 |
| 8840-2-9868-69-7450-4265 | 426 | Other Deductions | - | - | - | - | - |
| 8840-2-9868-69-7450-4266 | 426 | Civic | - | 27,120 | - | 27,120 | 27,120 |
| 8840-2-9870-69-5010-9204 | 920 | A&G Salaries-Investor Relations LABS Head Office | - | - | - | - | - |
| 8840-2-9870-69-5010-9205 | 920 | LABS Corporate Service Labour allocation | - | 15,511 | - | 15,511 | 15,511 |
| 8840-2-9870-69-5200-9238 | 923 | LU Corp US Admin Allocations | - | 145 | - | 145 | 145 |
| 8843-2-0000-10-1010-1350 | 135 | Working Funds | - | 30 | 15 | 15 | 15 |
| 8843-2-0000-10-1020-1310 | 131 | Cash - JP Morgan | 4,217 | 3,542,918 | 3,538,275 | 4,644 | 8,861 |
| 8843-2-0000-10-1101-1420 | 142 | Customer Accounts Receivable | 270,692 | 3,484,278 | 3,577,078 | (92,800) | 177,892 |
| 8843-2-0000-10-1101-1421 | 142 | Customer AR-Misc Billing | 8,957 | 16,877 | 22,928 | (6,052) | 2,905 |
| 8843-2-0000-10-1101-1425 | 142 | Accounts Receivable-Pro Pack | - | - | - | - | - |
| 8843-2-0000-10-1102-1440 | 144 | Accum Prov Uncollectable Accounts | (9,128) | 54,882 | 53,997 | 884 | (8,243) |
| 8843-2-0000-10-1162-1730 | 173 | Accrued Utility Revenue | 355,452 | 3,157,500 | 3,210,427 | (52,927) | 302,525 |
| 8843-2-0000-10-1163-1755 | 175 | Deferred Reserve EE | - | 57,912 | 57,912 | - | - |
| 8843-2-0000-10-1168-1420 | 142 | Phased in Revenue - Short term | 13,282 | 777 | 1,138 | (361) | 12,921 |
| 8843-2-0000-10-1168-1823 | 182 | Deferral Decoupling Asset | - | 6,723 | 4 | 6,719 | 6,719 |
| 8843-2-0000-10-1169-1756 | 175 | Deferred RLIAP | - | 18,034 | 19,681 | (1,647) | (1,647) |
| 8843-2-0000-10-1169-1828 | 182 | Deferral Decoupling Asset | - | - | - | - | - |
| 8843-2-0000-10-1240-1650 | 165 | Prepays | 20,687 | 27,024 | 26,654 | 370 | 21,057 |
| 8843-2-0000-10-1240-1653 | 165 | Prepaid Taxes-Mun-Property-Oper | 87,136 | 172,631 | 178,618 | (5,987) | 81,149 |
| 8843-2-0000-10-1380-1540 | 154 | Plant Materials and Operating Supplies | 83,630 | 107,000 | 68,999 | 40,001 | 123,630 |
| 8843-2-0000-10-1380-1630 | 163 | Stores Expense Undistributed | - | 20,029 | 20,029 | - | - |
| 8843-2-0000-10-1380-1641 | 164 | Fuel Stock - Propane | 287,823 | 247,496 | 405,270 | (157,775) | 130,048 |
| 8843-2-0000-10-1380-1642 | 164 | UG Storage-Liquefied Nat Gas | - | - | - | - | - |
| 8843-2-0000-10-1610-1050 | 105 | Plant Held for future use | 418,384 | - | - | - | 418,384 |
| 8843-2-0000-10-1615-1010 | 101 | Plant | - | - | - | - | - |
| 8843-2-0000-10-1615-1060 | 106 | Plant in Service-not classified | 105,359 | 10,443,290 | 9,005,480 | 1,437,810 | 1,543,169 |
| 8843-2-0000-10-1615-1830 | 183 | Preliminary Survey & Investigation Charges | 748,783 | 248,277 | 94,085 | 154,192 | 902,975 |
| 8843-2-0000-10-1615-3190 | 319 | Property, Plant and Equipment | 336,984 | 3,936 | - | 3,936 | 340,920 |
| 8843-2-0000-10-1615-3643 | 364 | LNG Processing Terminal Equipment | - | - | - | - | - |
| 8843-2-0000-10-1615-3646 | 364 | CNG Compressor Station Equipment | - | - | - | - | - |
| 8843-2-0000-10-1615-3760 | 376 | T&D-Mains-STL | 117,643 | 7,252 | 7,233 | 19 | 117,662 |
| 8843-2-0000-10-1615-3761 | 376 | T&D-Mains-OTH | 288 | - | - | - | 288 |
| 8843-2-0000-10-1615-3762 | 376 | T&D-MainsPLST | 2,783,066 | 305,300 | 4 | 305,297 | 3,088,363 |
| 8843-2-0000-10-1615-3763 | 376 | T&D-Mains-CI | 6,137 | - | - | - | 6,137 |
| 8843-2-0000-10-1615-3764 | 376 | T&D-Mains-Valve >4" | 7,061 | - | - | - | 7,061 |
| 8843-2-0000-10-1615-3780 | 378 | T&D-M&R Equipment | 13,984 | - | - | - | 13,984 |
| 8843-2-0000-10-1615-3800 | 380 | T&D-Gas Services-STL | 16,263 | - | - | - | 16,263 |
| 8843-2-0000-10-1615-3801 | 380 | T&D-Gas Services-OTH | 39,913 | - | - | - | 39,913 |
| 8843-2-0000-10-1615-3802 | 380 | T&D-Gas Services-PLST | 757,753 | 153,465 | - | 153,465 | 911,219 |
| 8843-2-0000-10-1615-3810 | 381 | T&D-Gas Meters | 98,374 | - | - | - | 98,374 |
| 8843-2-0000-10-1615-3811 | 381 | T&D-Gas Meters-Instrument | 80,044 | - | - | - | 80,044 |
| 8843-2-0000-10-1615-3812 | 381 | T&D-Gas Meters-ERTS | 100,802 | - | - | - | 100,802 |
| 8843-2-0000-10-1615-3870 | 387 | T&D-Other Equipment | 78,264 | - | - | - | 78,264 |
| 8843-2-0000-10-1615-3900 | 390 | GEN-Structure Improvements | 15,489 | 116,353 | - | 116,353 | 131,842 |
| 8843-2-0000-10-1615-3901 | 390 | GEN-Structure Improvements-Boiler | 20,705 | - | - | - | 20,705 |
| 8843-2-0000-10-1615-3910 | 391 | GEN-Office Furniture-Equipment | 30,652 | - | - | - | 30,652 |
| 8843-2-0000-10-1615-3912 | 391 | GEN-Laptop Computers | 39,954 | - | - | - | 39,954 |
| 8843-2-0000-10-1615-3921 | 392 | GEN-Pass/Trailer | 170,840 | - | 20,060 | (20,060) | 150,780 |
| 8843-2-0000-10-1615-3922 | 392 | GEN-Service Vans | 13,613 | 128,607 | - | 128,607 | 142,220 |
| 8843-2-0000-10-1615-3940 | 394 | GEN-Tools-Shop-Garage Equip | 113,531 | - | - | - | 113,531 |
| 8843-2-0000-10-1615-3960 | 396 | GEN-Power Op Equip<=12,000lb | 234,024 | - | 800 | (800) | 233,224 |