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STATE OF NEW HAMPSHIRE



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NHPUC 12APR'16PM4:29

April 12, 2016

Debra A. Howland  
Executive Director  
New Hampshire Public Utilities Commission  
21 South Fruit Street, Suite 10  
Concord, NH 03301

Re: DW 16-234, Pennichuck East Utility, Inc.  
Petition for Authority to Issue Long-term Debt  
Staff Recommendation for Approval

Dear Ms. Howland:

On February 12, 2016, Pennichuck East Utility, Inc. (PEU), submitted a petition pursuant to RSA 369:1, requesting authority to issue long-term debt. First, PEU seeks permission to borrow \$1,650,000 from the Drinking Water State Revolving Loan Fund (SRF) administered by the New Hampshire Department of Environmental Services (NHDES). PEU proposes to use those funds to replace the water main on Varney Road, which is part of the Locke Lake Water System (Locke Lake) in Barnstead, New Hampshire. PEU also seeks permission to borrow \$2,200,000 from CoBank, ACB (CoBank), to reimburse the Company for approximately \$1,100,000 of capital improvement projects completed in 2015 using internal funds and \$1,100,000 to pre-fund capital projects planned for 2016 that are not eligible for SRF funds. The testimony of John J. Boisvert, PEU's Chief Engineer, and Larry D. Goodhue, PEU's Chief Financial Officer, accompanied the petition. Additional information related to the original filing was provided in response to Commission Staff (Staff) data requests, and those responses are attached to this letter. After review of the filing and the attached discovery, Staff recommends the Commission grant authority to PEU to execute these two long-term borrowings subject to the filing of certain shareholder approval.

Under RSA 369:1, public utilities engaged in business in this state may issue evidence of indebtedness payable more than 12 months after the date thereof only if the Commission finds the proposed issuance to be "consistent with the public good." Analysis of the public good involves looking beyond the actual terms of the proposed financing to the use of the funds and the effect on rates to insure the public good is protected. *See Appeal of Easton*, 125 N.H. 205, 211 (1984). "[C]ertain financing related circumstances are routine,

calling for more limited Commission review of the purposes and impacts of the financing, while other requests may be at the opposite end of the spectrum, calling for vastly greater exploration of the intended uses and impacts of the proposed financing.” *Lakes Region Water Company, Inc.*, Order No. 25,753 (January 13, 2015) at 4-5, citing *Public Service Company of NH*, Order No. 25,050, 94 NH PUC 691, 699 (2009). Consistent with past SRF and CoBank financing dockets, Staff reviewed PEU’s filing as a routine financing.

#### SRF Financing

Mr. Boisvert’s testimony details that the proceeds of the SRF financing, \$1,650,000, will be used to replace parts of the Locke Lake distribution system that do not meet American Water Works Association (AWWA) standards. With those funds, PEU will replace approximately 18,600 feet of small-diameter PVC water main and 213 service connections in the Locke Lake system. This main and service replacement work continues an ongoing main replacement effort at Locke Lake, which is targeted at fixing main and service leaks from substandard materials used by the developer during construction and reducing the high rates of unaccounted-for water. Included as part of the main replacement is the replacement of the main-to-stop portions of each service connection and the upgrading of a single ¾” service feeding two homes to two 1” services.

Mr. Goodhue's testimony describes the terms associated with the SRF financing. The SRF provides public and private water systems the opportunity to borrow funds to fund the construction of qualified projects at interest rates that are typically lower than market rates of commercial financing. The interest rate for the SRF financing will be based on rates available at the time the loan is closed. The interest rate available at the time of PEU’s filing was 2.464%. This loan will be repaid over a 20-year term, with payments beginning six months after project completion. Amounts advanced under the loans by DES during the construction period will bear interest at a rate of 1% per annum, and that accrued interest will be payable upon substantial completion of the project. PEU will provide the Commission with a copy of the loan documents once they have been finalized and executed. Mr. Goodhue states that, in the event the loan proceeds are not sufficient to completely fund the project, PEU is prepared to fund any remaining needs using a mix of PEU’s internal cash flow as well as short term borrowings from PEU’s parent, Pennichuck Corporation (Pennichuck).

The proposed SRF financing will not be secured by any assets of the Company, but Pennichuck will provide an unsecured corporate guarantee of repayment. The financing was approved by PEU’s and Pennichuck’s Boards of Directors on January 22, 2016. The City of Nashua, as sole shareholder of Pennichuck, was expected to vote on the financing at the Pennichuck Special Water Committee Meeting of the Board of Aldermen scheduled to take place on March 29, 2016. PEU will file copy of the City of Nashua’s resolution as soon as it is available. See Company’s Response to Staff 1-4 (attached).

#### CoBank Financing

Mr. Boisvert's testimony details how the proceeds from the CoBank financing of \$2,200,000 will be used. The Company will reimburse Pennichuck \$1,100,000 for intercompany loans incurred by PEU for capital improvement and routine maintenance capital projects completed during 2015 that were required for regulatory compliance but did not qualify for SRF funding. These funds will be applied to various capital projects in three distinct categories. The first is "Regulatory Compliance Capital Projects" that ensure compliance with federal and state drinking water laws and regulations. The projects in this category include completion of the Airstrip Station upgrade design at Locke Lake and lead-free meter exchanges system wide. The second category is "Maintenance Capital Projects" to repair and replace aging infrastructure. The projects in this category include work on chemical feed pumps, well pumps, instrumentation replacements, station mechanical upgrades, hydrant replacements, service replacements and valve replacements. The third category described in Mr. Boisvert's testimony is "Nonrecurring Capital Projects," which despite their infrequency are nevertheless necessary to the efficient operation of PEU such as station demolitions and water main replacements. The remaining \$1,100,000 will be applied to other non-SRF funded capital projects planned for 2016 in the same three distinct categories. Regulatory Compliance Capital Projects include arsenic treatment at Locke Lake, the Stone Sled Community Water system well station improvements, and lead-free meter exchanges system wide. Maintenance Capital Projects include chemical feed pump replacements, structural improvements, treatment system improvements, well pump replacements, instrumentation replacements, SCADA improvements, mechanical upgrades, well redevelopment, hydrant replacements, service replacements and valve replacements. Nonrecurring Capital Projects include station demolitions.

Mr. Goodhue's testimony describes the terms and overall purposes for both the proposed CoBank financing as well as the proposed conversion of Pennichuck short-term debt to long-term debt. With regard to the CoBank financing, Mr. Goodhue explains that CoBank is a federally chartered bank under the Farm Credit Act of 1971, as amended. CoBank is restricted to making loans and leases to eligible borrowers in the agribusiness and rural utility industries as well as certain related entities as defined by the 1971 Act. CoBank is a Government Sponsored Enterprise that issues debt securities with the implicit full faith and credit of the US Government. Consequently, CoBank's borrowing costs are less than that of commercial banks and other lenders. These lower costs are passed on to CoBank's borrowers through lower interest rates. Additionally, CoBank loans generally have fewer covenants or restrictions as compared to loans from commercial banks and other financial institutions.

CoBank is owned and controlled by its members who use its products and services (its borrowers). As such, members are eligible to receive a portion of CoBank's net margins via "patronage dividends." While such distributions are not guaranteed, Mr. Goodhue's testimony indicates that from 2010 through 2014, PEU has annually received patronage dividends averaging approximately \$48,587. In general, CoBank's annual patronage has been 1% of the one-year average daily loan balance. This 1% distribution is received as a mix of cash and equity stock in CoBank. The cash portion is recorded as a reduction in

interest expense while the equity portion is recorded as a deferred debit which reflects an increase in PEU's equity interest in CoBank.

The characteristics of PEU's service territory are consistent with CoBank's charter and mission thereby making it eligible to borrow from CoBank to meet its capital requirements. PEU has previously entered into a Master Loan Agreement with CoBank effective February 9, 2010, which provided the framework for CoBank to make subsequent loans to PEU.<sup>1</sup> While the final terms and interest rate of the CoBank loan are subject to change based on CoBank's currently on-going due diligence as well as other market factors, Mr. Goodhue's testimony anticipates a \$2,200,000 term loan with a 25-year amortization, with level monthly principal and interest payments, at a rate currently estimated to be 4.75% per annum. The CoBank loan will be secured by (i) a security interest in PEU's equity interest in CoBank (consisting of PEU's current \$69,779.80 equity investment in CoBank and PEU's right to receive future patronage dividends from CoBank), and (ii) the unconditional guarantee of PEU's obligations to CoBank by Pennichuck pursuant to the Guarantee of Payment by Pennichuck in favor of CoBank dated February 9, 2010.<sup>2</sup>

With regard to other options that PEU has explored as an alternative to the proposed CoBank financing, Mr. Goodhue's testimony explains that PEU determined that tax-exempt bond financing through the NH Business Finance Authority was not available as the overall borrowing levels for the Company did not meet the minimum bonding threshold amounts. With regard to the State Revolving Fund (SRF) option, the projects proposed to be financed by CoBank were all deemed ineligible for SRF financing. Finally, with regard to other lending institutions, over the past two years PEU has determined that there are a limited number of eligible lending candidates especially when taking into consideration the Company's present financial structure with respect to normal debt-equity ratios, the overall capital borrowing needs, meeting normal financial covenants, or due to acceptable credit ratings. For these reasons, CoBank has been determined to be PEU's only viable option in terms of financing these projects.

The CoBank financing was approved by PEU's and Pennichuck's Boards of Directors on January 22, 2016. The City of Nashua, as sole shareholder of Pennichuck, was expected to vote on the financing at the Pennichuck Special Water Committee Meeting of the Board of Aldermen scheduled to take place on March 29, 2016. PEU will file a copy of the City of

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<sup>1</sup> PEU's initial borrowing from CoBank, consisting of a \$4.5 million replacement of maturing debt as well as the establishment of a \$1.5 million revolving line of credit, was approved by Commission Order No. 25,041 issued on November 9, 2009, in Docket DW 09-134. PEU filed a copy of the Master Loan Agreement with the Commission in that docket. A copy is also attached to Staff 1-4. The \$1.5 million revolving line of credit expired in March 2012. In May 2013, PEU entered into two new loans with CoBank, in the amounts of \$925,000 and \$1,723,150, for terms of 20 and 10 years, respectively. These loans were approved by Commission Order No. 25,480 issued on March 27, 2013, in Docket DW 13-017. PEU also entered into a new CoBank loan in March 2015 in the amount of \$625,000, for a term of 25 years, approved by Commission Order No. 25,746 issued on December 30, 2014, in Docket DW 14-282.

<sup>2</sup> A copy of the Guarantee of Payment was filed with the Commission in Docket DW 09-134. A copy is also attached to Staff 1-4.

Nashua's resolution as soon as it is available. *See* Company's Response to Staff 1-4 (attached).

### Summary

Mr. Goodhue's testimony explains that previously-approved bond and debt agreements contain covenants or restrictions, which are impacted by the issuance of debt under these proposed financings. The loan agreement between Pennichuck and TD Bank, NA, prohibits Pennichuck or its subsidiaries from incurring additional indebtedness without the express prior written consent of TD Bank, except for certain allowed exceptions. One of the listed exceptions allows for the borrowings under tax-exempt bond financing or state revolving loans made available by the State of NH, provided that in either instance the financing or loan is on an unsecured basis and TD Bank is given prior written notice of such financing. Another listed exception allows the Company to incur new indebtedness up to \$1.5 million per annum, on an unsecured basis, with CoBank provided that TD Bank is provided at least 30 days prior to written notice related to said indebtedness. On February 3, 2016, PEU provided written notice to TD Bank of the proposed financings. As the CoBank loan exceeds the annual limitation, the Company clarified that the \$2.2 million pertained to two separate years. TD Bank provided written approval of both loans on February 23, 2016.

In his testimony, Mr. Goodhue states that the anticipated issuance costs for both financings will total approximately \$20,000, covering loan documentation costs as well as the costs incurred to obtain Commission approval for the financings. Mr. Goodhue also provides pro-forma financial schedules showing the estimated impact of the two loans on the balance sheet and income statement of PEU.

Staff has thoroughly reviewed and supports the financing as presented by PEU. The procurement of these SRF and CoBank loans ensures that the Company will finance the needed projects at the lowest possible cost to customers. PEU has demonstrated that the proposed use of the funds is appropriate and consistent with PEU's duty to provide "reasonably safe and adequate and in all other respects just and reasonable" service to its customers. RSA 374:1.

PEU has requested that the Commission issue an order in this docket in a timeframe that would permit it and NHDES to close on the loan on or before June 1, 2016. This will allow PEU to have the Locke Lake project out to bid in June, a contractor selected and work started in early summer, and work completed by late fall 2016. Additionally, DES requests that the funds be accessed and used during 2016. Timely closing on the CoBank loan will allow PEU to reimburse necessary working capital used for the 2015 capital projects early in 2016, to the overall benefit of the ratepayers. Therefore, Staff recommends that since the City of Nashua's approval of the borrowing is not expected until mid-April, the Commission provide its approval of these loans subject to the City's final approval by the Board of Alderman, and that evidence of such approval is provided to the Commission as soon as practical.

Staff has consulted with the Office of Consumer Advocate (OCA) prior to filing this recommendation.<sup>3</sup> The OCA takes no position. Thank you for your assistance in this matter. If you have any questions regarding this matter, please contact me.

Sincerely,



Robyn J. Descoteau  
Utility Analyst III, Gas & Water Division

Attachment  
cc: Service list

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<sup>3</sup> The OCA filed a notice of participation on February 22, 2016.

**SERVICE LIST - EMAIL ADDRESSES - DOCKET RELATED**

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**Pursuant to N.H. Admin Rule Puc 203.11 (a) (1): Serve an electronic copy on each person identified on the service list.**

Executive.Director@puc.nh.gov  
amanda.noonan@puc.nh.gov  
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thomas.getz@mclane.com

Docket #: 16-234-1 Printed: April 12, 2016

**FILING INSTRUCTIONS:**

- a) Pursuant to N.H. Admin Rule Puc 203.02 (a), with the exception of Discovery, file 7 copies, as well as an electronic copy, of all documents including cover letter with:**

DEBRA A HOWLAND  
EXECUTIVE DIRECTOR  
NHPUC  
21 S. FRUIT ST, SUITE 10  
CONCORD NH 03301-2429

- b) Serve an electronic copy with each person identified on the Commission's service list and with the Office of Consumer Advocate.**
- c) Serve a written copy on each person on the service list not able to receive electronic mail.**

# MCLANE MIDDLETON

THOMAS B. GETZ  
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March 18, 2016

## VIA ELECTRONIC MAIL

Rorie E. Patterson  
Staff Attorney  
New Hampshire Public Utilities Commission  
21 S. Fruit Street, Suite 10  
Concord, NH 03301-2429

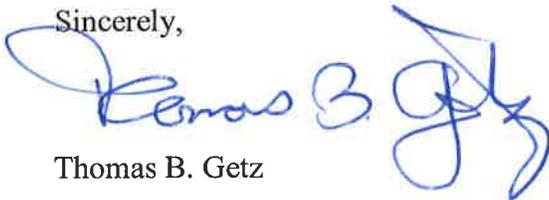
**Re: DW 16-234, Pennichuck East Utility, Inc. Petition for Approval of SRF Loan and CoBank Loan – Response to Staff Data Requests Set 1**

Dear Attorney Patterson:

Attached are responses by Pennichuck East Utility, Inc. to the first set of data requests by the Commission Staff dated March 2, 2016.

Please let me know if you have any questions.

Sincerely,



Thomas B. Getz

TBG:rs3

Attachments

cc: Discovery Electronic Service List

**DW 16-234**  
**Pennichuck East Utility, Inc.**  
**Petition for Approval of SRF and CoBank Financings**  
**Response to Staff Data Requests Set 1**

Date Request Received: 03/02/16

Date of Response: 03/18/16

Request No. Staff 1-1

Witness: Larry Goodhue

**REQUEST: Re: Direct Prefiled Testimony of Larry D. Goodhue, Page 5, Line 13 and Page 10, Line 14:** Please provide an itemized list of issuance costs. Please provide detailed copies of invoices that support issuance costs showing relevance to SRF loan and CoBank loan.

**RESPONSE:**

The issuance costs for both the SRF loan and the CoBank loan are limited to legal costs of closing the loans. No invoices have been received for these services at this time. The amount cited in the testimony relates to estimated amounts that will be incurred to close these loans, and is based upon experience related to the cost of closing these types of loans for the Company over the past several years. PEU will promptly submit all invoices upon availability, subject to an appropriate motion for confidentiality to the extent necessary to protect the competitive position of the law firm performing legal services associated with the closing of the loans.

**DW 16-234**  
**Pennichuck East Utility, Inc.**  
**Petition for Approval of SRF and CoBank Financings**  
**Response to Staff Data Requests Set 1**

Date Request Received: 03/02/16

Date of Response: 03/18/16

Request No. Staff 1-2

Witness: Larry Goodhue

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**REQUEST: Re: Direct Prefiled Testimony of Larry D. Goodhue, Page 13, Lines 13-16:**  
Please describe the current status of the pending TD Bank, N.A. response pertaining to the written notice versus written approval.

**RESPONSE:**

The Company received written approval from TD Bank, N.A. on February 9, 2016. A copy of the notice provided to TD Bank, N.A. and the written approval is attached to this response.

**From:** Mandt, George M <George.Mandt@td.com>  
**Sent:** Tuesday, February 09, 2016 1:17 PM  
**To:** Goodhue, Larry  
**Subject:** FW: Attached Image  
**Attachments:** 0872\_001.pdf

DW 16-234  
Pennichuck East Utility, Inc.  
Attachment to Staff 1-2

Hi Larry, I have received your letter (attached) informing the Bank of your intension to secure term financing from the State Revolving Fund through the NHDES. The Bank has received this 30 days prior to your intent to formally enter said financing arrangement. As such, please consider this as written acknowledgement of your requirement to provide such notice and that this requirement has been satisfied.

Best Regards,

George

George Mandt, Vice President - Senior Lender  
**TD Bank, America's Most Convenient Bank**  
1700 District Ave. 2nd Flr., Burlington, MA 01803  
T: 781-505-5027 | M: 978-460-8295  
[george.mandt@td.com](mailto:george.mandt@td.com)

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**PENNICHUCK**

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February 3, 2016

Mr. George Mandt, Vice President  
TD Bank, N.A.  
17 New England Executive Park, 2<sup>nd</sup> Floor  
Burlington, MA 01803

RE: Written notice per Section 6(c)(vi) of the Master Loan Agreement between Pennichuck Corporation (the "Company" or "Pennichuck") and TD Bank, N.A. (the "Bank")

Hi George,

Pursuant to section 6(c)(vi) of the Loan Agreement, dated June 25, 2014 (the "Agreement") I am supplying you with the requisite prior written notice of the Company's intent to secure term financing from the State Revolving Fund through the NHDES, for its wholly-owned Pennichuck Water Works, Inc. ("PWW"), Pennichuck East Utility, Inc. ("PEU"), and Pittsfield Aqueduct Company, Inc. ("PAC") subsidiaries. The amounts we will be securing financing for these entities are as follows: \$1,400,000 for PWW, \$1,650,000 for PEU and \$440,000 for PAC. In accordance, with this section of the Agreement, the Company or its subsidiaries are allowed to borrow funds under tax exempt or taxable bond financings or state revolving fund loans, without prior written consent from the Bank. In lieu of this consent requirement, the Company must provide 30 days prior written notice of the Company's intent to enter into said financing.

On January 22, 2016, Pennichuck's and PWW's, PEU's, and PAC's Boards of Directors passed a set of resolutions authorizing management to procure said financing on behalf of these subsidiaries. As such, the Company is currently preparing a set of financing petitions to be filed with the NH Public Utilities Commission, as well as a request for shareholder approval from the Company's sole shareholder, the City of Nashua. Pursuant to the Company and the three subsidiaries receiving these approvals, they will enter into these new debt obligations in the second quarter of 2016. This financing is being secured as the funding for: (1) the replacement of water mains located on Amherst Street in Nashua, NH (as well as three adjoining streets and intersections) for PWW, (2) the replacement of mains for phases 1 thru 3 of the Varney Road section of PEU's Locke Lake community water system, and (3) the construction of a new main as a supply on Catamount Street in the PAC water system. These projects are being pursued at this time for the following reasons: (1) in the case of PAC, the main is being constructed to complete a two-phased project in that system which will provide redundant critical supply to and from the water treatment plant in that community, and (2) the mains being replaced in PWW are pursuant to our long term infrastructure replacement program for that Company (and is being done at this time due to the City of Nashua's intent to repave the congested Amherst Street corridor this year, and the cost of not completing this main replacement in advance of that work by the City would result in highly elevated costs of completing this project in a future year), and (3) the mains being replaced in the PEU Locke Lake system are the last major phases of the multi-year main replacement project that has been ongoing for that entire community water system in Barnstead, NH.

Thank you for your time in reviewing and accepting this written notice, in conformity with the Agreement.

Sincerely,

A handwritten signature in blue ink, appearing to read "L. Goodhue".

Larry D. Goodhue  
Chief Executive Officer  
Pennichuck Corporation

**DW 16-234**  
**Pennichuck East Utility, Inc.**  
**Petition for Approval of SRF and CoBank Financings**  
**Response to Staff Data Requests Set 1**

Date Request Received: 03/02/16

Date of Response: 03/18/16

Request No. Staff 1-3

Witness: Larry Goodhue

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**REQUEST: Re: Direct Prefiled Testimony of Larry D. Goodhue, Page 13, Lines 18-19:**  
Please submit a copy of PEU's and Pennichuck's Boards of Directors approval of the proposed financings.

**RESPONSE:**

Copies of PEU's and Pennichuck's Boards of Directors' approvals of the proposed financing for both the SRF Loan and CoBank Loan are attached to this response.

## **Resolutions Adopted on January 22, 2016 by the Board of Directors of Pennichuck Corporation**

### Guaranty of SRF Loan to PEU

Resolved: that the Board of Directors hereby approves the guaranty by Pennichuck Corporation (the “Company”) of the payment by Pennichuck East Utility, Inc. (“PEU”) of all of its obligations with respect to PEU’s borrowing of up to \$1,650,000 in principal amount from the State of New Hampshire (the “State”), such amount to be paid over a 20-year term, level payment, with interest and related costs, for the purpose of funding the replacement of water mains in the Varney Road area (Phase I, II and III) at Locke Lake, Barnstead, NH, pursuant to a Loan Agreement between PEU and the State under the State’s Drinking Water Revolving Loan Fund program.

Further

Resolved: that the officers of the Company are severally authorized, empowered and directed to execute and deliver, in the name and on behalf of the Company, the Guaranty agreement with respect to the SRF loan described in the prior resolution (the “SRF Loan”), with such terms as may be deemed necessary or advisable in the several judgment of the officers executing the Guaranty agreement.

Further

Resolved: that the officers of the Company are hereby authorized, empowered and directed to take any and all actions to obtain all necessary approvals for the Guaranty from the New Hampshire Department of Environmental Services, the Governor and Executive Council, and the City of Nashua in its capacity as the sole shareholder of the Company, and any other authority determined by such officers relating to the Guaranty.

Further

Resolved: that Larry D. Goodhue and Donald L. Ware are severally authorized, empowered and directed to take such actions and to execute and deliver such documents as in the opinion of the officer or officers so acting or in the opinion of counsel, are necessary or desirable to effect the Guaranty and the SRF Loan and to carry out the purposes of the preceding resolutions, the taking of such actions and the execution and delivery of such documents to be sufficient and conclusive evidence that the same are within the authority conferred by these resolutions.

**Resolutions Adopted on January 22, 2016 by the  
Board of Directors of Pennichuck East Utility, Inc.**

Approval of SRF Loan to PEU

Resolved: that the Board of Directors hereby approves the borrowing by Pennichuck East Utility, Inc. (the “Company”) of up to \$1,650,000 in principal amount from the State of New Hampshire (the “State”), such amount to be paid over a 20-year term, level payment, with interest and related costs, for the purpose of funding the replacement of water mains in the Varney Road area (Phase I, II and III) at Locke Lake, Barnstead, NH, pursuant to a Loan Agreement between the Company and the State under the State’s Drinking Water Revolving Loan Fund program.

Further

Resolved: that the officers of the Company are severally authorized, empowered and directed to execute and deliver, in the name and on behalf of the Company, the Loan Agreement for the SRF loan described in the previous resolution (the “SRF Loan”) with such terms, including the exhibits and schedules to such Loan Agreement, as may be deemed necessary or advisable in the several judgment of the officers executing the Loan Agreement.

Further

Resolved: that the officers of the Company are hereby authorized, empowered and directed to take any and all actions to obtain all necessary approvals for the SRF Loan from the New Hampshire Public Utilities Commission, the New Hampshire Department of Environmental Services, the Governor and Executive Council, and the City of Nashua in its capacity as the sole shareholder of Pennichuck Corporation (the Company’s parent corporation), and any other authority determined by such officers relating to the SRF Loan.

Further

Resolved: that Larry D. Goodhue and Donald L. Ware are severally authorized, empowered and directed to take such actions and to execute and deliver such documents as in the opinion of the officer or officers so acting or in the opinion of counsel, are necessary or desirable to effect the SRF Loan and to carry out the purposes of the preceding resolutions, the taking of such actions and the execution and delivery of such documents to be sufficient and conclusive evidence that the same are within the authority conferred by these resolutions.

**Resolutions Adopted on January 22, 2016 by the  
Board of Directors of Pennichuck Corporation**

**CoBank, ACB Loan**

WHEREAS, reference is made to that certain Master Loan Agreement, dated as of February 9, 2010, between Pennichuck East Utility, Inc. (“PEU”), as borrower, and CoBank, ACB (“CoBank”), as lender (the “MLA”);

WHEREAS, in connection with and as part of the consideration for inducing CoBank to enter into the MLA, Pennichuck Corporation (the “Corporation”) agreed to enter into that certain Guarantee of Payment (Continuing) in favor of CoBank; and by resolutions taken on January 27, 2010, the Board of Directors of the Corporation approved the Guaranty and all related transactions to any loans under the MLA, including the New Loan, as described below; and

WHEREAS, the Corporation finds it beneficial that PEU take out an additional loan under the terms and conditions of the MLA (such New Loan further described below), for the purposes of refinancing intercompany debt between the Corporation and PEU and providing financing for a portion of PEU’s 2016 capital expenditures.

NOW, THEREFORE, be it hereby:

Resolved: to authorize and approve PEU to enter into a term loan (the “New Loan”) to be advanced under and subject to the terms and conditions of the MLA and a new Promissory Note and Supplement thereto, as follows: up to Two Million Two Hundred Thousand Dollars and No Cents (\$2,200,000.00), with a 25-year amortization schedule; at a rate of interest based on one of two interest rate options: a weekly quoted variable rate option or a quoted fixed rate option, each of which would be determined at closing on the New Loan.

Further

Resolved: that the Chief Executive Officer and the Chief Operating Officer of the Corporation are, and each of them hereby is, authorized to act as the Corporation’s representative (either in its own capacity, or in the Corporation’s capacity as the sole shareholder of PEU) for purposes of executing and administering the above-referenced New Loan and/or executing any other related documents, certificates and undertakings on behalf of the Corporation with respect to the said New Loan and/or MLA.

Further

Resolved: that the Chief Executive Officer and the Chief Operating Officer of the Corporation are, and each of them hereby is, authorized to act as the Corporation’s representative for purposes of executing and administering the above-referenced continuing corporate guarantee by the Corporation and/or executing any other related loan documents, certificates and undertakings on behalf of the Corporation with respect to the said New Loan and/or the MLA.

**Resolutions Adopted on January 22, 2016 by the  
Board of Directors of Pennichuck East Utility, Inc.**

**CoBank, ACB Loan**

WHEREAS, reference is made to that certain Master Loan Agreement, dated as of February 9, 2010, between Pennichuck East Utility, Inc. (the "Corporation"), as borrower, and CoBank, ACB ("CoBank"), as lender (the "MLA");

WHEREAS, by resolutions taken on February 4, 2010, the directors of the Corporation approved the MLA and transactions related to loans dated February 9, 2010; and

WHEREAS, the Corporation finds it beneficial that the Corporation take out an additional loan under the terms and conditions of the MLA (such New Loan further described below), for the purposes of refinancing intercompany debt between the Corporation and Pennichuck Corporation and providing financing for a portion of the Corporation's 2016 capital expenditures.

NOW, THEREFORE, be it hereby:

Resolved: to authorize and approve that the Corporation enter into a term loan (the "New Loan") to be advanced under and subject to the terms and conditions of the MLA and a new Promissory Note and Supplement thereto, as follows: up to Two Million Two Hundred Thousand Dollars and No Cents (\$2,200,000.00), with a 25-year amortization schedule.

Further

Resolved: to approve the other resolutions set forth in Exhibit A relating to said MLA and the New Loan, as proposed by CoBank and recommended by management, including without limitation that the Chief Executive Officer, the Chief Operating Officer and the Assistant Treasurer of the Corporation are, and each is, authorized to act as the Corporation's representative for the purposes of executing and administering documents necessary to effecting the above-referenced loans subject to the MLA, and/or executing any other related documents, certificates and undertakings on behalf of the Corporation with respect to said New Loan.

**RESOLUTIONS OF THE BOARD OF DIRECTORS**  
**of**  
**PENNICHUCK EAST UTILITY, INC.**  
Merrimack, New Hampshire

(Adopted January 22, 2016)

**WHEREAS**, Pennichuck East Utility, Inc. ("Borrower"), under its articles of incorporation, bylaws, or other organizational documents has full power and authority to borrow money and to secure the same with its own property and property delivered to it for marketing or otherwise; and

**WHEREAS**, all prerequisite acts and proceedings preliminary to the adoption of these Resolutions have been taken and done in due and proper form, time and manner;

**NOW, THEREFORE, BE IT RESOLVED**, that the Chief Executive Officer, the Chief Operating Officer, and the Assistant Treasurer ("Officers") of the Borrower are jointly and severally authorized and empowered to obtain for and on behalf of the Borrower from time to time, from CoBank, ACB ("CoBank"), a loan or loans or other financial accommodations (including, without limitation, letters of credit, note purchase agreements and bankers acceptances) (collectively, a "Loan") under these Resolutions; and for such purposes: (1) to execute such application or applications (including exhibits, amendments and/or supplements thereto) as may be required for all borrowings; (2) to obligate the Borrower to pay such rate or rates of interest as the Officers so acting shall deem proper, and in connection therewith to purchase such interest rate risk management products as may be offered from time to time by CoBank; (3) to obligate the Borrower to make such investments in CoBank as required by CoBank and to obligate the Borrower to such other terms and conditions as the Officers so acting shall deem proper; (4) to execute and deliver to CoBank or its nominee all such written loan agreements, documents and instruments as may be required by CoBank in regard to or as evidence of any Loan made pursuant to the terms of this Resolution; (5) to pledge, grant a security interest or lien in, or assign property of the Borrower or property of others on which it is entitled to borrow, of any kind and in any amount as security for any or all obligations (past, present and/or future) of the Borrower to CoBank; (6) to execute and deliver to CoBank any agreements, addenda, authorization forms and other documents or instruments as may be required by CoBank in the event that the Borrower elects to use any services or products related to the Loan that are offered by CoBank now or in the future, including without limitation an automated clearing house (ACH) service; (7) from time to time amend any such Loan; (8) to direct and delegate to designated employees of the Borrower the authority to direct, by written or telephonic instructions or electronically, if the Borrower has agreed to use the System for such purpose, the disposition of the proceeds of any Loan authorized herein or any property of the Borrower at any time held by CoBank; and (9) to delegate to designated employees of the Borrower the authority to request by telephonic or written means or electronically, if the Borrower has agreed to use the System for such purpose, loan advances and/or other financial accommodations, and in connection therewith, to fix rates and agree to pay fees. In the absence of any direction or delegation authorized in (8) or (9) above, all existing directions and/or delegations shall remain in full force and effect and shall be applicable to any Loan authorized herein.

**RESOLVED FURTHER**, That each of the Officers are hereby jointly and severally authorized and directed to do and/or cause to be done, from time to time, all things which may be necessary and/or proper for the carrying out of the terms of these Resolutions.

- 2 -

**RESOLVED FURTHER,** That all prior acts by the Officers or other employees or agents of the Borrower to accomplish the purposes of these Resolutions are hereby approved and ratified.

**RESOLVED FURTHER,** That any Officer of the Borrower is hereby authorized and directed to cast the ballot of the Borrower in any and all proceedings in which the Borrower is entitled to vote for the selection of a member of CoBank's board of directors or for any other purpose.

**RESOLVED FURTHER,** That these Resolutions shall remain in full force and effect until a certified copy of a duly adopted resolution effecting a revocation or amendment, as the case may be, shall have been received by CoBank. The authority hereby granted shall apply with equal force and effect to the successors in office of the Officers herein named.

**RESOLVED FURTHER,** That effective on the date when the Loan under these Resolutions becomes available, the following listed Resolutions are hereby revoked:  N/A .

**RESOLVED FURTHER,** That the Secretary or any Assistant Secretary of the Borrower is hereby authorized and directed to certify to CoBank a copy of these Resolutions, the names and specimen signatures of the present Officers above referred to, and if and when any change is made in the personnel of any said Officers, the fact of such change and the name and specimen signatures of the new Officers. CoBank shall be entitled to rely on any such certification until a new certification is actually received by CoBank.

**DW 16-234**  
**Pennichuck East Utility, Inc.**  
**Petition for Approval of SRF and CoBank Financings**  
**Response to Staff Data Requests Set 1**

Date Request Received: 03/02/16

Date of Response: 03/18/16

Request No. Staff 1-4

Witness: Larry Goodhue

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**REQUEST: Re: Direct Prefiled Testimony of Larry D. Goodhue, Page 13, Lines 19-20:**  
Please describe the current status of the pending shareholder approval of the proposed financings.

**RESPONSE:**

The Company submitted its requests for shareholder approval on February 2, 2016, copies of which are attached to this response. The Board of Alderman considered the requests in their meeting on February 23, 2016, and remanded it to the Pennichuck Special Water Committee for further consideration and recommendation. The Company expects to meet with the Committee on these requests on March 29, 2016, resulting in a shareholder vote for approval sometime in early April. Upon receipt of the required approvals, the Company will timely submit these to the PUC.



PENNICHUCK

DW 16-234  
Pennichuck East Utility, Inc.  
Attachment to Staff 1-4  
25 MANCHESTER STREET  
PO BOX 1947  
MERRIMACK, NH 03054-1947  
  
(603) 882-5191  
FAX (603) 913-2305

WWW.PENNICHUCK.COM

**VIA HAND DELIVERY**

February 2, 2016

Mr. Stephen Bennett  
Corporation Counsel  
City of Nashua  
229 Main Street  
Nashua, NH 03060

Re: Pennichuck Subsidiaries – Request for Approval of Loans from the New Hampshire Drinking Water Revolving Loan Fund Program

Dear Attorney Bennett:

**Introduction.** As you know, the City of Nashua, New Hampshire (the “City”) is the sole corporate shareholder of Pennichuck Corporation (“Pennichuck”). The City has been the sole shareholder since the acquisition of Pennichuck on January 25, 2012.

The purpose of this letter is to request that the City, acting in its capacity as sole shareholder, approve several resolutions authorizing Pennichuck’s three regulated public water utility subsidiaries, Pennichuck Water Works, Inc. (“PWW”), Pennichuck East Utility, Inc. (“PEU”), and Pittsfield Aqueduct Company, Inc. (“PAC”), to borrow funds from the State of New Hampshire pursuant to the State Drinking Water Revolving Loan Fund Program (the “SRF Program”).

**Background.** As part of the City’s acquisition of Pennichuck, in accordance with special legislation enacted by the State Legislature, and as unanimously approved by the Mayor and Board of Aldermen on January 11, 2011, the corporate structure of Pennichuck and its utility subsidiaries was retained. This corporate structure was retained for several reasons. First, the Mayor and Board of Aldermen desired to maintain stability and continuity for customers and employees of the Pennichuck utilities and the communities they serve. Second, retaining the corporate structure provided continuity for the existing relationships with regulatory agencies and financial/banking partners. Third, the Mayor and Board of Aldermen unanimously agreed that the corporate structure would encourage business-smart decisions and rely upon well-established governance principles of corporate law, pursuant to Pennichuck’s Articles of Incorporation and its by-laws.

**Shareholder Approval of Borrowings Required.** Under Article IX of Pennichuck's Articles of Incorporation, the City, acting in its capacity as Pennichuck's sole shareholder, must approve:

- “(3) any action to (A) create, incur or assume any indebtedness for borrowed money or guarantee any such indebtedness of any person, (B) issue or sell any debt securities or warrants or other rights to acquire any debt securities of the [Pennichuck] Corporation or any of its Subsidiaries, or (C) guarantee any debt securities of any person.”

**Proposed Borrowings from the SRF Program.** Pennichuck requests the City's approval for three loans from the SRF Program to PWW, PEU, and PAC. The specifics of these loans are described below.

- (1) **PWW Borrowings.** Under the proposal, PWW would enter into a new long-term loan from the SRF Program in the principal amount of up to \$1,400,000 to finance the cost of replacing approximately 4,265 linear feet of water main in the Nashua Core Water System (Amherst Street area) in Nashua.
- (2) **PEU Borrowings.** Under the proposal, PEU would enter into a new long-term loan from the SRF Program in the principal amount of up to \$1,650,000 to finance the cost of replacing approximately 18,600 linear feet of water main in the Varney Road area at Locke Lake in Barnstead.
- (3) **PAC Borrowings.** Under the proposal, PAC would enter into a new long-term loan from the SRF Program in the principal amount of up to \$440,000 to finance the cost of installing approximately 4,650 linear feet of water main on Fairview Road/Catamount Road in Pittsfield.

**The Lender – SRF Program.** The funds for these loans will be provided by the State of New Hampshire Drinking Water Revolving Loan Fund Program. This SRF Program is administered by the New Hampshire Department of Environmental Services (“NHDES”). The SRF Program provides public and private water systems the opportunity to borrow funds on favorable terms at interest rates that are below commercial loan rates. Pennichuck has received confirmation from the NHDES that funding is available for each of these loans and projects.

**Terms of the SRF Borrowings.** All of the loans will have the same favorable terms, which will be reflected in separate written Loan Agreements and Promissory Notes issued by each of PWW, PEU and PAC, as required by the SRF Program. Amounts advanced pursuant to the loans during the construction period will accrue interest at a rate of 1% per annum, and the total accrued interest will be due upon substantial completion of the project. The terms of the SRF loans will require repayment of the loan principal plus interest over a 30-year period for PWW and PAC and a 20-year period for PEU, commencing six months after the project is substantially complete. The current interest rate on the SRF Program borrowings is 2.464% per annum, though the final rate is not locked in until the loan commences its repayment period. The loans

- 3 -

will be unsecured. The corporate parent, Pennichuck, will provide an unsecured corporate guaranty of the repayment of the loans in accordance with the terms of a Guaranty Agreement.

**Approval by Pennichuck, PWW, PEU and PAC.** The loans to finance the projects listed above and the guaranty of the loans have been approved by the respective Board of Directors of Pennichuck, PWW, PEU and PAC.

Pennichuck recommends that the City authorize (i) PWW, PEU and PAC to enter into the loans under the SRF Program; and (ii) Pennichuck to enter into the Guaranty Agreements.

**Other Approvals.** As regulated public utilities, PWW, PEU and PAC must obtain approval of the loans from the New Hampshire Public Utilities Commission (“NHPUC”), which will approve the loans if it finds the loans to be consistent with the public good. PWW, PEU and PAC will file petitions for approval with the NHPUC in early February, and expect the NHPUC to consider the petitions promptly. Under the SRF Program, the loans must also be approved by the Governor and Executive Council.

**Lower Costs Are Good for Customers.** Pennichuck and its Board of Directors have determined that the capital projects to be financed by the SRF Program loans will allow PWW, PEU and PAC to continue to provide safe, adequate and reliable water service to their customers on a cost-effective basis. The terms of the financings through the SRF Program are very favorable compared to other alternatives and will result in lower financing costs than would be available under other debt options. These lower financing costs will be passed on to customers.

**Requested Approvals.** For the reasons described above, Pennichuck respectfully requests that the City, acting in its capacity as sole shareholder of Pennichuck and pursuant to Article IX(3) of Pennichuck’s Articles of Incorporation, authorize the following actions:

RESOLVED, that the City hereby approves the borrowing by Pennichuck Water Works, Inc. of up to \$1,400,000 from the State of New Hampshire pursuant to the State Drinking Water Revolving Loan Fund Program to finance the cost of replacing approximately 4,265 linear feet of water main in the Nashua Core Water System (Amherst Street area) in Nashua;

FURTHER RESOLVED, that the City hereby approves the borrowing by Pennichuck East Utility, Inc. of up to \$1,650,000 from the State of New Hampshire pursuant to the State Drinking Water Revolving Loan Fund Program to finance the cost of replacing approximately 18,600 linear feet of water main in the Varney Road area at Locke Lake in Barnstead;

FURTHER RESOLVED, that the City hereby approves the borrowing by Pittsfield Aqueduct Company, Inc. of up to \$440,000 from the State of New Hampshire pursuant to the State Drinking Water Revolving Loan Fund Program to finance the cost of installing approximately 4,650 linear feet of water main on Fairview Road/Catamount Road in Pittsfield;

- 4 -

FURTHER RESOLVED, that the City hereby approves the guaranty by Pennichuck Corporation of the payment by each of Pennichuck Water Works, Inc., Pennichuck East Utility, Inc., and Pittsfield Aqueduct Company, Inc., of each of the loans authorized in the three prior resolutions; and

FURTHER RESOLVED, that the City hereby authorizes Pennichuck Corporation, Pennichuck Water Works, Inc., Pennichuck East Utility, Inc., and Pittsfield Aqueduct Company, Inc., their Boards of Directors, and their Officers, to take any and all actions required to obtain all necessary approvals with respect to the actions described in these resolutions and to execute and deliver such documents as are necessary to effect the SRF loans and the Guaranty described in these resolutions.

Respectfully submitted,

PENNICHUCK CORPORATION

By:   
\_\_\_\_\_  
Larry D. Goodhue  
Chief Executive Officer

cc. Mayor Jim Donchess



## **CHARGE RATES For Drinking Water State Revolving Fund (DWSRF) Loans**

<b><i>Term of Loan</i></b>	<b><i>Charge Rate Effective 12/14/2015</i></b>
<b>5 Years</b>	<b>0.77%</b>
<b>10 Years</b>	<b>1.54%</b>
<b>15 Years</b>	<b>2.31%</b>
<b>20 Years</b>	<b>2.464%</b>
<b>30 Years*</b>	<b>2.464%</b>

\*Available to disadvantaged communities only

11-Bond GO Index for December 10, 2015 is 3.08

Source: NH Department of Environmental Services, December 2015



PENNICHUCK

DW 16-234  
Pennichuck East Utility, Inc.  
Attachment to Staff 1-4  
25 MANCHESTER STREET  
PO BOX 1947  
MERRIMACK, NH 03054-1947  
  
(603) 882-5191  
FAX (603) 913-2305  
  
WWW.PENNICHUCK.COM

**VIA HAND DELIVERY**

February 2, 2016

Mr. Stephen Bennett  
Corporation Counsel  
City of Nashua  
229 Main Street  
Nashua, NH 03060

Re: Pennichuck East Utility, Inc. – Request for Approval of Loan with CoBank, ACB

Dear Attorney Bennett:

**Introduction.** As you know, the City of Nashua, New Hampshire (the “City”) is the sole corporate shareholder of Pennichuck Corporation (“Pennichuck”). The City has been the sole shareholder since the acquisition of Pennichuck on January 25, 2012.

The purpose of this letter is to request that the City, acting in its capacity as sole shareholder, approve resolutions authorizing Pennichuck’s regulated public water utility subsidiary, Pennichuck East Utility, Inc. (“PEU”), to enter into a term loan with CoBank, ACB (“CoBank”).

**Background.** As part of the City’s acquisition of Pennichuck, in accordance with special legislation enacted by the State Legislature, and as unanimously approved by the Mayor and Board of Aldermen on January 11, 2011, the corporate structure of Pennichuck and its utility subsidiaries was retained. This corporate structure was retained for several reasons. First, the Mayor and Board of Aldermen desired to maintain stability and continuity for customers and employees of the Pennichuck utilities and the communities they serve. Second, retaining the corporate structure provided continuity for the existing relationships with regulatory agencies and financial/banking partners. Third, the Mayor and Board of Aldermen unanimously agreed that the corporate structure would encourage business-smart decisions and rely upon well-established governance principles of corporate law, pursuant to Pennichuck’s Articles of Incorporation and its by-laws.

- 2 -

**Shareholder Approval of Borrowings Required.** Under Article IX of Pennichuck's Articles of Incorporation, the City, acting in its capacity as Pennichuck's sole shareholder, must approve:

“(3) any action to (A) create, incur or assume any indebtedness for borrowed money or guarantee any such indebtedness of any person, (B) issue or sell any debt securities or warrants or other rights to acquire any debt securities of the [Pennichuck] Corporation or any of its Subsidiaries, or (C) guarantee any debt securities of any person.”

**Proposed Borrowing from CoBank, ACB.**

PEU is a New Hampshire public utility corporation providing retail water service to approximately 7,300 customers in the New Hampshire towns of Atkinson, Barnstead, Bow, Chester, Conway, Derry, Exeter, Hooksett, Lee, Litchfield, Londonderry, Middleton, Pelham, Plaistow, Raymond, Sandown, Tilton, Weare and Windham. PEU is wholly-owned by Pennichuck which, in turn, is wholly-owned by the City.

PEU has entered into a Master Loan Agreement with CoBank dated as of February 9, 2010 (the “Master Loan Agreement”), which provides the framework for CoBank to make loans to PEU from time to time. A copy of the Master Loan Agreement is attached to this letter as Attachment A.

PEU requests the City's approval for PEU to enter into a term loan with CoBank in an amount up to \$2,200,000 with an amortization period of up to 25 years, with an interest rate to be determined based on market conditions (currently estimated at approximately 4.75% per annum). A copy of the term sheet for the term loan with CoBank is attached to this letter as Attachment B.

The CoBank loan will be secured by (i) a security interest in PEU's equity interest in CoBank (consisting of PEU's \$69,780 earned equity investment in CoBank from patronage dividends received since 2010, and PEU's right to receive future patronage dividends), and (ii) the unconditional guarantee of PEU's obligations to CoBank by Pennichuck pursuant to the Guarantee of Payment (Continuing) dated as of February 9, 2010 between Pennichuck and CoBank (the “Guaranty Agreement”), a copy of which is attached to this letter as Attachment C.

The proceeds from the CoBank loan will be used to (1) refinance and repay approximately \$1.1 million of intercompany debt owed to Pennichuck by PEU, which was used to fund capital improvements to the PEU water system infrastructure during 2015, which were not funded by State of New Hampshire Drinking Water Revolving Loan Fund (SRF) debt, and (2) provide financing for approximately \$1.1 million of PEU's 2016 capital expenditures and improvements.

**The Lender – CoBank, ACB**

CoBank is a government sponsored enterprise (“GSE”) owned by its customers, who consist of agricultural cooperatives, rural energy, communications and water companies and other

- 3 -

businesses that serve rural America. As a GSE, CoBank issues its debt securities with the implicit full faith and credit of the United States Government and uses these low cost funds to make loans to companies like PEU that meet its charter requirements. As a result of the implicit backing of the U.S. Government, CoBank's borrowing costs are lower than commercial banks and financial institutions, and these lower costs are passed on to its borrowers. In addition to the lower rates, CoBank loans generally have fewer covenants or restrictions as compared to loans from commercial banks and other financial institutions.

**Approval by Pennichuck and PEU.** The CoBank loan and guaranty have been approved by the Board of Directors of Pennichuck and PEU.

Pennichuck recommends that the City authorize (i) PEU to enter into the loan with CoBank; and (ii) Pennichuck to guaranty the loan.

**Lower Costs Are Good for Customers.**

Pennichuck and its Board of Directors have determined that the capital projects to be financed by the CoBank loan will allow PEU to continue to provide safe, adequate and reliable water service to their customers on a cost-effective basis. The terms of the loan are very favorable compared to other alternatives and will result in lower financing costs than would be available under other debt options. These lower financing costs will be passed on to customers.

The cash generated from the intercompany debt refinancing will be utilized to repay and restructure current debt payable to Pennichuck, without negatively impacting the customers of PEU.

**Other Approvals.** As a regulated public utility, PEU must obtain approval of the loan from the New Hampshire Public Utilities Commission ("NHPUC"), which will approve the loan if it finds the loan to be consistent with the public good. PEU will be filing a petition for approval with the NHPUC in early February and expects the NHPUC to consider the petition promptly.

**Requested Approvals.** For the reasons described above, Pennichuck respectfully requests that the City, acting in its capacity as sole shareholder of Pennichuck and pursuant to Article IX(3) of Pennichuck's Articles of Incorporation, authorize the following actions:

RESOLVED, that the City hereby approves the loan to Pennichuck East Utility, Inc. from CoBank, ACB, in an amount up to \$2,200,000, with a 25-year amortization schedule.

FURTHER RESOLVED, that the City hereby approves the guaranty by Pennichuck Corporation of the payment by Pennichuck East Utility, Inc. of the loan authorized in the prior resolution; and

- 4 -

FURTHER RESOLVED, that the City hereby authorizes Pennichuck Corporation and Pennichuck East Utility, Inc., their Boards of Directors, and their Officers, to take any and all actions required to obtain all necessary approvals with respect to the actions described in these resolutions and to execute and deliver such documents as are necessary to effect the CoBank loan and the guaranty described in these resolutions.

Respectfully submitted,

PENNICHUCK CORPORATION

By:   
\_\_\_\_\_  
Larry D. Goodhue  
Chief Executive Officer

cc. Mayor Jim Donchess

MLA No. RX0848

## MASTER LOAN AGREEMENT

**THIS MASTER LOAN AGREEMENT** (this "Agreement") is entered into as of February 9, 2010, between **PENNICHUCK EAST UTILITY, INC.**, a New Hampshire corporation (the "Company"), and **CoBANK, ACB**, a federally chartered instrumentality of the United States ("CoBank").

### BACKGROUND

From time to time, CoBank may make loans and extend other types of credit to or for the account of the Company. In order to facilitate the making of such loans and other types of credit, the parties are entering into this Agreement.

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

### ARTICLE 1 DEFINITIONS AND RULES OF INTERPRETATION

**SECTION 1.01. Definitions.** Capitalized terms used in this Agreement and defined in Exhibit A hereto shall have the meanings set forth in that Exhibit.

**SECTION 1.02. Rules of Interpretation.** The rules of interpretation set forth in Exhibit A shall apply to this Agreement.

### ARTICLE 2 THE SUPPLEMENTS

**SECTION 2.01. Promissory Notes and Supplements.** In the event the Company desires to borrow from CoBank and CoBank is willing to lend to the Company, the parties will enter into a promissory note and supplement hereto (each a "Promissory Note and Supplement"). Each Promissory Note and Supplement will set forth CoBank's commitment to make a loan or loans to the Company, the amount of the loan(s), the purpose of the loan(s), the interest rate or interest rate options applicable to the loan(s), the Company's promise to repay the loans, and any other terms and conditions applicable to the particular loan(s). Each loan will be governed by the terms and conditions set forth in this Agreement and in the Promissory Note and Supplement relating to that loan. In the absence of a Promissory Note and Supplement hereto duly executed by CoBank, CoBank shall have no obligation to make a loan to the Company under this Agreement.

**SECTION 2.02. Notice and Manner of Borrowing New Loans.** Except as otherwise provided in a Promissory Note and Supplement: (A) loans will be made available on any Business Day upon the telephonic or written request of an authorized employee of the Company (which request, if made telephonically, shall be promptly confirmed in writing if required by CoBank); (B) requests for loans must be received by 12:00 noon Company's local time on the date the loan is to be made; and (C) loans will be made available by wire transfer of immediately available funds to such account or accounts as may be authorized by the Company on forms supplied by CoBank.

**SECTION 2.03. Method of Payment.** The Company shall make all payments to CoBank under this Agreement and each Promissory Note and Supplement hereto by wire transfer of immediately available funds, by check, or, if specified by separate agreement between the Company and CoBank, by automated clearing house (ACH) or other similar cash handling processes. Wire transfers shall be made to ABA No. 307088754 for advice to and credit of "CoBANK" (or to such other account as CoBank may direct by notice). The Company shall give CoBank telephonic notice no later than 12:00 noon Company's local time of its intent to pay by wire, and funds received after 3:00 p.m. Company's local time shall be credited on the next Business Day. Checks shall be mailed to CoBANK, Department 167, Denver, Colorado 80291-0167 (or to such other place as CoBank may direct by notice). Credit for payment by check will not be given until the latter of the next Business Day after receipt of the check or the Business Day on which CoBank receives immediately available funds.

**SECTION 2.04. Security and Guaranty.**

(A) **Security.** The Company's obligations hereunder and under each other Loan Document to which the Company is a party (whether executed contemporaneously herewith or at a later date) shall be secured by a statutory first priority Lien on all equity which the Company may now own or hereafter acquire or be allocated in CoBank and all proceeds thereof.

(B) **Credit Support.** In addition to the above, the Company's obligations hereunder and under each Promissory Note and Supplement hereto shall be guaranteed by Pennichuck Corporation (the "Guarantor") pursuant to a guarantee of payment in form and content acceptable to CoBank (as amended or restated from time to time, the "Guaranty").

**ARTICLE 3  
CONDITIONS PRECEDENT**

**SECTION 3.01. Conditions Precedent to the Initial Promissory Notes and Supplements Hereto.** CoBank's obligation to make a loan or loans under the initial Promissory Note and Supplement hereto (or, in the event that more than one Promissory Note and Supplement is being executed on the date hereof, each initial Promissory Note and Supplement hereto), is subject to the following conditions precedent, which, in the case of instruments and documents, must be in form and content acceptable to CoBank:

(A) **This Agreement.** CoBank shall have received a duly executed original of this Agreement.

(B) **Guaranty and Related Documents.** (1) A duly executed original Guaranty; (2) copies, certified by the Secretary of the Guarantor as of the date hereof (or as of another date acceptable to CoBank), of such board resolutions, evidence of incumbency, and other evidence as CoBank may require that the Guaranty has been duly authorized, executed and delivered by the Guarantor; and (3) an opinion of counsel to the Guarantor, which counsel and opinion must be in form and content acceptable to CoBank.

(C) **Consent and Agreement.** A consent and agreement (the "Consent and Agreement") between the Company, Pennichuck Water Works, Inc. ("PWW"), and CoBank in form and content acceptable to CoBank.

(D) **Secretary's Certificate.** CoBank shall have received an original certificate of the Secretary of the Company dated as of the date hereof (or as of another date acceptable to CoBank)

attaching and certifying as to each of the following, all of which must be in form and content acceptable to CoBank: (1) the Articles of Incorporation of the Company, certified by the Secretary of State of New Hampshire within 30 days of the date hereof; (2) the Bylaws of the Company; and (3) a certificate of the Secretary of State of New Hampshire issued within 30 days of the date hereof attesting to the due formation and good standing of the Company in the State of New Hampshire.

**(C) Delegation and Wire Transfer Form.** CoBank shall have received a duly executed original delegation and wire transfer authorization form.

**(D) Equity In CoBank.** The Company shall have purchased \$1,000 in equity in CoBank.

**SECTION 3.02. Conditions to Each Supplement.** CoBank's obligation to make the initial loan under each Promissory Note and Supplement hereto (including the initial Promissory Note(s) and Supplement(s) hereto) is subject to the following conditions precedent (which in the case of instruments and documents, must be originals and in form and content acceptable to CoBank):

**(A) Supplement.** CoBank shall have received a duly executed Promissory Note and Supplement and all Loan Documents required by the Promissory Note and Supplement.

**(B) Evidence of Authority.** CoBank shall have received copies, certified by the Secretary of the Company as of the date of the Promissory Note and Supplement (or as of another date acceptable to CoBank), of such board resolutions, evidence of incumbency, and other evidence as CoBank may require that the Promissory Note and Supplement and all Loan Documents executed in connection therewith have been duly authorized, executed and delivered.

**(C) Consents and Approvals.** CoBank shall have received such evidence as CoBank may require that all consents and approvals referred to in Section 4.11 hereof, have been obtained and are in full force and effect.

**(D) Fees and Other Charges.** CoBank shall have received all fees or other charges provided for herein or in the Promissory Note and Supplement.

**(E) Application.** CoBank shall have received a duly executed and completed copy of an application for the credit and all instruments and documents required by the application for credit.

**(F) Insurance.** CoBank shall have received such evidence as CoBank may reasonably require that the Company is in compliance with Section 5.03 hereof.

**(G) Opinion of Counsel.** CoBank shall have received an opinion of counsel to the Company, which counsel and opinion must be reasonably acceptable to CoBank.

**SECTION 3.03. Conditions to Each Loan.** CoBank's obligation under each Promissory Note and Supplement (including the initial Promissory Note(s) and Supplement(s) hereto) to make any loan to the Company thereunder, including the initial loan, is subject to the conditions precedent that: (A) no Default or Event of Default shall have occurred and be continuing; (B) each of the representations and warranties of the Company set forth herein, in the Promissory Note and Supplement, and in all other Loan Documents shall be true and correct as of the date of the loan; and (C) the Company shall have

satisfied all conditions and requirements set forth in the Promissory Note and Supplement relating to that loan.

#### **ARTICLE 4 REPRESENTATIONS AND WARRANTIES**

To induce CoBank to enter into and make loans under each Promissory Note and Supplement, the Company represents and warrants that:

**SECTION 4.01. Organization, Etc.** The Company: (1) is a corporation duly organized, validly existing, and in good standing under the Laws of the State of New Hampshire; (2) has the power and authority to own its assets and to transact the business in which it is engaged or proposes to engage and to enter into and perform the Loan Documents; and (3) is duly qualified to do business in, and is in good standing under the Laws of, each jurisdiction in which such qualification is required.

**SECTION 4.02. Loan Documents.** This Agreement, the Promissory Note and Supplement, and all other Loan Documents: (1) have been duly authorized, executed and delivered by the Company and each other Person that is a party thereto; and (2) create legal, valid and binding obligations of the Company and each other Person that is a party thereto which are enforceable in accordance with their terms, except to the extent that enforcement may be limited by applicable bankruptcy, insolvency or similar Laws affecting creditors' rights generally.

**SECTION 4.03. Operation of Business.** The Company possesses all licenses, certificates, permits, authorizations, approvals, franchises, patents, copyrights, trademarks, trade names, rights thereto, or the like which are material to the operation of its business or required by Law, and the Company is not in violation of the rights of others with respect thereto.

**SECTION 4.04. Litigation.** Except as disclosed in any application submitted in connection with the Promissory Note and Supplement, there are no pending or threatened actions or proceedings against or affecting the Company before any court, governmental agency, mediator, arbitrator, or the like which could, in any one case or in the aggregate, if adversely decided, have a Material Adverse Effect.

**SECTION 4.05. Ownership and Subsidiaries.** The Company: (A) is owned 100% by the Guarantor; and (2) has no Subsidiaries.

**SECTION 4.06. Financial Statements.** The Financial Statements are complete and correct and fairly present the financial condition of the Company, and the results of the operations of the Company as of the date and for the periods covered by such Financial Statements, all in accordance with GAAP consistently applied. Since the date of the most recent Financial Statement, there has been no material adverse change in the condition, financial or otherwise, business or operations of the Company. There are no liabilities of the Company which are material but not reflected in the Financial Statements or in the notes thereto.

**SECTION 4.07. Ownership and Liens.** The Company has title to, or valid easement or leasehold interests in, all of its properties, real and personal, including the property and leasehold interests reflected in the Financial Statements (other than any property disposed of in the ordinary course of business), and none of the properties or leasehold interests of the Company are subject to any Lien, except such as may be permitted under Section 6.01 of this Agreement.

**SECTION 4.08. Compliance with Law.** All of the Company's properties and all of its operations, are in compliance in all material respects with all Laws. Without limiting the foregoing, all property owned or leased by the Company, all property proposed to be acquired with the proceeds of the Promissory Note and Supplement, and all operations conducted thereon on all such property, are in compliance in all material respects with all Laws relating to the environment

**SECTION 4.09. Environment.** Except as disclosed in any application submitted in connection with the Promissory Note and Supplement: (A) no property owned or leased by the Company is being used, or to its knowledge, has been used for the disposal, treatment, storage, processing or handling of hazardous waste or materials (as defined under any applicable environmental Law); (B) no investigation, claim, litigation, proceedings, order, judgment, decree, settlement, Lien or the like with respect to any environmental matter is proposed, threatened, anticipated or in existence with respect to the properties or operations of the Company; and (C) no environmental contamination or condition currently exists on any property of the Company which could delay the sale or other disposition of such property or could have, or already has had, an adverse effect on the value of such property.

**SECTION 4.10. ERISA.** All plans ("ERISA Plans") of a type described in Section 3(3) of ERISA in respect of which Company is an "Employer", as defined in Section 3(5) of ERISA, are, to the best knowledge of the Company, in substantial compliance with ERISA, and none of such ERISA Plans is insolvent or in reorganization, or has an accumulated or waived funding deficiency within the meaning of Section 412 of the Internal Revenue Code. The Company has not incurred any material liability (including any material contingent liability) to or on account of any such ERISA Plan pursuant to Sections 4062, 4063, 4064, 4201 or 4204 of ERISA. No proceedings have been instituted to terminate any such ERISA Plan.

**SECTION 4.11. Consents and Approvals.** Except for such as shall have been obtained and are in full force and effect, no consent, permission, authorization, order or license of any governmental authority or of any party to any agreement to which the Company is a party or by which it or any of its property may be bound or affected, is necessary in connection with: (A) the execution, delivery, performance or enforcement of the Loan Documents; and (B) the project, acquisition, or other activity being financed by the Promissory Note and Supplement.

**SECTION 4.12. Conflicting Agreements.** None of the Loan Documents conflicts with, or constitutes (with or without the giving of notice and/or the passage of time and/or the occurrence of any other condition) a default under, any other agreement to which the Company is or expects to become a party or by which the Company or any of its properties may be bound or affected, and do not conflict with any provision of the articles of incorporation, bylaws, or other organizational documents of the Company.

**SECTION 4.13. Compliance and No Default.** The Company is operating its business in compliance with all of the terms of the Loan Documents, and no Default or Event of Default exists.

**SECTION 4.14. Applications.** Each representation and warranty and all information set forth in the application submitted in connection with, or to induce CoBank to enter into, the Promissory Note and Supplement is correct in all material respects.

**SECTION 4.15. Budgets, Etc.** All budgets, projections, feasibility studies, and other documentation submitted by or on behalf of the Company to CoBank in connection with, or to induce CoBank to enter into, the Promissory Note and Supplement, are based upon assumptions that are

reasonable and realistic, and no fact has come to light, and no event has occurred, which would cause any material assumption made therein to not be reasonable or realistic.

**SECTION 4.16. Water Rights.** The Company: (A) has water rights with such amounts, priorities and qualities as are necessary to adequately serve the customers of the Company; (B) controls, owns, or has access to all such water rights free and clear of the interests of any third party; and (C) has not suffered or permitted any transfer or encumbrance of such water rights, has not abandoned such water rights, or any of them, and has not done any act or thing which would impair or cause the loss of any such water rights.

**SECTION 4.17. Facilities.** The Company's utility facilities: (A) meet present demand in all material respects; (B) are constructed in a good and professional manner; (C) are in good working order and condition; and (D) comply in all material respects with all applicable Laws.

**SECTION 4.18. Rate Matters.** (A) The Company's rates for water and/or wastewater services are subject to rate regulation by the Public Utilities Commission of the State of New Hampshire; and (B) there is no pending and, to the Company's knowledge, threatened action or proceeding before any court or governmental authority, the objective or result of which is or could be to: (1) reduce or otherwise adversely change any of the Company's rates for the provision of water and/or wastewater services; (2) limit or revoke any of the Company's permits or other authorizations to conduct business; or (3) except as disclosed in any application submitted in connection with the Promissory Note and Supplement, otherwise have a Material Adverse Effect.

**SECTION 4.19. Enforcement Actions.** The Company is not subject to any Enforcement Action and, to the knowledge of the Company, no such actions have been threatened or are contemplated.

**SECTION 4.20. Taxes.** The Company has timely and properly filed all tax returns (federal, state and local) that were required to be filed, and has paid any taxes, assessments, and other governmental charges, including interest and penalties. There are no audits pending or, to the knowledge of the Company, threatened against the Company.

## **ARTICLE 5 AFFIRMATIVE COVENANTS**

Unless otherwise agreed to in writing by CoBank, while this Agreement is in effect, the Company agrees to:

**SECTION 5.01. Maintenance of Existence, Etc.** Preserve and maintain its existence and good standing in the jurisdiction of its formation, qualify and remain qualified to transact business in all jurisdictions where such qualification is required, and obtain and maintain all licenses, permits, franchises, patents, copyrights, trademarks, tradenames, or rights thereto which are material to the conduct of its business or required by Law.

**SECTION 5.02. Compliance With Laws.** Comply in all material respects with all applicable Laws (including all Laws relating to the environment). In addition, the Company agrees to cause all Persons occupying or present on any of its properties to comply in all material respects with all such Laws.

**SECTION 5.03. Insurance.** Maintain insurance with financially sound and reputable insurance companies or associations reasonably acceptable to CoBank in such amounts and covering such risks as are usually carried by companies engaged in the same business and similarly situated, and make such increases in the amounts or coverage thereof as CoBank may from time to time require. Without limiting the foregoing, in the event any property of the Company is located in a flood zone, then the Company shall obtain such flood insurance as may be required by CoBank. All policies insuring any collateral shall have lender or mortgagee loss payable clauses or endorsements in form and content acceptable to CoBank. At CoBank's request, the Company agrees to deliver to CoBank such proof of compliance with this Section as CoBank may require.

**SECTION 5.04. Property Maintenance.** Maintain all of its properties that are necessary to or useful in the proper conduct of its business in good repair, working order and condition, ordinary wear and tear excepted, and make all alterations, improvements and replacements thereto as may from time to time be necessary in order to ensure that its properties remain in good working order and condition. The Company agrees that at CoBank's request, which request may not be made more than once a year, the Company will furnish to CoBank a report on the condition of the Company's property prepared by a professional engineer satisfactory to CoBank.

**SECTION 5.05. Books and Records.** Keep adequate records and books of account in which complete entries will be made in accordance with GAAP.

**SECTION 5.06. Reports and Notices.** Furnish to CoBank:

(A) **Annual Financial Statements.** As soon as available, but in no event more than 120 days after the end of each fiscal year of the Company occurring during the term hereof, annual consolidated and consolidating financial statements of the Company and its consolidated subsidiaries, if any, prepared in accordance with GAAP consistently applied (or the appropriate standards of the regulatory agency having jurisdiction over the Company). Such financial statements shall: (a) be audited by independent certified public accountants selected by the Company and acceptable to CoBank; (b) be accompanied by a report of such accountants containing an opinion thereon acceptable to CoBank; (c) be prepared in reasonable detail and in comparative form; and (d) include a balance sheet, a statement of income, a statement of retained earnings, a statement of cash flows, and all notes and schedules relating thereto. Notwithstanding the foregoing, the delivery within the time period specified above of the Guarantor's Annual Report on Form 10-K for such fiscal year containing consolidating information on the Company (together with the Guarantor's annual report to shareholders, if any, prepared pursuant to Rule 14a-3 of the Exchange Act) prepared in accordance with the requirements therefor and filed with the Securities and Exchange Commission, together with the accountant's certificate described above, shall be deemed to satisfy the requirements of this Section 5.06(A);

(B) **Quarterly Financial Statements.** As soon as available, but in no event more than 60 days after the end of each fiscal quarter of the Company occurring during the term hereof (other than the last fiscal quarter in each fiscal year), such Company prepared quarterly financial statements as CoBank may from time to time request.

(C) **Annual Officer's Certificate.** Together with each set of financial statements delivered to CoBank pursuant to Subsection (A) of this Section 5.06, a duly completed and executed certificate of the Chief Financial Officer of the Company in the form attached hereto as Exhibit B.

**(D) Annual Budgets.** As soon as available, but in no event more than 90 days after the beginning of each fiscal year of the Company, an annual budget and forecast of operations and capital expenditures for the Company for such year, which budget must be in form and content reasonably acceptable to CoBank.

**(E) Notice of Litigation, Material Matters, Etc.** Promptly after becoming aware thereof, notice of: (1) the commencement of any action, suit or proceeding before any court, governmental instrumentality, arbitrator, mediator or the like which, if adversely decided, could have a Material Adverse Effect; (2) the commencement of any Enforcement Action; (3) the receipt of any notice, indictment, pleading, or other communication alleging a condition that may require the Company to undertake or to contribute to a clean-up or other response under any environmental Law, or which seeks penalties, damages, injunctive relief, or other relief as a result of an alleged violation of any such Law, or which claims personal injury or property damage as a result of environmental factors or conditions; and (4) the occurrence of any other event or matter (including the rendering of any order, judgment, ruling and the like) which could have a Material Adverse Effect.

**(F) Notice of Default.** Promptly after becoming aware thereof, notice of the occurrence of a Default or an Event of Default.

**(G) Notice of Certain Events.** At least 60 days prior thereto notice of any change in the: (1) principal place of business of the Company; or (2) the office where the records concerning the Company's accounts are kept.

**(H) Other Notices.** Such other notices as may be required by any Promissory Note and Supplement or any other Loan Document.

**(I) Other Information.** Such other information regarding the condition or operations, financial or otherwise, of the Company as CoBank may from time to time reasonably request, including, but not limited to, budgets, interim financial statements, and copies of all pleadings, notices and communications referred to in Section 5.06(E) hereof.

**SECTION 5.07. Conduct of Business.** Engage in an efficient and economical manner in the business conducted by it on the date hereof.

**SECTION 5.08. Capital.** Acquire equity in CoBank in such amounts and at such times as CoBank may from time to time require in accordance with its bylaws and capital plan (as each may be amended from time to time), except that the maximum amount of equity that the Company may be required to purchase in connection with a loan may not exceed the maximum amount permitted by CoBank's bylaws at the time the Promissory Note and Supplement relating to such loan is entered into or such loan is renewed or refinanced by CoBank. The rights and obligations of the parties with respect to such equity and any patronage or other distributions made by CoBank shall be governed by CoBank's bylaws and capital plan (as each may be amended from time to time).

**SECTION 5.09. Inspection.** Permit CoBank or its agents, upon reasonable notice and during normal business hours or at such other times as the parties may agree, to examine the properties, books and records of the Company, and to discuss its affairs, finances and accounts with its officers, directors, and independent certified public accountants.

**SECTION 5.10. Water Rights, Title to Property, Etc.** (A) Obtain and maintain water rights in such amounts, priorities and qualities as are necessary at all times to meet the needs of its customers; (B) obtain and maintain title to, valid leasehold interests in, or other valid interests (including easements, licenses and servitudes) in, all real property on which all water wells, reservoirs, water and wastewater treatment plants, and warehouse and storage facilities are located; (C) keep all water rights and discharge rights free and clear of any interest of any third party; and (D) not suffer or permit any transfer or encumbrance of any water rights or discharge rights, or abandon any water rights or discharge rights, or do any act or thing which would impair or cause the loss of any water rights or discharge rights.

## **ARTICLE 6 NEGATIVE COVENANTS**

Unless otherwise agreed to in writing by CoBank, while this Agreement is in effect, the Company will not:

**SECTION 6.01. Liens.** Create, incur, assume, or suffer to exist any Lien on any of its properties, except:

(A) Liens in favor of other lenders; provided, however, that: (1) at the time thereof, CoBank is granted a Lien on the same assets and such Lien is shared pro rata by CoBank and such other lenders pursuant to an intercreditor agreement in form and substance reasonably satisfactory to CoBank; and (2) the instruments and documents granting and/or perfecting such Lien are in form and content reasonably satisfactory to CoBank.

(B) Liens for taxes or assessments or other governmental charges or levies if not yet due and payable or, if due and payable: (i) the Company is contesting same in good faith by appropriate proceedings; (ii) the Company has established and maintains reserves in the amount due and payable thereon (including interest and penalties); and (iii) foreclosure or other action to enforce the Lien is stayed.

(C) Liens in favor of mechanics, landlords, material suppliers, warehouses, carriers, and like Persons that secure obligations that are not past due or if due and payable: (i) the Company is contesting same in good faith by appropriate proceedings; (ii) the Company has established and maintains reserves in the amount due and payable thereon (including interest and penalties); and (iii) foreclosure or other action to enforce the Lien is stayed.

(D) Deposits and pledges under workers' compensation, unemployment insurance, Social Security, or similar legislation (other than ERISA).

(E) Deposits and pledges to secure the performance of bids, tenders, contracts (other than contracts for the payment of money), public and statutory obligations, surety, stay, appeal, indemnity, performance or other similar bonds, or other similar obligations, in each case arising in the ordinary course of business.

(F) Judgment and similar Liens arising in connection with court proceeding, provided the execution or other enforcement of such Liens is effectively stayed, the claims secured thereby are being actively contested in good faith and by appropriate proceedings, and reserves in the amount secured thereby (including interest and penalties) are established and maintained by the Company.

(G) Easements, rights-of-way, restrictions, and other similar encumbrances which, in the aggregate, do not materially interfere with the occupation, use, and enjoyment by the Company of the property or assets encumbered thereby in the normal course of its business or materially impair the value of the property subject thereto.

(H) Purchase money Liens on trucks and other rolling stock and the proceeds thereof to secure debt permitted under Section 6.02(E) hereof.

**SECTION 6.02. Debt.** Create, incur, assume, or suffer to exist, any indebtedness or liability for borrowed money or for the deferred purchase price of property or services or for letters of credit, except that, as long as the Company is and remains in compliance with Article 7 hereof, for: (A) debt of the Company to CoBank; (B) debt to the New Hampshire State Revolving Fund incurred to finance the expansion of the Company's water utility facilities; (C) debt to the Guarantor; provided, however, that such debt is subordinate to all obligations of the Company to CoBank on terms and conditions satisfactory to CoBank; (D) accounts payable to trade creditors incurred in the ordinary course of business; (E) purchase money indebtedness and capital leases in an aggregate principal amount not to exceed, at any one time outstanding, \$200,000; and (F) obligations of the Company with respect to tax exempt debt obligations issued by the State of New Hampshire or any agency or department thereof in order to finance the expansion of the Company's water utility facilities.

**SECTION 6.03. Sale, Transfer or Lease of Assets.** Sell, transfer, lease or otherwise dispose of any of its assets except for: (A) the sale of water and wastewater services in the ordinary course of business; and (B) the sale, lease or other disposition of equipment which is: (1) obsolete, worn-out or no longer necessary for, or useful in, the provision of water and wastewater services to customers in its service territories; and (2) not occasioned by the discontinuance of service to any portion of its service territory.

**SECTION 6.04. Distributions.** Declare or pay, directly or indirectly, any Distribution unless after giving effect thereto: (A) no Default or Event of Default will exist (including as a result of a breach of any financial covenant set forth in Article 7 hereof); and (B) the Company will have a Total Debt to Total Capitalization Ratio of less than 65%.

**SECTION 6.05. Contingent Liabilities.** Assume, guarantee, endorse, or otherwise be or become directly or contingently responsible or liable for the obligations of any Person (including by means of an agreement to: (A) purchase any obligation, stock, assets, or services; (B) supply or advance any funds, assets, or services; or (C) cause any Person to maintain a minimum working capital or net worth or other financial test), except by the endorsement of negotiable instruments for deposit or collection or similar transactions in the ordinary course of business.

**SECTION 6.06. Mergers, Etc.** Merge or consolidate with any other Person or acquire all or a material part of the assets of any other Person, or change the jurisdiction of its formation, except for mergers or acquisitions where: (A) the Company is the surviving entity; and (B) the Person merged into the Company or whose assets were acquired was a regulated water system or a water system owned by the Guarantor.

**SECTION 6.07. Change in Business, Etc..** Engage in any business activities or operations substantially different from or unrelated to its present business activities or operations or make any change in the Company's name, structure, jurisdiction of formation, or organizational number (if any).

**SECTION 6.08. Prepayment.** While any Default or Event of Default shall have occurred and be continuing, prepay, directly or indirectly, any debt (other than debt to CoBank).

**SECTION 6.09. Investments.** Make any loan or advance to, or deposit any funds of the Company in, or purchase or otherwise acquire any capital stock, obligations, or other securities of, or make any capital contribution to, or otherwise invest in or acquire any interest in, any Person (including a Subsidiary), or participate as a partner or joint venturer with any other Person (collectively, "Investments"), except: (A) securities or deposits issued, guaranteed or fully insured as to payment by the United States of America or any agency thereof; (B) commercial paper of a domestic issuer rated at least "A-1" by Standard & Poor's Corporation or "P-1" by Moody's Investors Service, Inc.; and (C) intercompany loans made in accordance with the Money Pool Agreement; and (D) Investments in CoBank.

**SECTION 6.10. Certain Agreements.** Amend, alter, waive any provision of, breach or terminate any agreement (or accept any termination by the other party) if such action could reasonably be expected to have a Material Adverse Effect.

**SECTION 6.11. Transactions with Affiliates.** Enter into any transaction with an Affiliate except in the ordinary course of and pursuant to the reasonable requirements of its business and upon fair and reasonable terms no less favorable to the Company than would obtain in a comparable arm's-length transaction with a Person not an Affiliate.

## **ARTICLE 7 FINANCIAL COVENANTS**

Unless otherwise agreed to in writing by CoBank, while this Agreement is in effect:

**SECTION 7.01. Debt Service Coverage Ratio.** The Company shall have for each fiscal year of the Company, a Debt Service Coverage Ratio of not less than 1.25 to 1.00.

**SECTION 7.02. Total Debt to Total Capitalization Ratio.** The Company shall have at the end of each fiscal year of the Company, a Total Debt to Total Capitalization Ratio of not more than .65 to 1.00.

**SECTION 7.03. Fiscal Year.** The Company will not change its fiscal year.

## **ARTICLE 8 EVENTS OF DEFAULT**

Each of the following shall constitute an "Event of Default" hereunder:

**SECTION 8.01. Payment Default.** The Company should fail to make when due any payment to CoBank hereunder, under any Promissory Note and Supplement, or under any other Loan Document.

**SECTION 8.02. Representations and Warranties, Etc.** Any opinion, certificate or like document furnished to CoBank by or on behalf of the Company, or any representation or warranty made or deemed made by the Company herein or in any other Loan Document, shall prove to have been false or misleading in any material respect on or as of the date furnished, made or deemed made.

**SECTION 8.03. Covenants.** The Company should fail to perform or comply with any covenant set forth in Article 5 hereof (other than Sections 5.01, 5.06(F) and 5.10) and such failure continues for 30 days after written notice thereof shall have been delivered to the Company by CoBank.

**SECTION 8.04. Other Covenants and Agreements.** The Company should fail to perform or comply with Sections 5.01, 5.06(F) or 5.10, or any other covenant or agreement contained herein or in any Promissory Note and Supplement, or shall use the proceeds of any loan for any unauthorized purpose.

**SECTION 8.05. Cross Default.** The Company should, after any applicable grace period, breach or be in default under the terms of any other Loan Document, any other agreement with CoBank, or any agreement with any affiliate of CoBank, including the Farm Credit Leasing Services Corporation.

**SECTION 8.06. Other Indebtedness.** The Company should fail to pay when due any indebtedness to any other person or entity for borrowed money or any long-term obligation for the deferred purchase price of property (including any capitalized lease), or any other event occurs which, under any agreement or instrument relating to such indebtedness or obligation, has the effect of accelerating or permitting the acceleration of such indebtedness or obligation, whether or not such indebtedness or obligation is actually accelerated or the right to accelerate is conditioned on the giving of notice, the passage of time, or otherwise.

**SECTION 8.07. Judgments.** A judgment, decree, or order for the payment of money shall have been rendered against the Company and either: (A) enforcement proceedings shall have been commenced; (B) a Lien having priority over any Lien of CoBank shall have been obtained; or (C) such judgment, decree, or order shall continue unsatisfied and in effect for a period of 30 consecutive days without being vacated, bonded, discharged, satisfied, or stayed pending appeal.

**SECTION 8.08. Insolvency, Etc.** The Company shall: (A) become insolvent or shall generally not, or shall be unable to, or shall admit in writing its inability to, pay its debts as they become due; or (B) suspend its business operations or a material part thereof; or (C) apply for, consent to, or acquiesce in the appointment of a trustee, receiver, or other custodian for it or any of its property; or (D) have commenced against it any action or proceeding for the appointment of a trustee, receiver, or other custodian, or a trustee, receiver, or other custodian is appointed for all or any part of its property; (E) have commenced against it any proceeding under any bankruptcy, reorganization, arrangement, readjustment of debt, dissolution, or liquidation law of any jurisdiction; or (F) make an assignment for the benefit of creditors or commence any proceeding under any bankruptcy, reorganization, arrangement, readjustment of debt, dissolution, or liquidation law of any jurisdiction.

**SECTION 8.09. Casualty or Condemnation.** All or a material portion of the assets of the Company: (A) are destroyed in a casualty or like event (regardless of the cause); or (B) are actually taken in a condemnation action or proceeding or in a like proceeding or are sold or otherwise transferred in lieu thereof or pursuant to any right of any governmental authority to direct the sale of transfer thereof.

**SECTION 8.10. Material Adverse Change.** Any material adverse change occurs, as reasonably determined by CoBank, in the condition, financial or otherwise, operations, business or properties of the Company or in its ability to perform its obligations hereunder, under any security instrument or document, or under any other Loan Document.

**SECTION 8.11. Changes in Ownership.** The Company shall cease to be owned 100% by the Guarantor or 50% or more of the voting stock in the Guarantor should be acquired by a Person or a Person and one or more Affiliates of that Person.

**SECTION 8.12. Guaranty, Etc.** The Guaranty shall, at any time, cease to be in full force and effect, or shall be revoked or declared null and void, or the validity or enforceability thereof shall be contested by the Guarantor, or the Guarantor shall deny any further liability or obligation thereunder, or shall fail to perform its obligations thereunder, or any representation or warranty set forth therein shall be breached, or the Guarantor shall breach or be in default under the terms of any other agreement with CoBank (including any loan agreement or security agreement), or an Event of Default of the type set forth in Sections 8.06 through 8.10 hereof shall occur with respect to the Guarantor.

**SECTION 8.13. PWW.** The Consent and Agreement shall, at any time, cease to be in full force and effect, or shall be revoked or declared null and void, or the validity or enforceability thereof shall be contested by PWW, or PWW shall deny any further liability or obligation thereunder, or shall fail to perform its obligations thereunder, or an Event of Default of the type set forth in Sections 8.06, 8.07, 8.08, 8.09(A), or 8.10 hereof shall occur with respect to PWW, or an Event of Default of the type referred to in Sections 8.09(B) or 8.11 shall occur with respect to PWW and, in CoBank's sole discretion, such event could have a material adverse effect on the condition, financial or otherwise, operations, business or properties of the Company or in its ability to conduct its business or perform its obligations hereunder, under any security instrument or document, or under any other Loan Document.

## **ARTICLE 9 REMEDIES UPON DEFAULT**

**SECTION 9.01. Remedies.** Upon the occurrence and during the continuance of a Default or Event of Default, CoBank shall have no obligation to make any loan to the Company and may discontinue doing so at any time without prior notice. In addition, upon the occurrence and during the continuance of an Event of Default, CoBank may, upon notice to the Company:

**(A) Termination and Acceleration.** Terminate any commitment and declare the unpaid principal balance of the loans, all accrued interest thereon, and all other amounts payable under this Agreement, the Promissory Notes and Supplements, and all other Loan Documents to be immediately due and payable; provided, however, that upon the occurrence of an Event of Default under Section 8.08(F), any commitments shall automatically be terminated and all such amounts shall automatically become due and payable. Upon such a declaration (or automatically, as provided above), the unpaid principal balance of the loans and all such other amounts shall become immediately due and payable, without protest, presentment, demand, or further notice of any kind, all of which are hereby expressly waived by the Company.

**(B) Enforcement.** Proceed to protect, exercise, and enforce such rights and remedies as may be provided by this Agreement, any other Loan Document, or under Law. Each and every one of such rights and remedies shall be cumulative and may be exercised from time to time, and no failure on the part of CoBank to exercise, and no delay in exercising, any right or remedy shall operate as a waiver thereof, and no single or partial exercise of any right or remedy shall preclude any future or other exercise thereof, or the exercise of any other right. Without limiting the foregoing, CoBank may hold and/or set off and apply against the Company's obligations to CoBank the proceeds of any equity in CoBank and any balances held in any account maintained at CoBank (whether or not such balances are then due).

(C) **Application of Funds.** Apply all payments received by it to the Company's obligations to CoBank in such order and manner as CoBank may elect in its sole discretion.

In addition to the rights and remedies set forth above and notwithstanding the terms of any Promissory Note and Supplement, upon the occurrence and during the continuance of an Event of Default, the unpaid principal balance of the loans and, to the extent permitted by Law, overdue interest, fees and other charges, shall, at CoBank's option in each instance (and automatically following an acceleration), accrue interest at the Default Rate.

## ARTICLE 10 MISCELLANEOUS

**SECTION 10.01. Broken Funding Surcharge.** Notwithstanding the terms of any Promissory Note and Supplement, the Company agrees to: (A) give CoBank not less than three (3) Business Days' prior notice in the event it desires to repay any loan balance bearing interest at a fixed rate prior to the last day of the fixed rate period; and (B) pay to CoBank a broken funding surcharge in the amount set forth below in the event the Company: (1) repays any fixed rate balance prior to the last day of its fixed rate period (whether such payment is made voluntarily, as a result of an acceleration, or otherwise); (2) converts any fixed rate balance to another fixed rate or to a variable rate prior to the last day of the fixed rate period applicable to such balance; or (3) fails to borrow any fixed rate balance on the date scheduled therefor. The surcharge shall be in an amount equal to the greater of (i) the sum of the present value of: (a) any funding losses imputed by CoBank to have been incurred as a result of such payment, conversion or failure; plus (b) a per annum yield of  $\frac{1}{2}$  of 1% of the amount repaid, converted or not borrowed for the period such amount was scheduled to have been outstanding at such fixed rate, or (ii) \$300.00. Such surcharge shall be determined and calculated in accordance with methodology established by CoBank, a copy of which will be made available upon request. Notwithstanding the foregoing, in the event of a conflict between the provisions of this subsection and of the broken funding charge section of a forward fix agreement between CoBank and the Company, the provisions of the forward fix agreement shall control.

**SECTION 10.02. Complete Agreement, Amendments, Etc.** The Loan Documents are intended by the parties to be a complete and final expression of their agreement. NO AMENDMENT, MODIFICATION, OR WAIVER OF ANY PROVISION OF THIS AGREEMENT OR THE OTHER LOAN DOCUMENTS, AND NO CONSENT TO ANY DEPARTURE BY THE COMPANY HEREFROM OR THEREFROM, SHALL BE EFFECTIVE UNLESS APPROVED BY COBANK AND CONTAINED IN A WRITING SIGNED BY OR ON BEHALF OF COBANK, AND THEN SUCH WAIVER OR CONSENT SHALL BE EFFECTIVE ONLY IN THE SPECIFIC INSTANCE AND FOR THE SPECIFIC PURPOSE FOR WHICH GIVEN. In the event this Agreement is amended or restated, each such amendment or restatement shall be applicable to all Promissory Notes and Supplements hereto. Each Promissory Note and Supplement shall be deemed to incorporate all of the terms and conditions of this Agreement as if fully set forth therein. Without limiting the foregoing, any capitalized term utilized in any Promissory Note and Supplement (or in any amendment to this Agreement or Promissory Note and Supplement) and not otherwise defined in the Promissory Note and Supplement (or amendment) shall have the meaning set forth herein.

**SECTION 10.03. Applicable Law, Jurisdiction.** Except to the extent governed by applicable federal Law, the Laws of the State of Colorado, without reference to choice of law doctrine, shall govern: (A) this Agreement and each Promissory Note and Supplement; (B) all disputes and matters between the parties to this Agreement; and (C) the rights obligations of the parties to this Agreement. The parties

agree to submit to the non-exclusive jurisdiction of any federal or state court sitting in Colorado for any action or proceeding arising out of or relating to this Agreement or any other Loan Document. The Company hereby waives any objection that it may have to any such action or proceeding on the basis of forum non-conveniens.

**SECTION 10.04. Notices.** All notices hereunder shall be in writing and shall be deemed to have been duly given upon delivery if personally delivered or sent by overnight mail or by facsimile or similar transmission, or three (3) days after mailing if sent by express, certified or registered mail, to the parties at the following addresses (or such other address as either party may specify by like notice):

If to CoBank, as follows:  
CoBank, ACB  
5500 South Quebec Street  
Greenwood Village, Colorado 80111  
Facsimile: (303) 740-4002  
Attention: Energy & Water Group

If to the Company, as follows:  
Pennichuck East Utility, Inc.  
25 Manchester Street  
Merrimack, New Hampshire 03054  
Facsimile: (603) 913-2305  
Attention: President

**SECTION 10.05. Costs, Expenses, and Taxes.** To the extent allowed by Law, the Company agrees to pay all reasonable out-of-pocket costs and expenses (including the fees and expenses of counsel retained by CoBank) incurred by CoBank in connection with the origination, administration, interpretation, collection, and enforcement of this Agreement and the other Loan Documents, including, without limitation, all costs and expenses incurred in perfecting, maintaining, determining the priority of, and releasing any security for the Company's obligations to CoBank, all title insurance premiums and other charges, and any stamp, intangible, transfer or like tax incurred in connection with this Agreement or any other Loan Document or the recording hereof or thereof.

**SECTION 10.06. Effectiveness and Severability.** This Agreement shall continue in effect until: (A) all indebtedness and obligations of the Company under this Agreement and the other Loan Documents shall have been paid or satisfied; (B) CoBank has no commitment to extend credit to or for the account of the Company under any Promissory Note and Supplement; (C) all Promissory Notes and Supplements shall have been terminated; and (D) either party sends written notice to the other party terminating this Agreement. Any provision of this Agreement or any other Loan Document which is prohibited or unenforceable shall be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof or thereof.

**SECTION 10.07. Other Types of Credit.** From time to time, CoBank may issue letters of credit or extend other types of credit to or for the account of the Company. In the event the parties desire to do so under the terms of this Agreement, then the agreement of the parties with respect thereto may be set forth in a Promissory Note and Supplement to this Agreement and this Agreement shall be applicable thereto as if such letters of credit or other types of credit were loans.

**SECTION 10.08. Indemnification.** The Company agrees to indemnify, defend and hold harmless CoBank, its participants, and its and their respective officers, directors, shareholders, employees, and agents (collectively, the "Indemnitees") from and against any and all claims, obligations, liabilities, losses, damages, injuries (to persons or property), penalties, actions, suits, judgments, costs and expenses (including reasonable attorney's fees) of whatever kind or nature, whether or not well founded, meritorious or unmeritorious, which are demanded, asserted or claimed against any such Indemnitee in any way relating to, or arising out of, or in connection with this Agreement or the other Loan Documents, including: (A) all claims arising in connection with the release, presence, removal, and

disposal of all Hazardous Materials located on any property of the Company; (B) any claims, suits, or liabilities against the Company; and (C) the failure to pay any taxes as and when due. The foregoing indemnities shall not apply with respect to an Indemnitee to the extent arising as a result of the gross negligence or willful misconduct of such Indemnitee. The indemnification provided for hereunder shall survive the termination of this Agreement.

**SECTION 10.09. [Intentionally Omitted]**

**SECTION 10.10. Patriot Act Notice.** CoBank hereby notifies the Company that pursuant to the requirements of the USA Patriot Act, Title III of Pub. L. 107-56 (signed into law October 26, 2001) (the "Patriot Act"), it and its affiliates are required to obtain, verify and record information that identifies the Company, which information includes the name, address, tax identification number and other information regarding the Company that will allow CoBank to identify the Company in accordance with the Patriot Act. This notice is given in accordance with the requirements of the Patriot Act and is effective for CoBank and its affiliates.

**SECTION 10.11. Counterparts; Electronic Delivery. Counterparts.** This Agreement may be executed in any number of counterparts and by different parties to this Agreement in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same Agreement. In addition, if agreeable to CoBank, signature pages may be delivered by facsimile.

**SECTION 10.12. Successors and Assigns.** This Agreement and the other Loan Documents shall be binding upon and inure to the benefit of the Company and CoBank and their respective successors and assigns, except that the Company may not assign or transfer its rights or obligations under this Agreement or the other Loan Documents without the prior written consent of CoBank. CoBank may sell or assign its rights and obligations hereunder and under the other Loan Documents or may sell participations in its rights and obligations hereunder and under the Loan Documents to any Person, and, in connection therewith, disclose financial and other information on the Company and its Affiliates. Patronage distributions in the event of a sale shall be governed by CoBank's bylaws and capital plan (as each may be amended from time to time). A sale of a participation interest may include certain voting rights of the participants regarding the loans hereunder (including without limitation the administration, servicing and enforcement thereof). CoBank agrees to give written notification to the Company of any sale hereunder.

**SECTION 10.13. Headings.** Captions and headings used in this Agreement are for reference and convenience of the parties only, and shall not constitute a part of this Agreement.

**IN WITNESS WHEREOF,** the parties have caused this Agreement to be executed by their duly authorized officers as of the date shown above.

**CoBANK, ACB**

By:

Title:



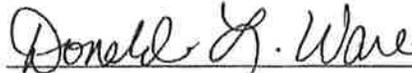
Assistant Corporate Secretary

**Irene Matlin**

**PENNICHUCK EAST UTILITY, INC.**

By:

Title:



President - Regulated Utilities

## EXHIBIT A

### DEFINITIONS AND RULES OF INTERPRETATION

**SECTION 1.01 Definitions.** As used in the Agreement, any amendment thereto, or in any Promissory Note and Supplement, the following terms shall have the following meanings:

**Affiliate** shall mean any Person: (1) which directly or indirectly controls, or is controlled by, or is under common control with, the Company; (2) which directly or indirectly beneficially owns or holds five percent (5%) or more of any class of voting stock of, or other interests in, the Company; or (3) five percent (5%) or more of the voting stock of, or other interest in, which is directly or indirectly beneficially owned or held by the Company. The term "control" means the possession, directly or indirectly, of the power to direct or cause the direction of the management and policies of a Person, whether through the ownership of voting securities, by contract or otherwise.

**Agreement** shall mean this Master Loan Agreement.

**Business Day** means any day other than a Saturday, Sunday, or other day on which CoBank or any of the Federal Reserve Banks are closed for business.

**Capital Lease** shall mean a lease which should be capitalized on the books of the lessee in accordance with GAAP.

**CoBank** shall mean CoBank, ACB and its successors and assigns.

**CoBank Base Rate** shall mean the rate of interest established by CoBank from time to time as its CoBank Base Rate, which rate is intended to be a reference rate and not its lowest rate. The CoBank Base Rate shall change on the date established by CoBank as the effective date of each such change.

**Company** shall have the meaning set forth in the introductory paragraph of the Agreement.

**Consent and Agreement** shall have the meaning set forth in Section 3.01(C) hereof.

**Debt Service Coverage Ratio** shall mean the ratio of: (1) net income (after taxes and after eliminating any gain or loss on sale of assets or other extraordinary gain or loss) plus depreciation expense, amortization expense, and interest expense, minus non-cash patronage, and non-cash income from subsidiaries and/or joint ventures; to (2) all principal payments due within the period on all Long-Term Debt plus interest expense (all as calculated on a consolidated basis for the applicable fiscal year in accordance with GAAP consistently applied or the appropriate standards of the regulatory agency having jurisdiction over the Company).

**Default** shall mean the occurrence of any event which with the giving of notice or the passage of time or the occurrence of any other condition would become an Event of Default under the Agreement, including the occurrence of an event giving rise to the right to accelerate any indebtedness referred to in Section 8.06 of the Agreement (whether or not such right is conditioned upon the giving of notice and/or the passage of time and/or the occurrence of any other condition).

**Default Rate** shall mean: (1) in the case of principal, 4% per annum in excess of the rate(s) that would otherwise be in effect on the loans under the Promissory Notes and Supplements; and (2) in the case of overdue interest, fees and other charges, 4% per annum in excess of the CoBank Base Rate, as in effect from time to time.

**Distribution** shall mean the payment of any dividend or distribution of any kind to its shareholders or other owners, whether in cash, assets, obligations or otherwise, and whether paid directly or indirectly, such as by a reduction in or a rebate of rates or the purchase or redemption of any equity or other securities or interests in the Company, or the purchase of any assets or services for a price that exceeds the fair market value thereof.

**Dollars** and the sign “\$” shall mean lawful money of the United States of America.

**Enforcement Action** shall mean a formal judicial or administrative proceeding filed by any governmental authority to enforce any Law.

**ERISA** shall mean the Employee Retirement Income Security Act of 1974, as amended from time to time, and the regulations and published interpretations thereof.

**ERISA Plans** shall have the meaning set forth in Section 4.10 of the Agreement.

**Event of Default** shall mean any of the events specified in Article 8 of the Agreement and any event specified in any Promissory Note and Supplement or other Loan Document as an Event of Default.

**Financial Statements** shall mean: (1) in the case of the initial Promissory Note(s) and Supplement(s) to the Agreement, the financial statements furnished to CoBank in connection with the initial Promissory Note(s) and Supplement(s); and (2) in the case of each other Promissory Note and Supplement to the Agreement, the most recent annual financial statements furnished to CoBank pursuant to Sections 5.06(A) of the Agreement.

**GAAP** shall mean generally accepted accounting principles in the United States.

**Guarantor** shall have the meaning set forth in Section 2.04(B) hereof.

**Guaranty** shall have the meaning set forth in Section 2.04(B) hereof.

**Indemnitees** shall have the meaning set forth in Section 10.08 hereof.

**Investments** shall have the meaning set forth in Section 6.09 of the Agreement.

**Laws** shall mean all laws, rules, regulations, codes, orders and the like.

**Lien** shall mean any mortgage, deed of trust, pledge, security interest, hypothecation, assignment, deposit arrangement, encumbrance, lien (statutory or other), or preference, priority or other security agreement or preferential arrangement, charge or encumbrance of any kind or nature whatsoever (including, without limitation, any conditional sale or other title retention agreement).

**Loan Documents** shall mean this Agreement, all Promissory Notes and Supplements, and all instruments or documents relating to this Agreement or the Promissory Notes and Supplements, including, without limitation, all applications, certificates, opinions of counsel, mortgages, deeds of trust, security agreements, guaranties, interest rate risk management agreements (including the ISDA 2002 Master Agreement and all schedules thereto), and pledge agreements.

**Long-Term Debt** shall mean for the Company on a consolidated basis the sum of (a) all indebtedness for borrowed money, (b) obligations which are evidenced by notes, bonds, debentures or similar instruments, (c) that portion of obligations with respect to capital leases or other capitalized agreements that are properly classified as a liability on the balance sheet in conformity with GAAP or which are treated as operating leases under regulations applicable to them but which otherwise would be required to be capitalized under GAAP, and (d) indebtedness or obligations guaranteed by the Company or secured by any Lien on any property of the Company, in each case having a maturity of more than one year from the date of its creation or having a maturity within one year from such date but that is renewable or extendible, at the Company's option, to a date more than one year from such date or that arises under a revolving credit or similar agreement that obligates the lender(s) to extend credit during a period of more than one year from such date, including all current maturities in respect of such indebtedness whether or not required to be paid within one year from the date of its creation.

**Material Adverse Effect** shall mean a material adverse effect on the condition, financial or otherwise, operations, properties, margins or business of the Company or any Subsidiary or on the ability of the Company or any Subsidiary to perform its obligations under the Loan Documents.

**Money Pool Agreement** shall mean that certain Money Pool Agreement dated as of January 1, 2006, among the Guarantor, the Company, PWW, and other affiliates of the Guarantor.

**Net Worth** shall mean the difference between total assets less total liabilities (both as determined on a consolidated basis in accordance with GAAP consistently applied or the appropriate standards of the regulatory agency having jurisdiction over the Company).

**Person** shall mean an individual, partnership, limited liability company, corporation, business trust, joint stock company, trust, unincorporated association, joint venture, governmental authority, or other entity of whatever nature.

**Promissory Note and Supplement** shall have the meaning set forth in Section 2.01 of the Agreement.

**PWW** shall have the meaning set forth in Section 3.01(C) hereof.

**Subsidiary** shall mean, as to the Company, a corporation, partnership, limited liability company, joint venture, or other Person of which shares of stock or other equity interests having ordinary voting power to elect a majority of the board of directors or other managers of such corporation, partnership, limited liability company, joint venture, or other Person are at the time owned, or the management of which is otherwise controlled, directly or indirectly, through one or more intermediaries, or both, by the Company.

**Total Capitalization** shall mean Total Debt plus Net Worth; except that in determining Total Capitalization, contributions in aid of construction, advances for construction, customer deposits, or similar items reducing rate base calculations shall be excluded.

**Total Debt** shall mean for the Company on a consolidated basis the sum of the following as of the end of the fiscal year: (a) all indebtedness for borrowed money or for the deferred purchase price of property or services (other than accounts payable to trade creditors incurred in the ordinary course of business), (b) obligations which are evidenced by notes, bonds, debentures or similar instruments, (c) that portion of obligations with respect to Capital Leases or other capitalized agreements that are properly classified as a liability on the balance sheet in conformity with GAAP or which are treated as operating leases under regulations applicable to them but which otherwise would be required to be capitalized under GAAP; (d) debt secured by a Lien on any assets of the Company or its Subsidiaries (whether or not the debt has been assumed); and (e) all obligations guaranteed by the Company or any Subsidiary.

**Total Debt to Capitalization Ratio** shall mean a ratio of Total Debt at the end of the fiscal year to Total Capitalization at the end of the fiscal year.

**SECTION 1.02 Rules of Interpretation.** The following rules of interpretation shall apply to the Agreement, all Promissory Notes and Supplements, and all amendments to either of the foregoing:

**Accounting Terms.** All accounting terms not specifically defined herein shall be construed in accordance with GAAP, and all financial data submitted pursuant to this Agreement shall be prepared in accordance with such principles.

**Number.** All terms stated in the singular shall include the plural, and all terms stated in the plural shall include the singular.

**Including.** The term "including" shall mean including, but not limited to.

**Default.** The expression "while any Default or Event of Default shall have occurred and be continuing" (or like expression) shall be deemed to include the period following any acceleration of the obligations (unless such acceleration is rescinded).

**Permitted Encumbrances.** CoBank's consent to the Company having one or more Liens on all or any portion of its assets, shall not be construed to be an agreement to subordinate its Lien on those assets to the extent that such Lien is not otherwise entitled to priority under Law.



January 15, 2016

Mr. Larry Goodhue, President  
Pennichuck Corporation  
25 Manchester St.  
Nashua, NH 03054

Dear Mr. Goodhue:

This Non-Binding Summary of Terms and Conditions (this "Summary") is being presented for information and discussion purposes only. This Summary is neither a commitment nor an offer to extend credit and does not create any obligation on the part of CoBank. CoBank's decision to extend credit to the Company is contingent upon completion to CoBank's satisfaction of all necessary due diligence, receipt of internal credit approvals, and the preparation of final documentation in form and substance satisfactory to CoBank. All figures, terms, and conditions are subject to change at any time. A commitment by CoBank will exist only if a formal, written commitment letter or definitive loan documents are prepared and executed by CoBank and the Company, and not otherwise. This Summary is strictly confidential and may not be released to or discussed with any third party without the prior written consent of CoBank.

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<b>Borrower:</b>	Pennichuck East Utility, Inc. (the "Borrower")
<b>Type of Credit Facility:</b>	An up to 25 year multiple advance term loan in an amount up to \$2,200,000 ("Term Loan")
<b>Purpose:</b>	To finance capital expenditures
<b>Availability:</b>	Beginning on a date to be agreed upon by the parties and ending 180 days from the beginning of availability. The Term Loan will be advanced pursuant to closing procedures to be agreed upon by the parties.
<b>Interest:</b>	In accordance with one or more of the following interest rate options, as selected by the Borrower:  <b><u>Weekly Quoted Variable Rate Option:</u></b> Under this option, balances may be fixed at a rate established by CoBank on the first "Business Day" (to be defined) of each week. The rate established shall be effective until the first Business Day of the next week. WQVR for the week of January 11, 2016 is 2.18%.  <b><u>Quoted Fixed Rate Option.</u></b> At one or more rates to be quoted by CoBank. Under this option, rates can be fixed: (1) on balances or multiples of \$100,000; (2) for periods of 6 months to the final maturity

date of the Term Loan; and (3) on no more than 5 separate balances at any one time.

Interest will be calculated on the actual number of days elapsed on the basis of a year consisting of 360 days and shall be payable monthly in arrears by the 20<sup>th</sup> day of the following month.

**Origination Fees:**

None.

**Principal Repayment:**

In up to 300 consecutive monthly installments, each due on the 20<sup>th</sup> of the month, with the first installment due on first month monthfollowing the end of availability. The amount of each installment shall be the same principal amount that would be due and payable if the loan was payable in level installments of principal and interest and such schedule was calculated using the "CoBank Base Rate" (to be defined) on the date of the loan agreement; provided, however, that if on the date the loan is made, the Borrower fixes the rate of interest on the entire principal amount of the loan to the final maturity date thereof, then the rate utilized in calculating the amortization schedule shall be the rate of interest accruing on the loan.

**Prepayment:**

Balances bearing interest at the Weekly Quoted Variable Rate Option may be prepaid without premium. Balances with a fixed interest rate may be prepaid in whole or part, subject to a prepayment surcharge. The surcharge shall be in an amount equal to the greater of: (1) the sum of the present value of CoBank's funding losses plus a yield of ½ of 1% on a per annum basis or (2) \$300.

**Capitalization:**

The Loan will be capitalized in accordance with CoBank's bylaws and will be eligible for patronage.

**Collateral:**

The Loan will be unsecured: (1) except for CoBank's statutory first lien on all equity in CoBank; and (2) unless the Borrower desires to grants liens to secure other debt, in which case the Borrower may grant liens to CoBank and the holders of its other debt as long as CoBank and such other holders share such liens pro rata and all collateral and documentation evidencing same is approved by CoBank.

**Gaurantee:**

The term loan will be guaranteed by Pennichuck Corporation under the existing guaranty agreement dated February 9, 2010 between CoBank and Pennichuck Corporation to be amended as needed for this Loan.

**Documentation:**

CoBank's commitment is subject to the negotiation, execution, and delivery of documentation satisfactory to CoBank and its counsel in all material respects. Such documentation will contain conditions precedent, representations and warranties, covenants, events of default, remedies and miscellaneous other provisions. Without limiting the foregoing, the

documents will contain the following conditions precedent, representations and warranties, covenants and events of default:

- **Conditions Precedent.** Satisfactory review and approval of all documents related to the acquisition of the assets and the formation of the Borrower; execution and delivery of all related documents; receipt of such board resolutions, incumbency certificates and other evidence as CoBank shall require that all documents have been duly authorized, executed and delivered; evidence of perfection and priority of lien; and opinions of counsel.
- **Representations and Warranties:** Due organization, good standing and qualification; authorization to borrow; compliance with law; financial condition; title to properties; liens; no material adverse change; litigation; payment of taxes; governmental regulations; disclosure; licenses; trademarks; and patents.

**Terms and Conditions:**

While the Loan is outstanding, the Borrower will be required to meet financial and negative covenants as detailed in Section 7 and Section 6, respectively, of the Borrower's existing Master Loan Agreement, dated February 9<sup>th</sup>, 2010. Reporting requirements will remain as detailed in Section 4 and Events of Default will remain as detailed in Section 8, both also located in the Borrower's Master Loan Agreement.

**Expenses:**

All reasonable costs and expenses incurred by CoBank in connection with this transaction (including, without limitation, all reasonable fees and expenses of counsel to CoBank) to be paid by the Borrower.

**GUARANTEE OF PAYMENT  
(CONTINUING)**

**THIS GUARANTEE OF PAYMENT** (this "Guaranty") is executed as of February 9, 2010, by **PENNICHUCK CORPORATION**, a New Hampshire corporation (hereinafter referred to as the "Guarantor"), in favor **CoBANK, ACB** (hereinafter referred to as "CoBank").

**BACKGROUND**

Pennichuck East Utility, Inc. (the "Company") has obtained or may desire at some point in time and/or from time to time to obtain loans, advances and other financial accommodations from CoBank. Owing to Company's financial condition and/or other factors, CoBank is not willing to extend or continue to extend credit to the Company without the guaranty of the Guarantor. Having a financial interest in the Company and expecting to benefit from such credit, the Guarantor is willing to furnish that guaranty.

**NOW, THEREFORE**, in order to induce CoBank to extend credit to the Company and for good and valuable other consideration, the receipt and sufficiency of which are hereby acknowledged, the Guarantor agrees as follows:

**SECTION 1. Guaranty.** The Guarantor hereby unconditionally and irrevocably guarantees to CoBank the punctual payment when due, whether at stated maturity, by acceleration or otherwise, of all indebtedness, obligations and liabilities of the Company to CoBank, whether now existing or hereafter incurred, including, but not limited to, those under or arising out of or in connection with any loans, advances, acceptances, letters of credit, indemnities, foreign exchange contracts or any other kind of contract or agreement under which the Company may be indebted to CoBank in any manner, whether for principal, interest, fees, surcharges, expenses or otherwise. For ease of reference: (i) all such indebtedness, obligations and liabilities shall hereinafter be collectively referred to as the "Guaranteed Obligations"; and (ii) all instruments, documents and agreements evidencing or relating to the Guaranteed Obligations (including all loan agreements, promissory notes, reimbursement agreements, security agreements, mortgages and deeds of trust) shall hereinafter collectively be referred to as the "Loan Documents." Without limiting the foregoing, the Loan Documents shall include (but shall not be limited to) the: (1) Master Loan Agreement dated as of February 9, 2010, between the Company and CoBank (as amended or restated from time to time, the "MLA"); (2) Promissory Note and Supplement dated as of February 9, 2010, between the Company and CoBank and numbered RX0848T1; (3) Promissory Note and Supplement dated as of February 9, 2010, between the Company and CoBank and numbered RX0848T2; (4) all future Promissory Notes and Supplements issued under the Master Loan Agreement; (5) the ISDA 2002 Master Agreement dated as of February 9, 2010, between the Company and CoBank, and all schedules executed at any time in connection therewith; and (6) all amendments to and restatements of each of the foregoing.

**SECTION 2. Guaranty of Payment; Waiver of Defenses, Etc.** This Guaranty is a guarantee of payment and not of collection. The Guarantor acknowledges and agrees that this Guaranty is an absolute and independent obligation of the Guarantor, and therefore waives any right to require that any action be brought against the Company, another guarantor or any other person or entity which is liable for all or any part of the Guaranteed Obligations, or to require that resort be had at any time to any security for the Guaranteed Obligations or to any right of setoff or similar right. The Guarantor's obligations hereunder shall be payable on demand and shall be absolute and unconditional irrespective of (and the Guarantor hereby expressly waives any defense or claim of discharge based on): (i) the alteration or modification from time to time (whether material or otherwise) of the Guaranteed Obligations, including the date, time, and place of payment, an increase or decrease in the rate or rates of interest accruing on the Guaranteed Obligations, the period during which the Guaranteed Obligations may be made, the amount of the Guaranteed Obligations or otherwise; (ii) the waiver by CoBank of the Company's compliance with any of

the terms and conditions of the Loan Documents; (iii) the forbearance by CoBank from exercising any right or remedy it may have under the Loan Documents or under law; (iv) any inability, failure, neglect or omission to obtain, perfect, maintain, enforce, or realize upon any collateral for the Guaranteed Obligations, or to pursue or obtain any deficiency judgment against the Company following any foreclosure of any security interest, mortgage or deed of trust; (v) the loss or impairment of any collateral, the subordination or release of CoBank's lien thereon, or the sale, pledge, surrender, exchange or substitution of any collateral; (vi) CoBank releasing, waiving, discharging, or modifying the obligations of one or more other guarantors (whether a party hereto or to a separate agreement with CoBank); (vii) the acceptance by CoBank of any partial payment on the Guaranteed Obligations or any collateral therefor, or CoBank settling, subordinating, compromising, discharging, or releasing the Guaranteed Obligations or any collateral therefor; (viii) the enforceability of the Loan Documents; (ix) any defenses or counterclaims assertable by the Company, including any defense or counterclaim based on failure of consideration, fraud, statute of frauds, bankruptcy, statute of limitations, lender liability, and accord and satisfaction; (x) any setoff, counterclaim, recoupment or similar right assertable by the Company, the Guarantor, or other guarantor (whether a party hereto or to a separate guarantee); or (xi) any other circumstance which constitutes a legal or equitable discharge of a guarantor or surety. This Guaranty shall continue in full force and effect until five business days after written notice of termination shall have been received by CoBank. Notwithstanding the foregoing, such notice of termination shall not be effective as to any Guaranteed Obligations: (1) existing prior to the effective date of termination; (2) arising thereafter pursuant to any commitment to extend credit entered into prior to the effective date of such notice (regardless of whether CoBank has or from time to time acquires a right to suspend or terminate such commitment owing to the occurrence of a default or otherwise); (3) any extensions, renewals, or refinancings of any Guaranteed Obligations referred to in (1) or (2) above made before or after the effective date of termination; and (4) interest, fees, expenses, and other Guaranteed Obligations relating to any of the foregoing. In addition, no such notice of termination shall in any manner impair or alter CoBank's rights or obligations hereunder with respect to such Guaranteed Obligations (including under Sections 2 and 5 hereof) or affect or impair the obligations of any other guarantor (whether a party hereto or to a separate guarantee).

**SECTION 3. Subordination and Subrogation.** The Guarantor hereby agrees that all indebtedness and other obligations of the Company (now existing or hereafter incurred) to the Guarantor are and shall be subordinated in right of payment to the prior payment in full by the Company of its obligations to CoBank under the Loan Documents. During the existence of a "Default" or an "Event of Default under the Loan Documents, no payments by the Company shall be accepted by the Guarantor with respect to such subordinated obligations and, if any such payments are inadvertently received, the same shall be held in trust and promptly turned over to CoBank. The Guarantor hereby waives all claims, rights or remedies that it may have at law or in equity (including, without limitation, any law subrogating the Guarantor to the rights of CoBank) to seek contribution, indemnification, or any other form of reimbursement from the Company, any other guarantor, or any other person or entity now or hereafter primarily or secondarily liable for any obligations of the Guarantor to CoBank, for any disbursement made by the Guarantor under or in connection with this Guaranty or otherwise. The Guarantor hereby stipulates and agrees that any such disbursement made by the Guarantor shall be a contribution to the equity capital of the Company.

**SECTION 4. Recovery of Payment.** If any payment received by CoBank and applied to the Guaranteed Obligations is subsequently set aside, recovered, rescinded, or required to be returned for any reason (including, without limitation, the bankruptcy, insolvency or reorganization of the Guarantor), the Guaranteed Obligations to which such payment was applied shall for the purposes of this Guaranty and all instruments or documents executed in connection herewith or securing the Guarantor's obligations hereunder, be deemed to have continued in existence, and this Guaranty shall be enforceable as to such Guaranteed Obligations as fully as if such applications had never been made.

**SECTION 5. Information Regarding Company; Waiver of Notices, Etc.** The Guarantor assumes responsibility for keeping fully informed of the financial condition of the Company, its liability hereunder and all other circumstances affecting the Company's ability to pay and perform the Guaranteed Obligations. The Guarantor agrees that CoBank shall have no duty to report to or notify the Guarantor of: (i) any information which CoBank shall receive about the financial condition of the Company (including adverse matters); (ii) the Company's performance under the Loan Documents (including nonpayment or the occurrence of any other default); (iii) any circumstances bearing on the Company's ability to perform the Guaranteed Obligations; (iv) any increases in the amount of the Guaranteed Obligations or any renewals, extensions or refinancing(s) of any Guaranteed Obligation; (v) any actions taken by CoBank or the Company under any Loan Document; (vi) any matters relating to another guarantor; (vii) any matter set forth in Section 2 hereof; or (viii) any other matter relating to the Guaranteed Obligations; and the Guarantor hereby expressly and unconditionally waives any defense or claim of discharge based on the failure of CoBank to report to or notify the Guarantor of any such information. In addition, the Guarantor hereby acknowledges that it has entered into this Guaranty based upon its own independent knowledge of or investigation into the affairs of the Company and any other guarantor (whether a party hereto or to a separate guarantee) and has not relied in any respect on CoBank or any officers, employees, or agents thereof.

**SECTION 6. Representations and Warranties.** The Guarantor hereby represents and warrants as follows:

**(A) Organization; Power; Etc.** The Guarantor: (i) is duly organized, validly existing, and in good standing under the laws of its state of incorporation or formation; (ii) is duly qualified to do business and is in good standing in each jurisdiction in which the transaction of its business makes such qualification necessary; (iii) has all requisite corporate and legal power to own and operate its assets and to carry on its business and to enter into and perform this Guaranty; and (iv) has duly and lawfully obtained and maintained all licenses, certificates, permits, authorizations, approvals, and the like which are material to the conduct of its business or which may be otherwise required by law, rule, regulation, ordinance, code, order or the like (collectively, "Laws").

**(B) Due Authorization; No Violation; Etc.** The execution and delivery by the Guarantor of, and the performance by the Guarantor of its obligations under, this Guaranty and all instruments and documents executed in connection herewith have been duly authorized by all requisite corporate or other action on the part of the Guarantor and do not and will not: (i) conflict with, or constitute (with or without the giving of notice and/or the passage of time and/or the occurrence of any other condition) a default under, any other agreement to which the Guarantor is a party or by which it or any of its property may be bound or affected, or with any provision of its articles of incorporation, bylaws or other organizational documents; (ii) require the consent, permission, authorization, order or license of any governmental authority or of any party to any agreement to which the Guarantor is a party or by which it or any of its property may be bound or affected, except as has been obtained and are in full force and effect; (iii) violate any provision of any law, rule, regulation, order, writ, judgment, injunction, decree, determination or award presently in effect applicable to it; or (iv) result in, or require, the creation or imposition of any lien, security interest or other charge or encumbrance upon or with respect to any of its properties now owned or hereafter acquired.

**(C) Binding Agreement.** This Guaranty and each instrument and document executed in connection herewith is, or when executed and delivered will be, the legal, valid, and binding obligation of the Guarantor, enforceable in accordance with its terms, subject only to limitations on enforceability imposed by applicable bankruptcy, insolvency, reorganization, moratorium, or similar Laws affecting creditors' rights generally.

**(D) Litigation.** Except as disclosed in the Company's Application for Credit dated as of February 9, 2010 (the "Application"), there are no pending legal, arbitration, or governmental actions or proceedings to which the Guarantor is a party or to which any of its property is subject which, if adversely determined, could have a material adverse effect on the condition, financial or otherwise, operations, properties, or business of the Guarantor, or on the ability of the Guarantor to perform its obligations hereunder or under any instrument or document executed in connection herewith, and to the best of the Guarantor's knowledge, no such actions or proceedings are threatened or contemplated.

**(E) Financial Statements; No Material Adverse Change; Etc.** The annual audited consolidating and consolidated financial statements of the Guarantor and its consolidated subsidiaries, if any, for the fiscal year ended in 2008 and the interim consolidated financial statements of the Guarantor and its consolidated subsidiaries, if any, for the period ending on June 30, 2009, copies of which (together with all notes and schedules relating thereto) have been submitted to CoBank, are complete and correct and fairly present the financial condition of the Guarantor and the results of the Guarantor's operations for the periods covered thereby, and are prepared in accordance with generally accepted accounting principles ("GAAP") consistently applied. Since the date of the interim statements, there has been no material adverse change in the condition, financial or otherwise, business, or operations of the Guarantor. There are no liabilities of the Guarantor, fixed or contingent, which are material but which are not reflected in the financial statements or the notes thereto.

**(F) Title to Property.** The Guarantor has title to, or valid leasehold interests in, all of its property, real and personal, including the properties reflected in the financial statements referred to above (other than any property disposed of in the ordinary course of business).

**(G) Compliance with Laws, Environmental Matters, Etc.** All of the properties of the Guarantor and all of its operations are in compliance in all material respects with all applicable Laws including, without limitation, all Laws relating to the environment. No property owned or leased by the Guarantor is being used or, to its knowledge, has been used for the disposal, treatment, storage, processing or handling of hazardous waste or materials (as defined under any environmental Law) and no investigation, claim, litigation, proceeding, order, judgment, decree, settlement, Lien or the like with respect to any environmental matter is proposed, threatened, anticipated or in existence with respect to its properties or operations. In addition, no environmental contamination or condition currently exists on any property of the Guarantor or, to its knowledge, any adjoining property, which could delay the sale or other disposition of, or could have (or already has had) an adverse effect on the value of, its property.

**(H) Compliance With Guaranty.** As of the date hereof, the Guarantor is operating its business in compliance with all of the covenants set forth in this Guaranty.

**SECTION 7. Affirmative Covenants.** Unless otherwise agreed to in writing by CoBank, while this Guaranty is in effect, whether or not any Guaranteed Obligations are outstanding hereunder, the Guarantor agrees to, and agrees to cause each of its subsidiaries to:

**(A) Corporate Existence, Licenses. Etc.** Preserve and keep in full force and effect its existence and good standing in the jurisdiction of its incorporation or formation, qualify and remain qualified to transact business in all jurisdictions where such qualification is required, and obtain and maintain all licenses, certificates, permits, authorizations, approvals, and the like which are material to the conduct of its business or required by Law.

**(B) Compliance with Laws.** Comply in all material respects with all applicable Laws, including, without limitation, all Laws relating to environmental protection. In addition, the

Guarantor agrees to cause all persons occupying or present on any of its properties to comply in all material respects with all Laws relating to such properties.

(C) **Insurance.** Maintain insurance with insurance companies or associations acceptable to CoBank in such amounts and covering such risks as are usually carried by companies engaged in the same or similar business and similarly situated.

(D) **Property Maintenance.** Maintain all of its property that is necessary to or useful in the proper conduct of its business in good working condition, ordinary wear and tear excepted.

(E) **Books and Records.** Keep adequate records and books of account in which complete entries will be made in accordance with GAAP consistently applied.

(F) **Inspection.** Permit CoBank or its agents, upon reasonable notice and during normal business hours or at such other times as the parties may agree, to examine its properties, books, and records, and to discuss its affairs, finances, and accounts, with its respective officers, directors, employees, and independent certified public accountants.

(G) **Reports and Notices.** Furnish to CoBank:

(1) **Annual Financial Statements.** As soon as available, but in no event more than 120 days after the end of each fiscal year of the Guarantor occurring during the term hereof, a copy of:

(a) a consolidated balance sheet of the Company and its Subsidiaries as at the end of such year, and

(b) consolidated statements of income, changes in shareholders' equity, and cash flows of the Guarantor and its Subsidiaries, for such year,

setting forth, in each case, in comparative form, the figures for the previous fiscal year, all in reasonable detail, prepared in accordance with GAAP, and accompanied by an unqualified opinion thereon of independent certified public accountants of recognized national standing, which opinion shall state that such financial statements present fairly, in all material respects, the financial position of the companies being reported upon and their results of operations and cash flows and have been prepared in conformity with GAAP, and that the examination of such accountants in connection with such financial statements has been made in accordance with generally accepted auditing standards, and that such audit provides a reasonable basis for such opinion in the circumstances; *provided* that the delivery within the time period specified above of the Company's Annual Report on Form 10-K for such fiscal year (together with the Company's annual report to shareholders, if any, prepared pursuant to Rule 14a-3 under the Exchange Act) prepared in accordance with the requirements therefor and filed with the Securities and Exchange Commission, together with the accountant's certificate described above, shall be deemed to satisfy the requirements of this Subsection;

(2) **Quarterly Statements.** As soon as available, but in no event more than 60 days after the end of each fiscal quarter of the Guarantor (other than the last quarterly fiscal period of each such fiscal year), a copy of the Company's Quarterly Report on Form 10-Q prepared in compliance with the requirements therefor and filed with the Securities and Exchange Commission;

(3) **Notice of Default.** Promptly after becoming aware thereof, notice of the breach of any covenant contained in this Guaranty or any instrument or document executed in connection herewith.

(4) **Notice of Non-Environmental Litigation.** Promptly after the commencement thereof, notice of the commencement of all actions, suits, or proceedings before any court, arbitrator, or governmental department, commission, board, bureau, agency, or instrumentality affecting the Guarantor which, if determined adversely to the Guarantor, could have a material adverse effect on the financial condition, properties, profits, or operations of the Guarantor.

(5) **Notice of Environmental Litigation, Etc.** Promptly after receipt thereof, notice of the receipt of all pleadings, orders, complaints, indictments, or any other communication alleging a condition that may require the Guarantor to undertake or to contribute to a cleanup or other response under environmental Laws, or which seek penalties, damages, injunctive relief, or criminal sanctions related to alleged violations of such Laws, or which claim personal injury or property damage to any person as a result of environmental factors or conditions.

(6) **Other Information.** Such other information regarding the condition or operations, financial or otherwise, of the Guarantor as CoBank may from time to time reasonably request, including but not limited to copies of all pleadings, notices, and communications referred to in Subsections 7(G)(iv) and (v) above.

(H) **Condemnation.** (1) Notify CoBank promptly after the litigation (or any portion thereof) referenced in the Application has been resolved or settled (including, without limitation, by entering into any agreement to sell assets or stock in lieu thereof); and (2) until CoBank notifies the Guarantor that it does not consider the outcome (or any portion of the outcome) thereof to give rise to an Event of Default under Section 8.13 of the MLA, it will retain from the proceeds thereof an amount in cash sufficient to pay all Guaranteed Obligations in full, plus, in the event any unused commitments are available to the Company, the amount thereof.

**SECTION 8. Negative Covenants.** Unless otherwise agreed to in writing by CoBank, while this Guaranty is in effect, whether or not any Guaranteed Obligations are outstanding, the Guarantor will not and will not permit its subsidiaries to:

(A) **Mergers, Acquisitions, Etc.** Merge or consolidate with any other entity or permit any subsidiary to merge or consolidate with any other entity, unless the Guarantor or such subsidiary is the surviving entity, or acquire all or a material part of the assets of any person or entity, or form or create any new subsidiary or affiliate, or commence operations under any other name, organization, or entity, including any joint venture.

(B) **Transfer of Assets.** Sell, transfer, lease, or otherwise dispose of any of its assets, except in the ordinary course of business.

(C) **Change in Business.** Engage in any business activities or operations substantially different from or unrelated to the Guarantor's present business activities or operations.

**SECTION 9. Expenses.** In the event CoBank employs counsel to protect or enforce its rights hereunder against the Guarantor, all reasonable attorneys' fees arising from such services and all expenses, costs, and charges in any way or respect arising in connection therewith or relating thereto shall be paid by such Guarantor.

**SECTION 10. Notices.** All notices provided for herein shall be in writing (including facsimile) and shall be mailed or delivered to the following addresses or facsimile numbers or to such other address or facsimile number as either party may specify by notice to the other:

If to CoBank, as follows:  
CoBank, ACB  
5500 South Quebec Street  
Greenwood Village, Colorado 80111  
Facsimile: (303) 740-4002  
Attention: Energy & Water Group

If to the Guarantor, as follows:  
Pennichuck Corporation  
25 Manchester Street  
Merrimack, New Hampshire 03054  
Facsimile: (603) 913-2305  
Attention: President

**SECTION 11. Amendments, Etc.** THIS WRITING IS INTENDED BY THE PARTIES AS A FINAL EXPRESSION OF THEIR AGREEMENT AND IS ALSO INTENDED AS A COMPLETE AND EXCLUSIVE STATEMENT OF THE TERMS OF THAT AGREEMENT. NO AMENDMENT OR WAIVER OF ANY PROVISION OF THIS GUARANTY NOR CONSENT TO ANY DEPARTURE BY THE GUARANTOR HEREFROM SHALL BE EFFECTIVE UNLESS THE SAME SHALL BE IN WRITING AND SIGNED BY COBANK, AND THEN SUCH WAIVER OR CONSENT SHALL BE EFFECTIVE ONLY IN THE SPECIFIC INSTANCE AND FOR THE SPECIFIC PURPOSE FOR WHICH GIVEN.

**SECTION 12. No Waiver; Remedies.** No failure on the part of CoBank to exercise, and no delay in exercising, any right hereunder shall operate as waiver thereof; nor shall any single or partial exercise of any right hereunder preclude any other or further exercise thereof or the exercise of any other right.

**SECTION 13. Applicable Law, Jurisdiction.** Except to the extent governed by applicable federal law, the laws of the State of Colorado, without reference to choice of law doctrine, shall govern this Guaranty, all disputes and matters between the parties to this Guaranty, and the rights obligations of the parties to this Guaranty. The parties agree to submit to the non-exclusive jurisdiction of any federal or state court sitting in Colorado for any action or proceeding arising out of or relating to this Guaranty. The Company hereby waives any objection that it may have to any such action or proceeding on the basis of forum non-conveniens.

**SECTION 14. Patriot Act Notice.** CoBank hereby notifies the Guarantor that pursuant to the requirements of the USA Patriot Act, Title III of Pub. L. 107-56 (signed into law October 26, 2001) (the "Patriot Act"), it and its affiliates are required to obtain, verify and record information that identifies the Guarantor, which information includes the name, address, tax identification number and other information regarding the Guarantor that will allow CoBank to identify the Guarantor in accordance with the Patriot Act. This notice is given in accordance with the requirements of the Patriot Act and is effective for CoBank and its affiliates.

**SECTION 15. Successors and Assigns.** This Guaranty shall be binding upon and inure to the benefit of the Guarantor and CoBank and their respective successors and assigns, except that the Company may not assign or transfer its rights or obligations under this Guaranty without the prior written consent of CoBank. CoBank may sell or assign its rights and obligations hereunder and under the other Loan Documents or may sell participations in its rights and obligations hereunder

**SECTION 16. Notice of Acceptance.** The Guarantor hereby waives notice of acceptance hereof.

IN WITNESS WHEREOF, the Guarantor has caused this Guaranty to be executed as of the date shown above by its duly authorized officers.

~~PENNICHUCK CORPORATION~~

By:



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Title:

CFO

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**DW 16-234**  
**Pennichuck East Utility, Inc.**  
**Petition for Approval of SRF and CoBank Financings**  
**Response to Staff Data Requests Set 1**

Date Request Received: 03/02/16

Date of Response: 03/18/16

Request No. Staff 1-5

Witness: Larry Goodhue

**REQUEST: Re: Direct Prefiled Testimony of John J. Boisvert, Page 6, Lines 9-11:** Please provide the computation used to arrive at the per customer investment quoted: "...approximate investment in Locke Lake of about \$474 per Locke Lake customer when averaged over four years..."

**RESPONSE:**

The table below presents the calculation. The value of \$474 should be changed to \$476 to more accurately reflect the result. Three years' worth of expenditures outside of Locke Lake were compared to four years in Locke Lake. In the analysis below, \$2,900,000 was invested for PEU customers outside Locke Lake, yielding an annual average investment per customer of \$453.83 (\$2,900,000/6,390 customers); whereas \$1,650,000 is prospectively being invested for Locke Lake Customers, yielding an annual average investment per customer of \$476.88 (\$1,650,000/865 customers/4 years). By completing the larger project in 2016, significant additional capital investments are not anticipated in Locke Lake through 2019.

	Total PEU Customers:	7,255	
	Total PEU Locke Lake Customers:	865	
	Total PEU non-Locke Lake Customers:	6,390	
2016-2018 Budgeted PEU non-Locke Lake Capital Expenditures (3 years):	\$ 2,900,000.00	2016 = \$500,000, 2017 = \$850,000, 2018 = \$1,550,000	
Non-locke Lake Capital Expenditures per non-Locke Lake Customer:	\$ 453.83		
2016-2019 Budgeted PEU Locke Lake Capital Expenditures (4 years):	\$ 1,650,000.00	2016 = \$1,650,000	
Locke Lake Capital Expenditures per Locke Lake Customer:	\$ 476.88		

**DW 16-234**  
**Pennichuck East Utility, Inc.**  
**Petition for Approval of SRF and CoBank Financings**  
**Response to Staff Data Requests Set 1**

Date Request Received: 03/02/16

Date of Response: 03/18/16

Request No. Staff 1-6

Witness: Larry Goodhue

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**REQUEST: Re: Direct Prefiled Testimony of John J. Boisvert, Page 8, Lines 7-8:** Please provide the computation used to arrive at per customer cost quoted: "The estimated annual additional cost would be about \$120,000 or about \$16.54 per customer..."

**RESPONSE:**

The table below presents the calculation.

<b>Project Costs</b>	<b>Annual Costs</b>
State Property Tax @ \$6.60 per \$1,000 for \$1,650,000	\$ 10,890.00
Local Property Tax @ \$24.57 per \$1,000 for \$1,650,000	\$ 40,540.50
Depreciation (60 years)	\$ 27,555.00
Return on Investment (\$1,650,000, 2.464%, 20 years)	\$ 40,656.00
Total:	\$ 119,641.50
Total (rounded):	\$ 120,000.00
Total PEU Customers:	7,255
Cost per PEU customer:	\$ 16.54

**DW 16-234**  
**Pennichuck East Utility, Inc.**  
**Petition for Approval of SRF and CoBank Financings**  
**Response to Staff Data Requests Set 1**

Date Request Received: 03/02/16

Date of Response: 03/18/16

Request No. Staff 1-7

Witness: Larry Goodhue

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**REQUEST:** Please provide a detailed copy of PEU's 2016, 2017 and 2018 Capital Expenditure Budget.

**RESPONSE:**

A copy of PEU's detailed Capital Expenditure Budget for 2016 is attached, in addition to PEU's 2017 and 2018 Capital Expenditure forecasts. The budget for PEU is approved annually for the currently upcoming year, along with a forecast of estimated capital expenditures for the two succeeding years.

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total 2016 incl
Project Description														O/H
<b>2015 Carryover/Multi-year Projects</b>														
n/a	n/a													-
<b>Subtotal 2015 Carryover/Multi-year Projects</b>														-
<b>New 2016 Projects</b>														
5 New Services	5 New Services			1.00	1.00	2.00	5.00	5.00	3.00	5.00				22.00
10 Renewed Services	10 Renewed Services	2.50	2.50	2.50	2.50	1.50	5.00	5.00	2.00	2.00	2.50	1.50	1.50	31.00
2 Hydrants	2 Hydrants						5.00	5.00						10.00
10 Valve Replacements	10 Valve Replacements			2.50	2.50	5.00	5.00	5.00	3.00					23.00
75 New Meters (growth) 5/8"-2"	75 New Meters (growth) 5/8"-2"	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	14.00
470 New Meters for Lead Meter exchanges 5/8"-6"	470 New Meters for Lead Meter exchanges 5/8"-6"	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	81.00
<b>Subtotal New 2016 Projects</b>		<b>10.42</b>	<b>10.42</b>	<b>13.92</b>	<b>13.92</b>	<b>16.42</b>	<b>27.92</b>	<b>27.92</b>	<b>15.92</b>	<b>14.92</b>	<b>10.42</b>	<b>9.42</b>	<b>9.42</b>	<b>181.00</b>
<b>Total 2016 Capital Projects Budget</b>		<b>10.42</b>	<b>10.42</b>	<b>13.92</b>	<b>13.92</b>	<b>16.42</b>	<b>27.92</b>	<b>27.92</b>	<b>15.92</b>	<b>14.92</b>	<b>10.42</b>	<b>9.42</b>	<b>9.42</b>	<b>181.00</b>
<b>2015 Carryover/Multi-year Projects</b>														
Locke Lake Airstrip Station	Treatment Improvements			25.00	25.00	25.00	25.00							100.00
<b>Subtotal 2015 Carryover/Multi-year Projects</b>		<b>0.00</b>	<b>0.00</b>	<b>25.00</b>	<b>25.00</b>	<b>25.00</b>	<b>25.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>100.00</b>
<b>New 2016 Projects</b>														
Locke Lake Vamey Road Area	Main Replacement					200.00	300.00	300.00	300.00	300.00	200.00	50.00		1,650.00
Cross Connection Survey							10.00	10.00	10.00					30.00
Stone Sled Station upgrade				5.00	15.00	75.00	75.00	125.00	75.00	30.00				400.00
Golf Course Station demo						25.00								25.00
<b>Subtotal New 2016 Projects</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5.00</b>	<b>215.00</b>	<b>410.00</b>	<b>385.00</b>	<b>435.00</b>	<b>375.00</b>	<b>230.00</b>	<b>50.00</b>	<b>0.00</b>	<b>2,105.00</b>
<b>Total 2016 Capital Projects Budget</b>		<b>0.00</b>	<b>0.00</b>	<b>25.00</b>	<b>30.00</b>	<b>240.00</b>	<b>435.00</b>	<b>385.00</b>	<b>435.00</b>	<b>375.00</b>	<b>230.00</b>	<b>50.00</b>	<b>0.00</b>	<b>2,205.00</b>
<b>2015 Carryover/Multi-year Projects</b>														
engineering of weinstein well - Hudson	engineering of weinstein well - Hudson			15.00			10.00							25.00
<b>Subtotal 2015 Carryover/Multi-year Projects</b>		<b>-</b>	<b>-</b>	<b>15.00</b>	<b>-</b>	<b>-</b>	<b>10.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25.00</b>
<b>New 2016 Projects</b>														
Booster/Chemical Feed pump replacements	Booster/Well/Chemical Feed pump replacements		8		10		10		10		7			45.00
Miscellaneous Structural Improvements	Miscellaneous Structural Improvements				5		5		5					15.00
Install/replace treatment systems	Install/replace treatment systems				20				20					40.00
PEU well pump replacements	PEU well rehabilitation (4 locations)			8	7					8	7			30.00
replace Locke Lake golf course well pumps	replace Locke Lake golf course well pumps			30	10									40.00
replace various instrumentation	replace various instrumentation		5		5		5		5					20.00
Remote Cellular Alarming (3 locations)	Remote Cellular Alarming (3 locations)					5			5			5		15.00
Miscellaneous Electrical/SCADA improvements	Miscellaneous Electrical/SCADA improvements			5		5			5			5		20.00
Rehabilitate 2 wells, White Rock Station	Rehabilitate 2 wells, White Rock Station			40										40.00
Miscellaneous Mechanical Improvements	Miscellaneous Mechanical Improvements		10		10		10				10			40.00
PEU contrib to reconstruction of weinstein well	PEU contrib to reconstruction of weinstein well							25.00	20.00					45.00
<b>Subtotal New 2016 Projects</b>		<b>-</b>	<b>23.00</b>	<b>83.00</b>	<b>67.00</b>	<b>10.00</b>	<b>30.00</b>	<b>25.00</b>	<b>70.00</b>	<b>8.00</b>	<b>24.00</b>	<b>10.00</b>	<b>-</b>	<b>350.00</b>
<b>Total 2016 Capital Projects Budget</b>		<b>-</b>	<b>23.00</b>	<b>98.00</b>	<b>67.00</b>	<b>10.00</b>	<b>40.00</b>	<b>25.00</b>	<b>70.00</b>	<b>8.00</b>	<b>24.00</b>	<b>10.00</b>	<b>-</b>	<b>375.00</b>
<b>2015 Carryover/Multi-year Projects - Total PEU</b>		<b>-</b>	<b>-</b>	<b>40.00</b>	<b>25.00</b>	<b>25.00</b>	<b>35.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>125.00</b>
<b>New 2016 Projects - Total PEU</b>		<b>10.42</b>	<b>33.42</b>	<b>96.92</b>	<b>85.92</b>	<b>241.42</b>	<b>467.92</b>	<b>437.92</b>	<b>520.92</b>	<b>397.92</b>	<b>264.42</b>	<b>69.42</b>	<b>9.42</b>	<b>2,636.00</b>
<b>Total Capital Budget - PEU</b>		<b>10.42</b>	<b>33.42</b>	<b>136.92</b>	<b>110.92</b>	<b>266.42</b>	<b>502.92</b>	<b>437.92</b>	<b>520.92</b>	<b>397.92</b>	<b>264.42</b>	<b>69.42</b>	<b>9.42</b>	<b>2,761.00</b>

Project Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total 2017 incl		
													O/H		
<b>2016 Carryover/Multi-year Projects</b>															
														-	
<b>Subtotal 2016 Carryover/Multi-year Projects</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>New 2017 Projects</b>															
Main Upsizing								50.00	50.00						100.00
Litchfield/Londonderry Main Replacement					200.00										200.00
Gage Hill Water Main Replacement						200.00	200.00	150.00							550.00
<b>Subtotal New 2017 Projects</b>	-	-	-	-	200.00	200.00	200.00	200.00	50.00	-	-	-	-		850.00
<b>Total 2017 Capital Projects Budget</b>	-	-	-	-	200.00	200.00	200.00	200.00	50.00	-	-	-	-		850.00

Project Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total 2017 incl		
													O/H		
<b>2016 Carryover/Multi-year Projects</b>															
n/a														-	
<b>Subtotal 2016 Carryover/Multi-year Projects</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>New 2017 Projects</b>															
Booster/Well/Chemical Feed pump replacements			15	15		15		15		-					60.00
Miscellaneous Structural Improvements				5		10		5							20.00
Install/replace treatment systems				20				20							40.00
PEU well rehabilitation (4 locations)				10	10	5									25.00
replace various instrumentation			5	5		5		5							20.00
Miscellaneous Mechanical Improvements			10	10		10				10					40.00
<b>Subtotal New 2017 Projects</b>	-	30.00	10.00	65.00	5.00	40.00	-	45.00	-	10.00	-	-	-		205.00
<b>Total 2017 Capital Projects Budget</b>	-	30.00	10.00	65.00	5.00	40.00	-	45.00	-	10.00	-	-	-		205.00

Project Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total 2017 incl		
													O/H		
<b>2016 Carryover/Multi-year Projects</b>															
n/a														-	
<b>Subtotal 2016 Carryover/Multi-year Projects</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>New 2017 Projects</b>															
5 New Services			1.00	1.00	2.00	5.00	5.00	3.00	5.00						22.00
10 Renewed Services	2.50	2.50	2.50	2.50	1.50	5.00	5.00	2.50	2.00	2.50	1.50	1.50			31.50
2 Hydrants						5.00	5.00								10.00
10 Valve Replacements			5.80	5.80	5.80	7.00	7.00	8.00	8.00	4.60	3.00				55.00
75 New Meters (growth) 5/8"-2"	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08			13.00
470 New Meters for Lead Meter exchanges 5/8"-6"	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75			81.00
<b>Subtotal New 2017 Projects</b>	10.33	10.33	17.13	17.13	17.13	29.83	29.83	21.33	22.83	14.93	12.33	9.33			212.50
<b>Total 2017 Capital Projects Budget</b>	10.33	10.33	17.13	17.13	17.13	29.83	29.83	21.33	22.83	14.93	12.33	9.33			212.50

<b>2016 Carryover/Multi-year Projects - Total PEU</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
<b>New 2017 Projects - Total PEU</b>	10.33	40.33	27.13	82.13	222.13	269.83	229.83	266.33	72.83	24.93	12.33	9.33		1,267.50
<b>Total Capital Budget - PEU</b>	10.33	40.33	27.13	82.13	222.13	269.83	229.83	266.33	72.83	24.93	12.33	9.33		1,267.50

Pennichuck Corporation and Subsidiaries  
Capital Expenditure Budget - 2018  
(\$000)

DW 16-234  
Pennichuck East Utility, Inc.  
Attachment to Staff 1-7

review:  
1= must do,  
2= defer,  
3= discretionary,  
4= deferred unless  
SRF funding avail

Project Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total 2018 incl		
													O/H		
<b>2017 Carryover/Multi-year Projects</b>															
n/a													-		
<b>Subtotal 2017 Carryover/Multi-year Projects</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>New 2018 Projects</b>															
Litchfield/Londonderry Main Replacement													200.00	200.00	
Main Upsizing														100.00	
North Country Operations Facility														100.00	
Williamsburg Main Replacement														100.00	
Station Reconstruction														50.00	
<b>Subtotal New 2018 Projects</b>	-	-	-	-	200.00	200.00	300.00	450.00	200.00	200.00	-	-	-	1,550.00	
<b>Total 2018 Capital Projects Budget</b>	-	-	-	-	200.00	200.00	300.00	450.00	200.00	200.00	-	-	-	1,550.00	

Project Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total 2018 incl		
													O/H		
<b>2017 Carryover/Multi-year Projects</b>															
n/a													-		
<b>Subtotal 2017 Carryover/Multi-year Projects</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>New 2018 Projects</b>															
Booster/Well/Chemical Feed pump replacements													15	60.00	
Miscellaneous Structural Improvements													5	20.00	
Install/replace treatment systems													20	40.00	
PEU well rehabilitation (4 locations)													10	25.00	
replace various instrumentation													5	20.00	
Miscellaneous Mechanical Improvements													10	40.00	
Rehabilitate 2 wells, White Rock Station													40	40.00	
<b>Subtotal New 2018 Projects</b>	-	30.00	50.00	65.00	5.00	40.00	-	45.00	-	10.00	-	-	-	245.00	
<b>Total 2018 Capital Projects Budget</b>	-	30.00	50.00	65.00	5.00	40.00	-	45.00	-	10.00	-	-	-	245.00	

Project Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total 2018 incl		
													O/H		
<b>2017 Carryover/Multi-year Projects</b>															
n/a													-		
<b>Subtotal 2017 Carryover/Multi-year Projects</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>New 2018 Projects</b>															
5 New Services													2.00	25.00	
10 Renewed Services	2.50	2.50	2.50	2.50	1.50	5.00	5.00	2.50	2.00	2.50	1.50	1.50		31.50	
2 Hydrants													5.00	10.00	
10 Valve Replacements													6.00	60.00	
75 New Meters (growth) 5/8"-2"	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		15.00	
470 New Meters for Lead Meter exchanges 5/8"-6"	7.28	7.28	7.28	7.28	7.28	7.28	7.28	7.28	7.28	7.28	7.28	7.28		87.36	
<b>Subtotal New 2018 Projects</b>	11.03	11.03	19.03	18.53	18.53	31.03	30.53	22.53	23.53	16.03	13.03	10.03		224.86	
<b>Total 2018 Capital Projects Budget</b>	11.03	11.03	19.03	18.53	18.53	31.03	30.53	22.53	23.53	16.03	13.03	10.03		224.86	

2016 Carryover/Multi-year Projects - Total PEU

0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

New 2017 Projects - Total PEU

11.03 41.03 69.03 83.53 223.53 271.03 330.53 517.53 223.53 226.03 13.03 10.03 2,019.86

Total Capital Budget - PEU

11.03 41.03 69.03 83.53 223.53 271.03 330.53 517.53 223.53 226.03 13.03 10.03 2,019.86

**DW 16-234**  
**Pennichuck East Utility, Inc.**  
**Petition for Approval of SRF and CoBank Financings**  
**Response to Staff Data Requests Set 1**

Date Request Received: 03/02/16

Date of Response: 03/18/16

Request No. Staff 1-8

Witness: Larry Goodhue

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**REQUEST:** Please provide the calculation of short term debt in accordance with Puc 608.05, on a proforma basis, subsequent to the closing of these two loans.

**RESPONSE:**

An analysis in support of this request is attached to this response.

**Pennichuck East Utility, Inc.**  
**Proforma Analysis of Short Term Debt in accordance with Puc 608.05**  
**As of December 31, 2015**

	<b>Note 1 -</b>	<b>Note 2 -</b>	<b>Note 3 - Net</b>	<b>Proforma as of</b>
<b>As of December</b>	<b>Addition of new</b>	<b>Elimination of</b>	<b>Utility Plant</b>	<b>December 31,</b>
<b>31, 2015</b>	<b>external debt</b>	<b>intercompany</b>	<b>Additions</b>	<b>2015</b>
		<b>payable that</b>		
		<b>are not long-</b>		
		<b>term</b>		
Current portion of long term debt	\$ 522,601	\$ 111,671		\$ 634,272
Current portion of intercompany notes payable	373,618			373,618
Intercompany payables that are not long-term	2,566,226	(974,207)		1,592,019
Total current portion of long term debt and intercompany amounts due	<u>3,462,445</u>	<u>111,671</u>	<u>-</u>	<u>2,599,909</u>
Total net utility plant	38,677,003		2,716,563	41,393,566
Less: CWIP	(137,180)			(137,180)
Total net utility plant, excluding CWIP	<u>\$ 38,539,823</u>	<u>\$ -</u>	<u>\$ 2,716,563</u>	<u>\$ 41,256,386</u>
Short term debt as a percentage of net utility plant	<u>8.98%</u>			<u>6.30%</u>

**Note 1: Composition of Pro Forma Adjustments for new SRF and CoBank Debt**

	<b>SRF Only</b>	<b>CoBank Only</b>	<b>Combined</b>
Current Portion	\$ 64,645	\$ 47,026	\$ 111,671
Long Term Portion	1,585,355	2,152,974	3,738,329
Total New Long Term Debt	<u>\$ 1,650,000</u>	<u>\$ 2,200,000</u>	<u>\$ 3,850,000</u>

Current portion conservatively includes the estimated first twelve months or repayment amortization, as if in existence as of 12/31/2015. Actual amounts will be less until actual repayment begins.

**Note 2: adjustments to intercompany advances per note 3 of LDG-1, page 2.**

**Note 3: adjustments to net utility plant per note 1 and 2 on LDG-1, page 1.**