

NHPUC NO. 6 Water
PENNICHUCK WATER WORKS, INC.

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QUALIFIED CAPITAL PROJECT ADJUSTMENT CHARGE

In addition to the net charges provided for in this Tariff, a Qualified Capital Project Adjustment Charge ("QCPAC") surcharge of 1.69% will apply to all bills issued after May 4, 2018.

I. General Description

Purpose: To recover the fixed costs (1.1 times principal and interest plus property taxes) of Commission-approved capital expenditures needed to operate maintain, insure regulatory compliance and to replace aging infrastructure which were completed and placed in service and to be recorded in the individual accounts, as noted below, between base rate cases. In addition, QCPAC provides the Company with the resources to complete essential asset replacement for infrastructure for the purpose of improving or protecting water quality and the reliability of service and to comply with evolving regulatory requirements imposed by the Safe Drinking Water Act.

QCPAC Eligible Property will encompass all Assets acquired by the Company as part of its annual capital improvements plan. Any regulatory asset that is recovered through an amortization expense is not eligible for QCPAC treatment.


Computation of the QCPAC

The charge effective for all bills issued after May 4, 2018 will be calculated to recover the fixed costs of eligible plant additions not previously reflected in the Company's rate base and placed in service between January 1, 2017 and December 31, 2017. Thereafter, the QCPAC will be updated on an annual basis to reflect eligible plant additions placed in service during the prior calendar year. Thus, changes in the QCPAC surcharge percentage will occur as follows:

<u>Effective Date of QCPAC Change</u>	<u>Date To Which QCPAC Eligible Plant Additions Reflected</u>
April 5, 2018	December 31, 2017

The QCPAC will be applied to all bills rendered after May 4, 2018. The QCPAC will be applied uniformly to all customer classes and charges with the exception that the QCPAC will not be applied against the monthly fixed contract charges associated with Anheuser-Busch, Town of Milford and Town of Hudson special contracts.

Issued: November 29, 2018
Effective: April 5, 2018

Issued by: 
Name: Donald L. Ware
Title: Chief Operating Officer

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The fixed costs of eligible infrastructure system improvement projects will consist of principal and interest payments and property taxes calculated as follows:


Principal and Interest: The principal and interest expense will be based on the annual principal and interest associated with the Bond sold on April 4, 2018 to pay for the QCPAC qualified projects that were completed and used in useful by December 31, 2017. The Bond Principal and interest of the Bond will be multiplied by 1.1 to determine this portion of the QCPAC surcharge. The revenues collected via the QCPAC surcharge shall be divided into two revenue streams with the revenues associated with 1.0 times the QCPAC principal and interest being part of the Company's Debt Service Revenue Requirement ("DSRR") and the revenues associated with 0.1 times the QCPAC principal and interest being part of the Company's 0.1 Debt Service Revenue Requirement ("0.1 DSRR").

Property Taxes: Incremental property taxes associated with the specific capital projects, as determined in the year of the granting of the QCPAC for such projects. The property tax expense will reflect an estimate of the tax expense for such projects based on the tax rate then in effect at the end of the year the QCP was used and useful times the final audited cost of the eligible QCP's.

QCPAC Surcharge Amount: The charge will be expressed as a percentage carried to two decimal places and will be applied to the effective portion of the total amount billed to each customer under the Company's otherwise applicable rates and charges.

The QCPAC Surcharge Amount approved by the Commission will be recouped back to the effective date of this tariff. The recoupment will be calculated based on actual charges incurred between the effective date of this tariff and the issued date of this tariff and shall be collected as a lump sum on the first bill rendered after the issuance date of this tariff.

Issued: November 29, 2018
Effective: April 5, 2018

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Name: Donald L. Ware
Title: Chief Operating Officer

NHPUC NO. 6 Water
PENNICHUCK WATER WORKS, INC.

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Formula The formula for calculation of the QCPAC surcharge is as follows:

$$\text{QCPAC} = \frac{1.1 \times (\text{AP} + \text{AI}) + \text{PT}}{\text{BRWR}}$$

Where:

AP = the annual principal payments associated with the bonds issued to fund QCPAC eligible projects that were used and useful before the end of the preceding year.

AI = the annual interest payments associated with the bonds issued to fund QCPAC eligible projects that were used and useful before the end of the preceding year the pre-tax return rate applicable to eligible infrastructure system improvement projects.

PT = annual property taxes related to eligible infrastructure system improvement projects.

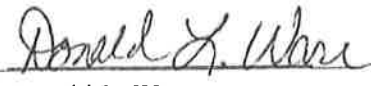
BRWR= base retail water revenues as approved by the Commission in the Company's last rate proceeding, DW 16-806, or a subsequent docket.

Annual updates: Supporting data for each annual update will be filed with the Commission and the Office of Consumer Advocate no later than the end of the first full week in February of each year.

Audits: The QCPAC will be subject to audit prior to the determination by the Commission.

New Base Rates: The QCPAC charge will be reset at zero as of the effective date of new base rates that provide for prospective recovery of the annual costs that had theretofore been recovered under the QCPAC. Thereafter, only the fixed costs of new eligible plant additions that have not previously been reflected in the Company's rate base would be reflected in the annual updates of the QCPAC.

Issued: November 29, 2018
Effective: April 5, 2018

Issued by: 
Name: Donald L. Ware
Title: Chief Operating Officer

Authorized by NHPUC Order No. 26,183 in Docket No. 18-022 dated 10/29/18

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PENNICHUCK WATER WORKS, INC.

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Customer Notice: At least thirty (30) days in advance of a QCPAC filing, the Company will notify Customers of the filing by including an explanatory bill insert with the bills. Before sending, the Company will review the notice with the Commission's Consumer Services and External Affairs division. Customers shall also be notified of changes in the QCPAC by including appropriate information with the first bill they receive following any change.

Notice of Project Substitution: If, after the Company has received Commission approval for Year 1 QCPAC projects, because of changed circumstances or significant new information the Company plans to undertake projects in Year 1 that were not included on the list of approved QCPAC projects for that year or it has decided not to proceed with one or more projects that were included on the Commission-approved list, it shall notify the Commission and all parties to the proceeding in which the list of QCPAC projects was approved that the Company plans to add to or delete projects and the reason for the proposed changes, in accordance with the following schedule. The Company will submit updates for approved QCPAC projects for that year, based upon information known on a year-to-date basis, from the beginning of the year through the following effective dates, on the associated reporting dates:

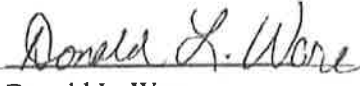
Effective Date

June 30
September 30
November 30

Reporting Date

August 15
November 15
January 15

Issued: November 29, 2018
Effective: April 5, 2018

Issued by: 
Name: Donald L. Ware
Title: Chief Operating Officer

THE STATE OF NEW HAMPSHIRE



CHAIRMAN
Martin P. Honigberg

COMMISSIONERS
Kathryn M. Bailey
Michael S. Giaimo

EXECUTIVE DIRECTOR
Debra A. Howland

PUBLIC UTILITIES COMMISSION

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

Attachment PWW-B
Page 1 of 4
TDD Access: Relay NH
1-800-735-2964
Tel. (603) 271-2431
FAX (603) 271-3878
Website:
www.puc.nh.gov

February 23, 2018

NHPUC 23FEB'18am10:46

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

Re: DW 16-806: Pennichuck Water Works, Inc.
Staff Recommendations regarding Rate Case Expense Recovery and Permanent Rate
Revenue Recoupment: **PUBLIC VERSION**

Dear Ms. Howland:

The purpose of this letter is to provide Staff's recommendations relative to the requests recently filed by Pennichuck Water Works, Inc. ("PWW" or "Company") in this case for recovery of rate case expenses as well as recoupment of the revenue difference between temporary and permanent rates. Staff recommends that the Commission approve a total of \$145,366 in rate case expenses for PWW to be recovered over a twelve-month period via a monthly surcharge of \$0.43 per customer. Staff further recommends that the Commission approve a permanent rate recoupment amount for PWW's Core Water System ("Core") customers totaling \$37,363.27 to be recovered over a one-month period and for PWW's Community Water System ("CWS") customers totaling \$62,452.31 to be recovered over a twelve-month period. Staff finally recommends that the Commission grant approval of PWW's Motion for Confidential Treatment relative to certain information contained in copies of legal invoices included in its rate case expense filing.

Rate Case Expenses

On December 7, 2017, PWW submitted a filing seeking recovery of its rate case expenses incurred relative to DW 16-806 pursuant to Commission Order No. 26,070 (November 7, 2017). PWW's original submission requested recovery of a total of \$148,248.68 in rate case expenses to be recovered from its 28,354 customers over a twelve-month period via a surcharge calculated at \$0.44 per customer per month. The nature of the expenses being sought for recovery consists of legal services, filing preparation services, publication notices, customer mailings, and stenographer services.

In accordance with Puc 1905.03 (a) through (d), PWW's submission included the documentation necessary to support its request for rate case expense recovery including copies of

Staff Recommendations – Rate Case Expenses and Permanent Rate Revenue Recoupment
February 23, 2018 – PUBLIC VERSION

invoices, schedules, and computations. PWW also submitted documentation showing that the legal services it obtained for the rate proceeding was procured through a competitive bid process consistent with Puc 1905.03 (g) and (h). Additionally, PWW submitted documentation detailing its general procurement policies as well as provided statements indicating that the requests for qualifications and fee proposals for legal services were consistent with those procurement policies in accordance with Puc 1905.03 (e) and (f).

Finally, pursuant to Puc 203.08, PWW submitted a Motion for Confidential Treatment relative to the hourly billing rate information for legal services performed for the Company. The motion averred that disclosure of this information will cause competitive harm to PWW's attorneys and could potentially have a detrimental effect on the Company's future competitive bidding efforts. Accompanying the motion, PWW provided redacted as well as confidential copies of the relevant billing information in accordance with Puc 201.04.

Staff reviewed PWW's rate case expense filing and, in turn, propounded discovery relative to such on December 18, 2017. PWW provided responses to Staff's discovery on January 3, 2018. A redacted copy of PWW's data responses is attached to this PUBLIC VERSION correspondence. (A copy of this letter with the UNREDACTED CONFIDENTIAL material attached, will be filed, and provided to the OCA and the Company, separately). As a result of its responses to Staff discovery, PWW amended its request for rate case expense recovery to an amount of \$147,975.50; a reduction of \$273.18.¹

Based on its review of the filing, Staff is proposing two further reductions in PWW's proposed rate case expenses. First, Staff is proposing the elimination of a legal charge in the amount of \$109.50 related to the NHPUC's audit of the Company.² The Commission has historically excluded expenses related to NHPUC Staff audits from rate case expense surcharge recovery because it deems that all such costs have already been included in the determination of customer rates. Second, Staff is proposing a reduction of \$2,500 in legal expenses relative to the subsequent filing of certain rate case schedules which were erroneously missing from the Company's original rate case filing. Specifically, PWW filed its formal petitions for temporary and permanent rates, including testimony and supporting schedules, on September 26, 2016. Staff performed a detailed review of the Company's submissions and determined that a number of necessary schedules were missing from the original rate filing. Staff informed the Company of this on November 8, 2016. As a result, PWW submitted the schedules missing from its original filing on November 22, 2016. However, Staff believes that the legal charges incurred relative to the review and subsequent correction of this oversight by the Company should be deemed as inappropriate for rate case expense recovery, and thus should be excluded from such. Based on its analysis, Staff estimated this cost to be approximately \$2,500.³

¹ Specifically, per its response to Staff 4-2, PWW reduced the cost of envelopes purchased for customer mailings by \$68.29; and, per its response to Staff 4-7, PWW eliminated the cost of a newspaper legal notice relative Pennichuck East Utility in the amount of \$204.89 which had been erroneously charged to PWW.

² See Rath, Young, and Pignatelli PC Invoice # 73679, dated January 20, 2017. (Bates PWW000022)

³ Staff based its determination on Rath, Young, and Pignatelli PC Invoice # 73380, dated December 19, 2016, which was provided in PWW's response to Staff 4-4. Specifically, Staff analyzed the legal charges which occurred between 11/9/16 and 11/21/16.

Staff Recommendations – Rate Case Expenses and Permanent Rate Revenue Recoupment
February 23, 2018 – PUBLIC VERSION

As a result of the Company's and Staff's adjustments, Staff is recommending that the Commission approve a total rate case expense recovery amount of \$145,366.00 (\$147,975.50 - \$109.50 - \$2,500.00). Staff further recommends that this amount should be recovered from PWW's customers over a twelve-month period via a surcharge which amounts to \$0.43 per customer per month ($\$145,366.00 \div 28,354 \text{ customers} \div 12 \text{ months}$).

Staff also supports and recommends that the Commission grant PWW's Motion for Confidential Treatment. Staff agrees with the Company's concerns that disclosure of the hourly billing rate information related to its legal expenses will cause competitive harm to PWW's attorneys, and would potentially have a future detrimental effect on the Company and its customers. The Commission has granted confidential treatment to similar information in the past. See, e.g., *Aquarion Water Company of New Hampshire, Inc.*, Order No. 25,586 (October 22, 2013) (granting confidential treatment to billing rates of its outside attorneys and cost-of-service consultant).

Revenue Recoupment

On December 7, 2017, PWW submitted its calculation and reconciliation of temporary and permanent rates in accordance with Commission Order No. 26,070 (November 7, 2017). For purposes of the revenue recoupment calculation, the Settlement Agreement approved by that order made a distinction between the Company's Core customers, ie, those in the City of Nashua, and its CWS customers. This distinction was based on the fact that the Core customers had been assessed a Water Infrastructure and Conservation Adjustment (WICA) charge during the recoupment period while the CWS customers had not. Thus, the recovery period for Core customers will be one billing-month while the recovery period for CWS customers will be a twelve billing-month period.⁴

Specifically, PWW proposed recovery of a total of \$37,363.27 from its Core customers via a one-time surcharge, as follows by customer class:

<u>Customer Class</u>	<u>Total Recoupment</u>
General Metered	\$29,817.33
Anheuser Busch	625.69
Town of Milford	111.55
Town of Hudson	454.14
Town of Tyngsborough	448.39
Total:	\$31,457.10

(Average recoupment for Residential Customers is \$1.01 ($\$23,326.28 \div 23,155 \text{ customers}$))

Private Fire Protection	\$ 1,597.20
Public Fire Protection:	
City of Nashua	\$ 3,900.58
Town of Merrimack	122.95

⁴ See Commission Order No. 26,070 at 12.

Staff Recommendations – Rate Case Expenses and Permanent Rate Revenue Recoupment
February 23, 2018 – PUBLIC VERSION

Town of Amherst	<u>285.44</u>
Grand Total	<u>\$37,263.27</u>

For PWW's CWS customers, the Company proposed recovery of a total \$62,452.31 to be collected over a twelve-month period, as follows by customer class:

<u>Customer Class</u>	<u>Total Recoupment</u>
General Metered	\$55,355.13

(Average recoupment for Residential Customers is \$20.10 (\$52,558.59 ÷ 2,616 customers) or \$1.68 per month)

Private Fire Protection	\$ 417.35
Public Fire Protection:	
Town of Merrimack	\$ 5,482.35
Town of Amherst	<u>1,197.48</u>
Grand Total	<u>\$62,452.31</u>

PWW provided Staff with the computations of its proposed surcharges for each customer class, which Staff verified. Staff also submitted a data request to PWW on December 18, 2017 to which the Company responded on January 3, 2018. PWW's response is attached to this correspondence.

As a result of its review, Staff supports PWW's proposed revenue recoupment amounts and recommends that the Commission approve them along with the Company's proposed surcharges for each customer class. The recovery of the difference between temporary and permanent rates is consistent with the Commission's ratemaking authority and the just and reasonable rates set by Order No. 26,070.

Positions of the Parties

Prior to filing this letter with the Commission, the Staff provided a final draft to the Company as well as the OCA. In response, the Company stated that it was in agreement with Staff's recommendations. Relative to the OCA's position, it stated that it concurs with Staff's recommended allowance of \$145,366.00 for prudently incurred rate case expenses, as well as the amount and methodology for recoupment of the difference between temporary and permanent rates. Thank you for your attention to and assistance with this matter. If you have any questions, please do not hesitate to contact me.

Very truly yours,

/s/ Jayson P. Laflamme

Jayson P. Laflamme
Staff Analyst, Gas-Water Division

Attachment
cc: Service List

NHPUC NO. 5 WATER

Eighth Revised Page 39

PENNICHUCK WATER WORKS, INC.

Issued in lieu of Seventh Revised Page 39

GENERAL SERVICE - METERED
SCHEDULE G-M

Availability:

The rate is available for metered water service in the franchised area subject to the terms and conditions of this tariff.

Character of Service:

Nashua Core System: Water is fully treated, filtered, and purified and is transmitted by gravity and pumps to the individual service pipes.

Community Water Systems: Water is ground water from a well site. Water quality meets or exceeds all federal and state standards for drinking water. Outdoor use of water may be restricted during dry summer periods.

Rates: Quarterly

The standard customer charge per quarter based on meter size will be shown below:

Meter Size	Quarterly Customer Charge
5/8"	\$ 45.03
3/4"	64.83
1"	104.40
1 1/2"	203.46
2"	333.09
3"	610.83
4"	1,007.40
6"	1,998.96
8"	3,189.12
10"	4,577.28

In addition to the standard customer charge, the quarterly volumetric charge based on usage will be as shown below:

Volumetric Charge: \$ 2.35 per 100 cu. ft.

Terms of Payment:

Bills under this rate are net; will be rendered quarterly, and are due and payable at the office of the Company on the due date as stated on water bill.

Issued: May 25, 2007

Issued by: Bonaly J. Hartley
Bonaly J. Hartley

Effective: January 5, 2007

Title: Vice President, Administration

Authorized by NHPUC Order No. 24,751 in Docket No. DW 06-073, dated May 25, 2007.

NHPUC NO. 5 WATER

Eleventh Revised Page 40

PENNICHUCK WATER WORKS, INC.

Superseding Tenth Revised Page 40

RATE SCHEDULE
GENERAL SERVICE - METERED
SCHEDULE G-M

Availability:

The rate is available for metered water service in the franchised area subject to the terms and conditions of this tariff.

Character of Service:

Nashua Core System: Water is fully treated, filtered, and purified and is transmitted by gravity and pumps to the individual service pipes.

Community Water Systems: Water is ground water from a well size. Water quality meets or exceeds all federal and state standards for drinking water. Outdoor use of water may be restricted during dry summer periods.

Rate:

A minimum customer charge shall be made for each customer to whom service is rendered under this tariff, based on the meter size shown below:

<u>Meter Size</u>	<u>Monthly Customer Charge</u>
5/8"	\$ 18.18
3/4"	26.16
1"	42.13
1 1/2"	82.10
2"	134.41
3"	246.48
4"	406.51
6"	806.63
8"	1,286.90
10"	1,847.05

Volumetric Rate:

In addition to the standard customer charge, the monthly volumetric charge based on usage will be as follows:

Volumetric Charge:

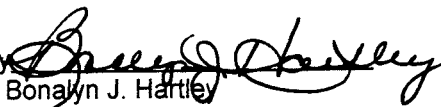
\$ 2.90 per 100 cu. ft.

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on water bill.

Issued: August 13, 2009

Issued by


Bonalyn J. Hartley

Permanent Effective: July 28, 2008

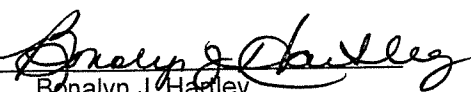
Step Increase Effective: August 13, 2009

Title: VP, Admin. & Regulatory Affairs

Authorized by NHPUC Order No. 25,006 in Docket No. DW 08-073, dated August 13, 2009.

**CANCELLATION
OF
NHPUC NO. 5 - WATER
PENNICHUCK WATER WORKS, INC.
SUPPLEMENT NO. 9
TARIFF
for
WATER SERVICE
In
THE STATE OF NEW HAMPSHIRE**

Issued: August 13, 2009

Issued by: 
Bonalyn J. Hartley

Effective: July 28, 2008

Title: Vice Pres. Admin & Regulatory Affairs

Authorized by NHPUC Order No. 25,006 in Docket No. DW 08-073, dated August 13, 2009.

**CANCELLATION
OF
NHPUC NO. 5 – WATER
PENNICHUCK WATER WORKS, INC.
SUPPLEMENT NO. 10
TARIFF
FOR
WATER SERVICE
In
THE STATE OF NEW HAMPSHIRE**

Issued: September 23, 2009

Issued by 
Bonalyn J. Hartley

Effective: September 23, 2009

Title: VP, Admin. & Regulatory Affairs

Authorized by NHPUC Order No. 25,018 in Docket No. DW 08-073 dated September 23, 2009.

NHPUC NO. 5 WATER

Temporary Twelfth Revised Page 40

PENNICHUCK WATER WORKS, INC.

Superseding Eleventh Revised Page 40

TEMPORARY RATE SCHEDULE
GENERAL SERVICE - METERED
SCHEDULE G-M

Availability:

The rate is available for metered water service in the franchised area subject to the terms and conditions of this tariff.

Character of Service:

Nashua Core System: Water is fully treated, filtered, and purified and is transmitted by gravity and pumps to the individual service pipes.

Community Water Systems: Water is ground water from a well site. Water quality meets or exceeds all federal and state standards for drinking water. Outdoor use of water may be restricted during dry summer periods.

Rate:

A minimum customer charge shall be made for each customer whom service is rendered under this tariff, based on the meter size shown below:

Meter Size	Monthly Customer Charge	Temporary Monthly Customer Charge	
5/8"	\$ 18.18	\$ 20.14	(I)
3/4"	26.16	\$ 28.99	(I)
1"	42.13	\$ 46.68	(I)
1 1/2"	82.10	\$ 90.97	(I)
2"	134.41	\$ 148.93	(I)
3"	246.48	\$ 273.10	(I)
4"	406.51	\$ 450.41	(I)
6"	806.63	\$ 893.75	(I)
8"	1,286.90	\$ 1,425.89	(I)
10"	1,847.05	\$ 2,046.53	(I)

Volumetric:

In addition to the standard customer charge, the monthly volumetric charge based on usage will be as follows:

Volumetric Charge:	\$ 2.90 per 100 cu. Ft.	
Temporary Volumetric Charge	\$ 3.21 per 100 cu. Ft.	(I)

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: October 8, 2010

Issued by 
Benjamin J. Hartley

Effective: June 16, 2010

Title: VP, Administration & Regulatory Affairs

Authorized by NHPUC Order No. 25,153 Docket No. DW 10-091 dated October 8, 2010

NHPUC NO. 5 WATER

Temporary Seventh Revised Page 41

PENNICHUCK WATER WORKS, INC.

Superseding Sixth Revised Page 41

TEMPORARY RATE SCHEDULE
MUNICIPAL FIRE PROTECTION SERVICE
SCHEDULE FP-M

Availability:

This rate is applicable to general fire protection.

Character of Service:

The Company will make every effort to maintain normal pressures at all times on the distribution system, but shall not be held liable for the failure of either the supply or distribution division of its system to adequately furnish its normal quantity of water when such failure is due to the elements, natural causes, breaks, leaks, unusual or concurrent droughts, or the waste or unlawful use of water.

Rate:

The charge shall be made up of two parts as follows:

1) Hydrant charge

For each hydrant connected to the distribution system

		<u>Temporary</u>	
\$	17.16 per month	\$ 19.01 per month	(I)

2) Inch-Foot Charge

The number of "inch-foot" units in the distribution system is to be obtained by multiplying the number of linear feet of pipe of each diameter (4" and larger) by the diameter in inches. The total number of "inch-foot" units in the distribution system will be determined as of January 1st each year, and will be the base for computing the "inch-foot" charge for the entire year with one-fourth to be billed each quarter or one-twelfth to be billed each month.

Charge for each "inch-foot" unit to be

		<u>Temporary</u>	
\$	0.11828 per year	\$ 0.13105 per year	(I)

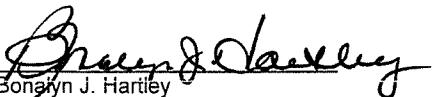
Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: October 8, 2010

Effective: June 16, 2010

Issued by


Bonakyn J. Hartley

Title: VP, Administration & Regulatory Affairs

Authorized by NHPUC Order No. 25,153 Docket No. DW 10-091 dated October 8, 2010

NHPUC NO. 5 WATER

Temporary Seventh Revised Page 42

PENNICHUCK WATER WORKS, INC.

Superseding Sixth Revised Page 42

TEMPORARY RATE SCHEDULE
PRIVATE FIRE PROTECTION SERVICE
SCHEDULE FP-NM

Availability:

This rate is available for private fire protection and sprinkler service subject to the Private Fire Protection Regulations of paragraph 13 of this tariff.

Character of Service:

The Company will make every effort to maintain normal pressures at all times on the distribution system, but shall not be held liable for the failure of either the supply or distribution division of its system to adequately furnish its normal quantity of water when such failure is due to the elements, natural causes, breaks, leaks, unusual or concurrent droughts, or the waste or unlawful use of water.

Rate:

The charge shall be determined by the size of the pipe entering the property as follows:

		<u>Temporary</u>	
4" or smaller connection	\$ 55.70	\$ 61.72	(I)
6" connection	93.46	\$ 103.55	(I)
8" or larger connection	137.60	\$ 152.46	(I)

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: October 8, 2010

Issued by: 
Bonalyn J. Hartley
Title: VP, Administration & Regulatory Affairs

Effective: June 16, 2010

Authorized by NHPUC Order No. 25,153 Docket No. DW 10-091 dated October 8, 2010

NHPUC NO. 5 WATER

Temporary Second Revised Page 57

PENNICHUCK WATER WORKS, INC.

Superseding First Revised Page 57

TEMPORARY RATE SCHEDULE
GENERAL SERVICE - NON-METERED
SCHEDULE GM-NM

Pennichuck Water Works, Inc. (PWW) will charge current unmetered customers a monthly rate as specified below based on the average single family residential usage as specified below until such time as meters are installed.

Commercial, Industrial and Private Fire Protection customers will be charged an average rate as calculated for a similar customer in PWW.

PWW will make every effort to install meters in a timely manner and in no such case should these rates remain in force for more than a twelve month period.

		<u>Temporary</u>
5/8 inch Meter Charge	\$ 18.18	\$ 20.14
Volumetric Charge	\$ 2.90	\$ 3.21
Average Single Family Residential Usage	9.53 CCF	7.88 CCF
	<u>\$ 27.64</u>	<u>\$ 25.29</u>
Total Monthly Charge	<u>\$ 45.82</u>	<u>\$ 45.43 (I)</u>
Annually	<u>\$ 549.84</u>	<u>\$ 545.16</u>

Issued: October 8, 2010

Issued by 
Bonalyn J. Hartley
Title: VP, Administration & Regulatory Affairs

Effective: June 16, 2010

Authorized by NHPUC Order No. 25,153 Docket No. DW 10-091 dated October 8, 2010

NHPUC NO. 5 WATER

Twelfth Revised Page 40

PENNICHUCK WATER WORKS, INC.

Superseding Eleventh Revised Page 40

RATE SCHEDULE
GENERAL SERVICE - METERED
SCHEDULE G-M

Availability:

The rate is available for metered water service in the franchised area subject to the terms and conditions of this tariff.

Character of Service:

Nashua Core System: Water is fully treated, filtered, and purified and is transmitted by gravity and pumps to the individual service pipes.

Community Water Systems: Water is ground water from a well site. Water quality meets or exceeds all federal and state standards for drinking water. Outdoor use of water may be restricted during dry summer periods.

Rate:

A minimum customer charge shall be made for each customer whom service is rendered under this tariff, based on the meter size shown below:

Meter Size	Monthly Customer Charge
5/8"	\$ 20.34
3/4"	\$ 29.28
1"	\$ 47.16
1 1/2"	\$ 91.91
2"	\$ 150.47
3"	\$ 275.93
4"	\$ 455.09
6"	\$ 903.02
8"	\$ 1,440.68
10"	\$ 2,067.77

Volumetric:

In addition to the standard customer charge, the monthly volumetric charge based on usage will be as follows:

Volumetric Charge: \$ 3.30 per 100 cu. Ft.

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: June 9, 2011

Issued by: 
Bonalyn J. Hartley

Effective: June 9, 2011

Title: VP Admin & Regulatory Affairs

Authorized by NHPUC Order No. 25,230 in Docket DW 10-091, dated June 9, 2011

NHPUC NO. 5 WATER

Seventh Revised Page 41

PENNICHUCK WATER WORKS, INC.

Superseding Sixth Revised Page 41

RATE SCHEDULE
MUNICIPAL FIRE PROTECTION SERVICE
SCHEDULE FP-M

Availability:

This rate is applicable to general fire protection.

Character of Service:

The Company will make every effort to maintain normal pressures at all times on the distribution system, but shall not be held liable for the failure of either the supply or distribution division of its system to adequately furnish its normal quantity of water when such failure is due to the elements, natural causes, breaks, leaks, unusual or concurrent droughts, or the waste or unlawful use of water.

Rate:

The charge shall be made up of two parts as follows:

1) Hydrant charge

For each hydrant connected to the distribution system

Hydrant
Charge
\$ 19.10 per month

2) Inch-Foot Charge

The number of "inch-foot" units in the distribution system is to be obtained by multiplying the number of linear feet of pipe of each diameter (4" and larger) by the diameter in inches. The total number of "inch-foot" units in the distribution system will be determined as of January 1st each year, and will be the base for computing the "inch-foot" charge for the entire year with one-fourth to be billed each quarter or one-twelfth to be billed each month.

Charge for each "inch-foot" unit to be

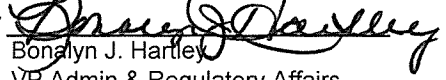
Unit
Charge
\$ 0.13179 per year

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: June 9, 2011

Effective: June 9, 2011

Issued by 
Bonalyn J. Hartley
Title: VP Admin & Regulatory Affairs

Authorized by NHPUC Order No. 25,230 in Docket DW 10-091, dated June 9, 2011

NHPUC NO. 5 WATER

Seventh Revised Page 42

PENNICHUCK WATER WORKS, INC.

Superseding Sixth Revised Page 42

RATE SCHEDULE
PRIVATE FIRE PROTECTION SERVICE
SCHEDULE FP-NM

Availability:

This rate is available for private fire protection and sprinkler service subject to the Private Fire Protection Regulations of paragraph 13 of this tariff.

Character of Service:

The Company will make every effort to maintain normal pressures at all times on the distribution system, but shall not be held liable for the failure of either the supply or distribution division of its system to adequately furnish its normal quantity of water when such failure is due to the elements, natural causes, breaks, leaks, unusual or concurrent droughts, or the waste or unlawful use of water.

Rate:

The charge shall be determined by the size of the pipe entering the property as follows:


	Monthly Customer Charge
4" or smaller connection	\$ 55.88
6" connection	\$ 93.77
8" or larger connection	\$ 138.06

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: June 9, 2011

Issued by


Bonalyn J. Hartley

Effective: June 9, 2011

Title: VP Admin & Regulatory Affairs

Authorized by NHPUC Order No. 25,230 in Docket DW 10-091, dated June 9, 2011

NHPUC NO. 5 WATER

Second Revised Page 57

PENNICHUCK WATER WORKS, INC.

Superseding First Revised Page 57

RATE SCHEDULE
GENERAL SERVICE - NON-METERED

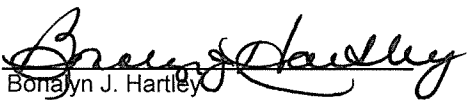
Pennichuck Water Works, Inc. (PWW) will charge current unmetered customers a monthly rate as specified below based on the average single family residential usage as specified below until such time as meters are installed.

Commercial, Industrial and Private Fire Protection customers will be charged an average rate as

PWW will make every effort to install meters in a timely manner and in no such case should these rates remain in force for more than a twelve month period.

	Customer Charge
5/8 inch Meter Charge	\$ 20.34
Volumetric Charge	\$ 3.30
Average Single Family Residential Usage	7.88 CCF
	\$ 26.00
Total Monthly Charge	\$ 46.34
Annually	\$ 556.08

Issued: June 9, 2011

Issued by 
Bonalyn J. Hartley
Title: VP Admin & Regulatory Affairs

Effective: June 9, 2011

Authorized by NHPUC Order No. 25,230 in Docket DW 10-091, dated June 9, 2011

NHPUC NO. 5 - WATER

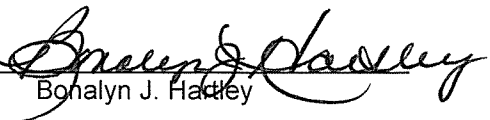
PENNICHUCK WATER WORKS, INC.

SUPPLEMENT NO. 11

TARIFF
for
WATER SERVICE
In
THE STATE OF NEW HAMPSHIRE

Issued: June 9, 2011

Issued by


Bonalyn J. Hatley

Effective: June 9, 2011

Title: Vice Pres. Admin & Regulatory Affairs

Authorized by NHPUC Order No. 25,230 in Docket No. DW 10-091, dated June 9, 2011.

NHPUC NO. 5 WATER

Supplement No. 11

PENNICHUCK WATER WORKS, INC.

Page 1

PERMANENT RATE RECOUPMENT

General Metered Customers and Contract Customers:

General Metered Customers (GM) will be surcharged individually based on customer charge, actual usage, and contract rates. The Company will recoup from General Metered customers for service rendered from June 16, 2010 through bills rendered June 9, 2011 for the incremental difference of Temporary and Permanent Rates. The surcharge will be billed in twelve equal monthly installments as follows:

<u>Customer Class</u>	<u>Total Recoupment</u>
General Metered	\$ 1,087,888.14
Anheuser Busch	\$ 77,231.24
Town of Milford	\$ 16,659.86
Town of Hudson	\$ 31,899.70
Total:	\$ 1,213,678.94

Average recoupment for Residential Customers is \$35.56 per year (\$858,517.58 divided by 24,144 customers) or \$2.96 per month

Private Fire Protection Customers:

Private Fire Protection (PFP) customers will be surcharged based on pipe size. The Company will recoup to PFP customers a refund in twelve equal installments for service rendered from June 16, 2010 through bills rendered June 9, 2011 as follows:

<u>Customer Class</u>	<u>Total Recoupment Credit</u>
Private FP	\$ (70,802.82)

Public Fire Hydrant Customers:

The company will provide a calculation for each municipality based on an amount billed at Temporary rates and the adjusted bill amount at Permanent rates resulting in a surcharge. Public Fire Hydrant Customers will receive a surcharge in twelve equal installments for service rendered from June 16, 2010 through bills rendered June 9, 2011 as follows:

<u>Customer Class</u>	<u>Total Recoupment</u>
Public Fire Hydrant	
City of Nashua	\$ 73,582.42
Town of Bedford	\$ 5,127.86
Town of Merrimack	\$ 2,806.32
Town of Amherst	\$ 10,467.84
Town of Derry	\$ 1,124.69

Issued: June 9, 2011

Issued by: 
Bonaelyn J. Hartley

Effective: June 9, 2011

Title: Vice President Admin & Regulatory Affairs

NHPUC NO. 5 - WATER

PENNICHUCK WATER WORKS, INC.

SUPPLEMENT NO. 11

TARIFF
for
WATER SERVICE
In
THE STATE OF NEW HAMPSHIRE

Issued: October 21, 2011

Issued by 
Bonalyn J. Hanley

Effective: October 21, 2011

Title: Vice Pres. Admin & Regulatory Affairs

Authorized by NHPUC Order No. 25,278 in Docket No. DW 10-091, dated October 21, 2011.

NHPUC NO. 5 WATER

Supplement No. 11

PENNICHUCK WATER WORKS, INC.

Page 1

PERMANENT RATE RECOUPMENT**General Metered Customers and Contract Customers:**

General Metered Customers (GM) will be surcharged individually based on customer charge, actual usage, and contract rates. The Company will recoup from General Metered customers for service rendered from June 16, 2010 through bills rendered June 9, 2011 for the incremental difference of Temporary and Permanent Rates. The surcharge will be billed in twelve equal monthly installments as follows:

<u>Customer Class</u>	<u>Total Recoupment</u>
General Metered	\$ 1,087,888.14
Anheuser Busch	\$ 77,231.24
Town of Milford	\$ 16,659.86
Town of Hudson	\$ 31,899.70
Total:	\$ 1,213,678.94

Average recoupment for Residential Customers is \$35.56 per year (\$858,517.58 divided by 24,144 customers) or \$2.96 per month

Private Fire Protection Customers:

Private Fire Protection (PFP) customers will be surcharged based on pipe size. The Company will recoup to PFP customers a refund in twelve equal installments for service rendered from June 16, 2010 through bills rendered June 9, 2011 as follows:

<u>Customer Class</u>	<u>Total Recoupment Credit</u>
Private FP	\$ (70,802.82)

Public Fire Hydrant Customers:

The company will provide a calculation for each municipality based on an amount billed at Temporary rates and the adjusted bill amount at Permanent rates resulting in a surcharge. Public Fire Hydrant Customers will receive a surcharge in twelve equal installments for service rendered from June 16, 2010 through bills rendered June 9, 2011 as follows:

<u>Customer Class</u>	<u>Total Recoupment</u>
Public Fire Hydrant	
City of Nashua	\$ 73,582.42
Town of Bedford	\$ 5,127.86
Town of Merrimack	\$ 2,806.32
Town of Amherst	\$ 10,467.84
Town of Derry	\$ 1,124.69

Issued: October 21, 2011Issued by: 
Bonalyn J. HartleyEffective: October 21, 2011Title: Vice President Admin & Regulatory Affairs

Authorized by NHPUC Order No. 25,278 in Docket No. DW 10-091, dated October 21, 2011

NHPUC NO. 5 – WATER

PENNICHUCK WATER WORKS, INC.

SUPPLEMENT NO. 12

TARIFF


FOR

WATER SERVICE

In

THE STATE OF NEW HAMPSHIRE

Issued: October 21, 2011

Issued by 
Bonalyn J. Hartley

Effective: October 21, 2011

Title: VP, Admin. & Regulatory Affairs

Authorized by NHPUC Order No. 25,278 in Docket No. DW 10-091 dated October 21, 2011

NHPUC NO. 5 WATER

Supplement No. 12

PENNICHUCK WATER WORKS, INC.

Page 1

Recovery of Rate Case Expenses


Pennichuck Water Works, Inc. will recoup by surcharge its rate case expense from its customers in the amount of \$114,066.08 to be recovered from 26,438 customer accounts or \$0.36 per customer over 12 months as shown below:

Rates:

	<u>No. Customers</u>	<u>Surcharge</u>
Pennichuck Water Works, Inc.	26,438	\$0.36 per month for 12 months

Issued: October 21, 2011

Issued by


Bonalyn J. Hartley

Effective: October 21, 2011

Title: VP, Admin. & Regulatory Affairs

Authorized by NHPUC Order No. 25,278 in Docket No. DW 10-091 dated October 21, 2011

NHPUC NO. 6 Water
PENNICHUCK WATER WORKS, INC.

Original Page 48

WATER INFRASTRUCTURE AND CONSERVATION ADJUSTMENT

In addition to the net charges provided for in this Tariff, a Water Infrastructure and Conservation Adjustment ("WICA") surcharge of *TBD*% will apply to all bills issued on or after April 1, 2014.

I. General Description

Purpose: To recover the fixed costs (depreciation, property taxes and pre-tax return) of certain Commission-approved non-revenue producing system improvement projects completed and placed in service and to be recorded in the individual accounts, as noted below, between base rate cases. In addition, WICA provides the Company with the resources to accelerate asset replacement for infrastructure for the purpose of improving or protecting water quality and the reliability of service and to comply with evolving regulatory requirements imposed by the Safe Drinking Water Act.

Eligible Property: The WICA-eligible property will consist of the following:

services (account 333), and hydrants (account 335) installed as in-kind (i.e., same size) replacements for customers;

mains and valves (account 331) installed as replacements for existing facilities that have either reached the end of their useful life, are worn out or are in deteriorated condition,

main cleaning and re-lining projects and relocations that are non-reimbursable (account 331);

replacement of pressure reducing valves (accounts 309, 331);

II. Computation of the WICA

Calculation: The initial charge, effective April 1, 2014, will be calculated to recover the fixed costs of eligible plant additions that have not previously been reflected in the Company's rate base and will have been placed in service between January 1, 2013 and December 31, 2013. Thereafter, the WICA will be updated on an annual basis to reflect eligible plant additions placed in service during the twelve month period ending three months prior to the effective date of each WICA update. Thus, changes in the WICA rate will occur as follows:

Issued: June 14, 2013

Issued by: Donald L. Ware
Donald L. Ware

Effective: June 14, 2013

Title: Chief Operating Officer

Original Page 49

NHPUC NO.6 Water
PENNICHUCK WATER WORKS, INC

<u>Effective Date Of WICA Change</u>	<u>Date To Which WICA Eligible Plant Additions Reflected</u>
April 1, 2014	December 31, 2013

The fixed costs of eligible infrastructure system improvement projects will consist of depreciation, property taxes and pre-tax return, calculated as follows:

Depreciation: The depreciation expense will be calculated by applying the depreciation rates employed in the Company's last base rate case for the plant accounts to the original cost of WICA-eligible property minus the corresponding retirement unit recorded.

Property Taxes: For the first year that a WICA for any particular project is in effect, the property tax expense will reflect an estimate of the tax expense for such projects based on the tax rate then in effect. If such property taxes will be due for only a portion of the calendar year, then the WICA for the first year shall reflect only the property taxes projected to be paid. For the second and subsequent years that a WICA for those projects is in effect, the WICA shall be determined using the taxes due and owing for such projects based on the tax bill for a full tax year. The WICA shall not be adjusted in subsequent years, regardless of any change in the taxes originally assessed.

Pre-tax return: The pre-tax return will be calculated using the state and federal income tax rates. The cost of equity and debt will be the rates approved in the Company's last base rate case, DW 10-091, or a subsequent docket.

WICA Surcharge Amount: The charge will be expressed as a percentage carried to four decimal places and will be applied to the effective portion of the total amount billed to each customer under the Company's otherwise applicable rates and charges.

Formula: The formula for calculation of the WICA surcharge is as follows:

$$\text{WICA} = \frac{(\text{ISI} \times \text{PTRR}) + \text{Dep} + \text{PT}}{\text{BRWR}}$$

Where:

ISI= the original cost to the Company of eligible infrastructure system improvement projects.

Issued: June 14, 2013

Issued by: Donald L. Ware
Donald L. Ware

Effective: June 14, 2013

Title: Chief Operating Officer

NHPUC NO. 6 Water
PENNICHUCK WATER WORKS, INC

Original Page 50

PTRR= the pre-tax return rate applicable to eligible infrastructure system improvement projects.

Dep= annual depreciation expense related to eligible infrastructure system improvement projects.

PT= annual property taxes related to eligible infrastructure system improvement projects.

BRWR= base retail water revenues as approved by the Commission in the Company's last rate proceeding, DW 10-091, or a subsequent docket.

Annual updates: Supporting data for each annual update will be filed with the Commission and the Office of Consumer Advocate sixty (60) days prior to the effective date of the update.

III. Safeguards

Cap: The amount of the WICA applied between general rate case filings shall not exceed seven and one-half percent (7.5%) of the Company's annual retail water revenues as approved in its most recent rate filing, and shall not exceed two percent (2%) of such revenues for any twelve-month period.

Audits: The WICA will be subject to audit prior to the determination by the Commission.

New Base Rates: The WICA charge will be reset at zero as of the effective date of new base rates that provide for prospective recovery of the annual costs that had theretofore been recovered under the WICA. Thereafter, only the fixed costs of new eligible plant additions, that have not previously been reflected in the Company's rate base, would be reflected in the annual updates of the WICA.

Customer Notice: Customers shall be notified of changes in the WICA by including appropriate information on the first bill they receive following any change. An explanatory bill insert shall also be included with the first billing. Before sending, the Company will review the notice with the Commission's Consumer Affairs division.

Issued: June 14, 2013

Issued by: Donald L. Ware
Donald L. Ware

Effective: June 14, 2013

Title: Chief Operating Officer

NHPUC NO. 6 WATER

Temporary First Revised Page 43

PENNICHUCK WATER WORKS, INC.

Superseding Original Page 43

TEMPORARY RATE SCHEDULE
GENERAL SERVICE - METERED
SCHEDULE G-M

Availability:

The rate is available for metered water service in the franchised area subject to the terms and conditions of this tariff.

Character of Service:

Nashua Core System: Water is fully treated, filtered, and purified and is transmitted by gravity and pumps to the individual service pipes.

Community Water Systems: Water is ground water from a well site. Water quality meets or exceeds all federal and state standards for drinking water. Outdoor use of water may be restricted during dry summer periods.

Rate:

A minimum customer charge shall be made for each customer whom service is rendered under this tariff, based on the meter size shown below:

<u>Meter Size</u>	<u>Monthly Customer Charge</u>	<u>Temporary Monthly Customer Charge</u>
5/8"	\$ 20.34	\$ 20.34
3/4"	29.28	\$ 29.28
1"	47.16	\$ 47.16
1 1/2"	91.91	\$ 91.91
2"	150.47	\$ 150.47
3"	275.93	\$ 275.93
4"	455.09	\$ 455.09
6"	903.02	\$ 903.02
8"	1,440.68	\$ 1,440.68
10"	2,067.77	\$ 2,067.77

Volumetric:

In addition to the standard customer charge, the monthly volumetric charge based on usage will be as follows:

Volumetric Charge: \$ 3.30 per 100 cu. Ft.

Temporary Volumetric Charge: \$ 3.30 per 100 cu. Ft.

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: November 22, 2013

Issued by Donald L. Ware

Donald L. Ware

Effective: November 22, 2013

Title: Chief Operating Officer

Authorized by NHPUC Order 25,598 in Docket no. DW 13-130 dated November 22, 2013

NHPUC NO. 6 WATER

Temporary First Revised Page 44

PENNICHUCK WATER WORKS, INC.

Superseding Original Page 44

TEMPORARY RATE SCHEDULE
MUNICIPAL FIRE PROTECTION SERVICE
SCHEDULE FP-M

Availability:

This rate is applicable to general fire protection.

Character of Service:

The Company will make every effort to maintain normal pressures at all times on the distribution system, but shall not be held liable for the failure of either the supply or distribution division of its system to adequately furnish its normal quantity of water when such failure is due to the elements, natural causes, breaks, leaks, unusual or concurrent droughts, or the waste or unlawful use of water.

Rate:

The charge shall be made up of two parts as follows:

1) Hydrant charge

For each hydrant connected to the distribution system

Hydrant
Charge

\$ 19.10 per month

Temporary
Hydrant
Charge

\$ 19.10 per month

2) Inch-Foot Charge

The number of "inch-foot" units in the distribution system is to be obtained by multiplying the number of linear feet of pipe of each diameter (4" and larger) by the diameter in inches. The total number of "inch-foot" units in the distribution system will be determined as of January 1st each year, and will be the base for computing the "inch-foot" charge for the entire year with one-fourth to be billed each quarter or one-twelfth to be billed each month.

Charge for each "inch-foot" unit to be

Inch-Foot
Charge

\$ 0.13179 per year

Temporary
Inch-Foot
Charge

\$ 0.13179 per year

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: November 22, 2013

Issued by Donald L. Ware
Donald L. Ware
Title: Chief Operating Officer

Effective: November 22, 2013

Authorized by NHPUC Order 25,598 in Docket no. DW 13-130 dated November 22, 2013

NHPUC NO. 6 WATER

Temporary First Revised Page 45

PENNICHUCK WATER WORKS, INC.

Superseding Original Page 45

TEMPORARY RATE SCHEDULE
PRIVATE FIRE PROTECTION SERVICE
SCHEDULE FP-NM

Availability:

This rate is available for private fire protection and sprinkler service subject to the Private Fire Protection Regulations of paragraph 13 of this tariff.

Character of Service:

The Company will make every effort to maintain normal pressures at all times on the distribution system, but shall not be held liable for the failure of either the supply or distribution division of its system to adequately furnish its normal quantity of water when such failure is due to the elements, natural causes, breaks, leaks, unusual or concurrent droughts, or the waste or unlawful use of water.

Rate:

The charge shall be determined by the size of the pipe entering the property as follows:

	Monthly Customer Charge	Temporary Monthly Customer Charge
4" or smaller connection	\$ 55.88	\$ 55.88
6" connection	93.77	\$ 93.77
8" or larger connection	138.06	\$ 138.06

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: November 22, 2013

Issued by


Donald L. Ware

Effective: November 22, 2013

Title: Chief Operating Officer

Authorized by NHPUC Order 25,598 in Docket no. DW 13-130 dated November 22, 2013

NHPUC NO. 6 WATER

Temporary First Revised Page 47

PENNICHUCK WATER WORKS, INC.

Superseding Original Page 47

TEMPORARY RATE SCHEDULE
GENERAL SERVICE - NON-METERED

Pennichuck Water Works, Inc. (PWW) will charge current unmetered customers a monthly rate as specified below based on the average single family residential usage as specified below until such time as meters are installed.

Commercial, Industrial and Private Fire Protection customers will be charged an average rate as calculated for a similar customer in PWW.

PWW will make every effort to install meters in a timely manner and in no such case should these rates remain in force for more than a twelve month period.

	Customer Charge	Temporary Customer Charge
5/8 inch Meter Charge	\$ 20.34	\$ 20.34
Volumetric Charge	\$ 2.90	\$ 3.30
Average Single Family Residential Usage	7.88 CCF	8.58 CCF
	<u>\$ 26.00</u>	<u>\$ 28.31</u>
Total Monthly Charge	<u>\$ 46.34</u>	<u>\$ 48.65 (I)</u>
Annually	<u>\$ 556.08</u>	<u>\$ 583.80</u>

Issued: November 22, 2013

Issued by



Donald L. Ware

Effective: November 22, 2013

Title: Chief Operating Officer

Authorized by NHPUC Order 25,598 in Docket no. DW 13-130 dated November 22, 2013

NHPUC NO. 6 WATER

First Revised Page 43

PENNICHUCK WATER WORKS, INC.

Superseding Original Page 43

RATE SCHEDULES
GENERAL SERVICE - METERED
SCHEDULE G-M

Availability:

The rate is available for metered water service in the franchised area subject to the terms and conditions of this tariff.

Character of Service:

Nashua Core System: Water is fully treated, filtered, and purified and is transmitted by gravity and pumps to the individual service pipes.

Community Water Systems: Water is ground water from a well site. Water quality meets or exceeds all federal and state standards for drinking water. Outdoor use of water may be restricted during dry summer periods.

Rate:

A minimum customer charge shall be made for each customer whom service is rendered under this tariff, based on the meter size shown below:

<u>Meter Size</u>	<u>Monthly Customer Charge</u>
5/8"	\$ 20.34
3/4"	29.28
1"	47.16
1 1/2"	91.91
2"	150.47
3"	275.93
4"	455.09
6"	903.02
8"	1,440.68
10"	2,067.77

Volumetric:

In addition to the standard customer charge, the monthly volumetric charge based on usage will be as follows:

Volumetric Charge: \$ 3.30 per 100 cu. Ft.

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: July 15, 2014

Issued by 
Donald L. Ware

Effective: July 15, 2014

Title: Chief Operating Officer

Authorized by NHPUC Order 25,693 in Docket no. DW 13-130 dated July 15, 2014

NHPUC NO. 6 WATER

First Revised Page 44

PENNICHUCK WATER WORKS, INC.

Superseding Original Page 44

RATE SCHEDULES
MUNICIPAL FIRE PROTECTION SERVICE
SCHEDULE FP-M

Availability:

This rate is applicable to general fire protection.

Character of Service:

The Company will make every effort to maintain normal pressures at all times on the distribution system, but shall not be held liable for the failure of either the supply or distribution division of its system to adequately furnish its normal quantity of water when such failure is due to the elements, natural causes, breaks, leaks, unusual or concurrent droughts, or the waste or unlawful use of water.

Rate:

The charge shall be made up of two parts as follows:

1) Hydrant charge

For each hydrant connected to the distribution system

Hydrant

Charge

\$ 19.10 per month

2) Inch-Foot Charge

The number of "inch-foot" units in the distribution system is to be obtained by multiplying the number of linear feet of pipe of each diameter (4" and larger) by the diameter in inches. The total number of "inch-foot" units in the distribution system will be determined as of January 1st each year, and will be the base for computing the "inch-foot" charge for the entire year with one-fourth to be billed each quarter or one-twelfth to be billed each month.

Charge for each "inch-foot" unit to be

Inch-Foot

Charge

\$ 0.13179 per year

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: July 15, 2014

Issued by 
Donald L. Ware
Title: Chief Operating Officer

Effective: July 15, 2014

Authorized by NHPUC Order 25,693 in Docket no. DW 13-130 dated July 15, 2014

NHPUC NO. 6 WATER

First Revised Page 45

PENNICHUCK WATER WORKS, INC.

Superseding Original Page 45

RATE SCHEDULES
PRIVATE FIRE PROTECTION SERVICE
SCHEDULE FP-NM

Availability:

This rate is available for private fire protection and sprinkler service subject to the Private Fire Protection Regulations of paragraph 13 of this tariff.

Character of Service:

The Company will make every effort to maintain normal pressures at all times on the distribution system, but shall not be held liable for the failure of either the supply or distribution division of its system to adequately furnish its normal quantity of water when such failure is due to the elements, natural causes, breaks, leaks, unusual or concurrent droughts, or the waste or unlawful use of water.

Rate:


The charge shall be determined by the size of the pipe entering the property as follows:

	Monthly Customer Charge
4" or smaller connection	\$ 55.88
6" connection	93.77
8" or larger connection	138.06

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: July 15, 2014

Issued by 
Donald L. Ware
Title: Chief Operating Officer

Effective: July 15, 2014

Authorized by NHPUC Order 25,693 in Docket no. DW 13-130 dated July 15, 2014

NHPUC NO. 6 WATER

First Revised Page 47

PENNICHUCK WATER WORKS, INC.

Superseding Original Page 47

RATE SCHEDULES
GENERAL SERVICE - NON-METERED

Pennichuck Water Works, Inc. (PWW) will charge current unmetered customers a monthly rate as specified below based on the average single family residential usage as specified below until such time as meters are installed.

Commercial, Industrial and Private Fire Protection customers will be charged an average rate as calculated for a similar customer in PWW.

PWW will make every effort to install meters in a timely manner and in no such case should these rates remain in force for more than a twelve month period.

<u>Customer Charge</u>	
5/8 inch Meter Charge	\$ 20.34
Volumetric Charge	\$ 3.30
Average Single Family Residential Usage	8.58 CCF
	<u>\$ 28.31</u>
Total Monthly Charge	<u>\$ 48.65</u>
Annually	<u>\$ 583.80</u>

Issued: July 15, 2014

Effective: July 15, 2014

Issued by 
Donald L. Ware
Title: Chief Operating Officer

Authorized by NHPUC Order 25,693 in Docket no. DW 13-130 dated July 15, 2014

NHPUC NO. 6 - WATER

PENNICHUCK WATER WORKS, INC.

SUPPLEMENT NO. 1

TARIFF
for
WATER SERVICE
In
THE STATE OF NEW HAMPSHIRE

Issued: January 13, 2015

Issued by 
Larry D. Goodhue

Effective: January 13, 2015

Title: CFO, Treasurer and Controller

Authorized by NHPUC Order No. 25,752 in Docket No. DW 13-130, dated January 13, 2015

NHPUC NO. 6 WATER

Supplement No. 1

PENNICHUCK WATER WORKS, INC.

Page 1

Recovery of Rate Case Expenses

Pennichuck Water Works, Inc. will recoup by surcharge its rate case expense from its customers in the amount of \$104,104.28 to be recovered from 27,632 customer accounts or \$0.32 per customer over 12 months as shown below:

Rates:

	<u>No. Customers</u>	<u>Surcharge</u>
Pennichuck Water Works, Inc.	27,632	\$0.32 per month for 12 months

Issued: January 13,

Issued by 
Larry D. Goodhue

Effective: January 13, 2015

Title: CFO, Treasurer and Controller

Authorized by NHPUC Order No. 25,752 in Docket No. DW 13-130, dated January 13, 2015

NHPUC NO. 6 Water
PENNICHUCK WATER WORKS, INC.

First Revised Page 48
Superseding Original Page 48

WATER INFRASTRUCTURE AND CONSERVATION ADJUSTMENT

In addition to the net charges provided for in this Tariff, a Water Infrastructure and Conservation Adjustment ("WICA") surcharge of 0.67% will apply to all bills issued on or after June 1, 2014 for service rendered on or after April 1, 2014.

I. General Description

Purpose: To recover the fixed costs (depreciation, property taxes and pre-tax return) of certain Commission-approved non-revenue producing system improvement projects completed and placed in service and to be recorded in the individual accounts, as noted below, between base rate cases. In addition, WICA provides the Company with the resources to accelerate asset replacement for infrastructure for the purpose of improving or protecting water quality and the reliability of service and to comply with evolving regulatory requirements imposed by the Safe Drinking Water Act.

Eligible Property: The WICA-eligible property will consist of the following:

services (account 333), and hydrants (account 335) installed as in-kind (i.e., same size) replacements for customers;

mains and valves (account 331) installed as replacements for existing facilities that have either reached the end of their useful life, are worn out or are in deteriorated condition,

main cleaning and re-lining projects and relocations that are non-reimbursable (account 331);

replacement of pressure reducing valves (accounts 309, 331);

II. Computation of the WICA

Calculation: The initial charge, effective June 1, 2014 for service rendered on or after after April 1, 2014, will be calculated to recover the fixed costs of eligible plant additions that have not previously been reflected in the Company's rate base and will have been placed in service between January 1, 2013 and December 31, 2013. Thereafter, the WICA will be updated on an annual basis to reflect eligible plant additions placed in service during the twelve month period ending four months prior to the effective date of each WICA update, which will be on May 1. Thus, changes in the WICA rate will occur as follows:

Issued: May 28, 2014

Issued by: Donald L. Ware
Donald L. Ware

Effective: June 1, 2014

Title: Chief Operating Officer

NHPUC NO.6 Water
PENNICHUCK WATER WORKS, INC

First Revised Page 49

Superseding Original Page 49

Effective Date
Of WICA Change

May 1

Date To Which WICA Eligible
Plant Additions Reflected

December 31

The fixed costs of eligible infrastructure system improvement projects will consist of depreciation, property taxes and pre-tax return, calculated as follows:

Depreciation: The depreciation expense will be calculated by applying the depreciation rates employed in the Company's last base rate case for the plant accounts to the original cost of WICA-eligible property minus the corresponding retirement unit recorded.

Property Taxes: For the first year that a WICA for any particular project is in effect, the property tax expense will reflect an estimate of the tax expense for such projects based on the tax rate then in effect. If such property taxes will be due for only a portion of the calendar year, then the WICA for the first year shall reflect only the property taxes projected to be paid. For the second and subsequent years that a WICA for those projects is in effect, the WICA shall be determined using the taxes due and owing for such projects based on the tax bill for a full tax year. The WICA shall not be adjusted in subsequent years, regardless of any change in the taxes originally assessed.

Pre-tax return: The pre-tax return will be calculated using the state and federal income tax rates. The cost of equity and debt will be the rates approved in the Company's last base rate case, DW 10-091, or a subsequent docket.

WICA Surcharge Amount: The charge will be expressed as a percentage carried to four decimal places and will be applied to the effective portion of the total amount billed to each customer under the Company's otherwise applicable rates and charges.

Formula: The formula for calculation of the WICA surcharge is as follows:

$$\text{WICA} = \frac{(\text{ISI} \times \text{PTRR}) + \text{Dep} + \text{PT}}{\text{BRWR}}$$

Where:

ISI= the original cost to the Company of eligible infrastructure system improvement projects.

Issued: May 28, 2014

Issued by: 
Donald L. Ware

Effective: June 1, 2014

Title: Chief Operating Officer

NHPUC NO. 6 Water
PENNICHUCK WATER WORKS, INC

First Revised Page 50
Superseding Original Page 50

PTRR= the pre-tax return rate applicable to eligible infrastructure system improvement projects.

Dep= annual depreciation expense related to eligible infrastructure system improvement projects.

PT= annual property taxes related to eligible infrastructure system improvement projects.

BRWR= base retail water revenues as approved by the Commission in the Company's last rate proceeding, DW 10-091, or a subsequent docket.

Annual updates: Supporting data for each annual update will be filed with the Commission and the Office of Consumer Advocate ninety (90) days prior to the effective date of the update.

III. Safeguards

Cap: The amount of the WICA applied between general rate case filings shall not exceed seven and one-half percent (7.5%) of the Company's annual retail water revenues as approved in its most recent rate filing, and shall not exceed two percent (2%) of such revenues for any twelve-month period.

Audits: The WICA will be subject to audit prior to the determination by the Commission.

New Base Rates: The WICA charge will be reset at zero as of the effective date of new base rates that provide for prospective recovery of the annual costs that had theretofore been recovered under the WICA. Thereafter, only the fixed costs of new eligible plant additions, that have not previously been reflected in the Company's rate base, would be reflected in the annual updates of the WICA.

Customer Notice: At least thirty (30) days in advance of a WICA filing, the Company will inform Customers of the filing by including a message on bills. Customers shall be notified of changes in the WICA by including appropriate information on the first bill they receive following any change.

Issued: May 28, 2014

Issued by: 
Donald L. Ware

Effective: June 1, 2014

Title: Chief Operating Officer

NHPUC NO. 6 Water
PENNICHUCK WATER WORKS, INC

Notice of Project Substitution: If, after the Company has received Commission approval for Year 1 projects, because of changed circumstances or significant new information the Company plans to undertake projects in Year 1 that were not included on the list of approved WICA projects for that year or it has decided not to proceed with one or more projects that were included on the Commission-approved list, it shall promptly notify the Commission and all parties to the proceeding in which the list of WICA projects was approved that the Company plans to add to or delete projects and the reason for the proposed changes.

Issued: May 28, 2014

Issued by: 
Donald L. Ware

Effective: June 1, 2014

Title: Chief Operating Officer

NHPUC NO. 6 Water
PENNICHUCK WATER WORKS, INC.

Second Revised Page 48

WATER INFRASTRUCTURE AND CONSERVATION ADJUSTMENT

In addition to the net charges provided for in this Tariff, a Water Infrastructure and Conservation Adjustment ("WICA") surcharge of 1.81% will apply to all bills issued on or after June 1, 2015.

I. General Description

Purpose: To recover the fixed costs (depreciation, property taxes and pre-tax return) of certain Commission-approved non-revenue producing system improvement projects completed and placed in service and to be recorded in the individual accounts, as noted below, between base rate cases. In addition, WICA provides the Company with the resources to accelerate asset replacement for infrastructure for the purpose of improving or protecting water quality and the reliability of service and to comply with evolving regulatory requirements imposed by the Safe Drinking Water Act.

Eligible Property: The WICA-eligible property will consist of the following:

Services (account 333), and hydrants (account 335) installed as in-kind (i.e., same size) replacements for customers;

Mains and valves (account 331) installed as replacements for existing facilities that have either reached the end of their useful life, are worn out or are in deteriorated condition,

Main cleaning and re-lining projects and relocations that are non-reimbursable (account 331);

Replacement of pressure reducing valves (accounts 309, 331);

II. Computation of the WICA

Calculation: The charge effective for all bills issued on or after June 1, 2015, will be calculated to recover the fixed costs of eligible plant additions not previously reflected in the Company's rate base and placed in service between January 1, 2013 and December 31, 2014. Thereafter, the WICA will be updated on an annual basis to reflect eligible plant additions placed in service during the prior calendar year. Thus, changes in the WICA rate will occur as follows:

Issued: June 1, 2015
Effective: June 1, 2015

Issued by: Donald L. Ware
Name: Donald L. Ware
Title: Chief Operating Officer

NHPUC NO. 6 Water
PENNICHUCK WATER WORKS, INC.

Second Revised Page 49

Effective Date
of WICA Change

Date To Which WICA Eligible
Plant Additions Reflected

June 1

December 31

The fixed costs of eligible infrastructure system improvement projects will consist of depreciation, property taxes and pre-tax return, calculated as follows:

Depreciation: The depreciation expense will be calculated by applying the depreciation rates employed in the Company's last base rate case for the plant accounts to the original cost of WICA-eligible property minus the corresponding retirement unit recorded, and giving consideration for any applicable cost of removal on a project by project basis.

Property Taxes: For the first year that a WICA for any particular project is in effect, the property tax expense will reflect an estimate of the tax expense for such projects based on the tax rate then in effect times the year ending net book value of the eligible WICA infrastructure improvement projects. If such property taxes will be due for only a portion of the calendar year, then the WICA for the first year shall reflect only the property taxes projected to be paid. For the second and subsequent years that a WICA for those projects is in effect, the WICA shall be determined using the property tax rate in effect at the end of the most recent year completed (the "tax rate"), and shall be applied to the cumulative year ending net book value of all eligible WICA projects included from the first year thru the end of the current year.

Pre-tax return: The pre-tax return will be calculated using the state and federal income tax rates. The cost of equity and debt will be the rates approved in the Company's last base rate case, DW 13-130, or a subsequent docket.

WICA Surcharge Amount: The charge will be expressed as a percentage carried to two decimal places and will be applied to the effective portion of the total amount billed to each customer under the Company's otherwise applicable rates and charges.

Issued: June 1, 2015
Effective: June 1, 2015

Issued by: Donald L. Ware
Name: Donald L. Ware
Title: Chief Operating Officer

NHPUC NO. 6 Water
PENNICHUCK WATER WORKS, INC.

Second Revised Page 50

Formula: The formula for calculation of the WICA surcharge is as follows:

$$\text{WICA} = \frac{(\text{ISI} \times \text{PTRR}) + \text{Dep} + \text{PT}}{\text{BRWR}}$$

Where:

ISI = the original cost to the Company of eligible infrastructure system improvement projects less accumulated depreciation.

PTRR= the pre-tax return rate applicable to eligible infrastructure system improvement projects.

Dep = annual depreciation expense related to eligible infrastructure system improvement projects.

PT = annual property taxes related to eligible infrastructure system improvement projects.

BRWR= base retail water revenues as approved by the Commission in the Company's last rate proceeding, DW 10-091, or a subsequent docket.

Annual updates: Supporting data for each annual update will be filed with the Commission and the Office of Consumer Advocate no later than January 31.

III. Safeguards

Cap: The amount of the WICA applied between general rate case filings shall not exceed seven and one-half percent (7.5%) of the Company's annual retail water revenues as approved in its most recent rate filing, and shall not exceed two percent (2%) of such revenues for any twelve-month period.

Issued: June 1, 2015

Effective: June 1, 2015

Issued by: 

Name: Donald L. Ware

Title: Chief Operating Officer

NHPUC NO. 6 Water
PENNICHUCK WATER WORKS, INC

First Revised Page 51

Audits: The WICA will be subject to audit prior to the determination by the Commission.

New Base Rates: The WICA charge will be reset at zero as of the effective date of new base rates that provide for prospective recovery of the annual costs that had theretofore been recovered under the WICA. Thereafter, only the fixed costs of new eligible plant additions that have not previously been reflected in the Company's rate base would be reflected in the annual updates of the WICA.

Customer Notice: At least thirty (30) days in advance of a WICA filing, the Company will notify Customers of the filing by including an explanatory bill insert with the bills. Before sending, the Company will review the notice with the Commission's Consumer Affairs division. Customers shall also be notified of changes in the WICA by including appropriate information with the first bill they receive following any change.

Notice of Project Substitution: If, after the Company has received Commission approval for Year 1 projects, because of changed circumstances or significant new information the Company plans to undertake projects in Year 1 that were not included on the list of approved WICA projects for that year or it has decided not to proceed with one or more projects that were included on the Commission-approved list, it shall notify the Commission and all parties to the proceeding in which the list of WICA projects was approved that the Company plans to add to or delete projects and the reason for the proposed changes, in accordance with the following schedule. The Company will submit updates for approved WICA projects for that year, based upon information known on a year-to-date basis, from the beginning of the year through the following effective dates, on the associated reporting dates:


Effective Date

March 31
June 30
September 30
November 30

Reporting Date

April 15
July 15
October 15
December 15

Issued: June 1, 2015
Effective: June 1, 2015

Issued by: 
Name: Donald L. Ware
Title: Chief Operating Officer

NHPUC NO. 6 Water
PENNICHUCK WATER WORKS, INC.

Third Revised Page 48
Superseding Second Revised Page 48

WATER INFRASTRUCTURE AND CONSERVATION ADJUSTMENT

In addition to the net charges provided for in this Tariff, a Water Infrastructure and Conservation Adjustment ("WICA") surcharge of 3.03% will apply to all bills issued on or after June 1, 2016.

I. General Description

Purpose: To recover the fixed costs (depreciation, property taxes and pre-tax return) of certain Commission-approved non-revenue producing system improvement projects completed and placed in service and to be recorded in the individual accounts, as noted below, between base rate cases. In addition, WICA provides the Company with the resources to accelerate asset replacement for infrastructure for the purpose of improving or protecting water quality and the reliability of service and to comply with evolving regulatory requirements imposed by the Safe Drinking Water Act.

Eligible Property: The WICA-eligible property will consist of the following:

Services (account 333), and hydrants (account 335) installed as in-kind (i.e., same size) replacements for customers;

Mains and valves (account 331) installed as replacements for existing facilities that have either reached the end of their useful life, are worn out or are in deteriorated condition,


Main cleaning and re-lining projects and relocations that are non-reimbursable (account 331);

Replacement of pressure reducing valves (accounts 309, 331);

II. Computation of the WICA

Calculation: The charge effective for all bills issued on or after June 1, 2016, will be calculated to recover the fixed costs of eligible plant additions not previously reflected in the Company's rate base and placed in service between January 1, 2013 and December 31, 2015. Thereafter, the WICA will be updated on an annual basis to reflect eligible plant additions placed in service during the prior calendar year. Thus, changes in the WICA rate will occur as follows:

Issued: June 1, 2016
Effective: June 1, 2016

Issued by: 
Name: Donald L. Ware
Title: Chief Operating Officer

Effective Date
of WICA Change

June 1

Date To Which WICA Eligible
Plant Additions Reflected

December 31

The fixed costs of eligible infrastructure system improvement projects will consist of depreciation, property taxes and pre-tax return, calculated as follows:

Depreciation: The depreciation expense will be calculated by applying the depreciation rates employed in the Company's last base rate case for the plant accounts to the original cost of WICA-eligible property minus the corresponding retirement unit recorded, and giving consideration for any applicable cost of removal on a project by project basis.

Property Taxes: For the first year that a WICA for any particular project is in effect, the property tax expense will reflect an estimate of the tax expense for such projects based on the tax rate then in effect times the year ending net book value of the eligible WICA infrastructure improvement projects. If such property taxes will be due for only a portion of the calendar year, then the WICA for the first year shall reflect only the property taxes projected to be paid. For the second and subsequent years that a WICA for those projects is in effect, the WICA shall be determined using the property tax rate in effect at the end of the most recent year completed (the "tax rate"), and shall be applied to the cumulative year ending net book value of all eligible WICA projects included from the first year thru the end of the current year.

Pre-tax return: The pre-tax return will be calculated using the state and federal income tax rates. The cost of equity and debt will be the rates approved in the Company's last base rate case, DW 10-091, or a subsequent docket.

WICA Surcharge Amount: The charge will be expressed as a percentage carried to two decimal places and will be applied to the effective portion of the total amount billed to each customer under the Company's otherwise applicable rates and charges.

Issued: June 1, 2016
Effective: June 1, 2016

Issued by: Donald L. Ware
Name: Donald L. Ware
Title: Chief Operating Officer

Formula: The formula for calculation of the WICA surcharge is as follows:

$$\text{WICA} = \frac{(\text{ISI} \times \text{PTRR}) + \text{Dep} + \text{PT}}{\text{BRWR}}$$

Where:

ISI = the original cost to the Company of eligible infrastructure system improvement projects less accumulated depreciation.

PTRR= the pre-tax return rate applicable to eligible infrastructure system improvement projects.

Dep = annual depreciation expense related to eligible infrastructure system improvement projects.

PT = annual property taxes related to eligible infrastructure system improvement projects.

BRWR= base retail water revenues as approved by the Commission in the Company's last rate proceeding, DW 10-091, or a subsequent docket.

Annual updates: Supporting data for each annual update will be filed with the Commission and the Office of Consumer Advocate no later than January 31.

III. Safeguards

Cap: The amount of the WICA applied between general rate case filings shall not exceed seven and one-half percent (7.5%) of the Company's annual retail water revenues as approved in its most recent rate filing, and shall not exceed two percent (2%) of such revenues for any twelve-month period.

Issued: June 1, 2016
Effective: June 1, 2016

Issued by: Donald L. Ware
Name: Donald L. Ware
Title: Chief Operating Officer

NHPUC NO. 6 Water
PENNICHUCK WATER WORKS, INC.

Second Revised Page 51
Superseding First Revised Page 51

Audits: The WICA will be subject to audit prior to the determination by the Commission.

New Base Rates: The WICA charge will be reset at zero as of the effective date of new base rates that provide for prospective recovery of the annual costs that had theretofore been recovered under the WICA. Thereafter, only the fixed costs of new eligible plant additions that have not previously been reflected in the Company's rate base would be reflected in the annual updates of the WICA.

Customer Notice: At least thirty (30) days in advance of a WICA filing, the Company will notify Customers of the filing by including an explanatory bill insert with the bills. Before sending, the Company will review the notice with the Commission's Consumer Affairs division. Customers shall also be notified of changes in the WICA by including appropriate information with the first bill they receive following any change.

Notice of Project Substitution: If, after the Company has received Commission approval for Year 1 projects, because of changed circumstances or significant new information the Company plans to undertake projects in Year 1 that were not included on the list of approved WICA projects for that year or it has decided not to proceed with one or more projects that were included on the Commission-approved list, it shall notify the Commission and all parties to the proceeding in which the list of WICA projects was approved that the Company plans to add to or delete projects and the reason for the proposed changes, in accordance with the following schedule. The Company will submit updates for approved WICA projects for that year, based upon information known on a year-to-date basis, from the beginning of the year through the following effective dates, on the associated reporting dates:

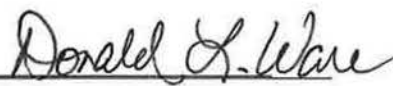
Effective Date

March 31
June 30
September 30
November 30

Reporting Date

April 15
July 15
October 15
December 15

Issued: June 1, 2016
Effective: June 1, 2016

Issued by: 
Name: Donald L. Ware
Title: Chief Operating Officer

NHPUC NO. 6 WATER

Temporary Second Revised Page 43

PENNICHUCK WATER WORKS, INC.

Superseding First Revised Page 43

RATE SCHEDULE
GENERAL SERVICE - METERED
SCHEDULE G-M

Availability:

The rate is available for metered water service in the franchised area subject to the terms and conditions of this tariff.

Character of Service:

Nashua Core System: Water is fully treated, filtered, and purified and is transmitted by gravity and pumps to the individual service pipes.

Community Water Systems: Water is ground water from a well site. Water quality meets or exceeds all federal and state standards for drinking water. Outdoor use of water may be restricted during dry summer periods.

Rate:

A minimum customer charge shall be made for each customer to whom service is rendered under this tariff, based on the meter size shown below:

<u>Meter Size</u>	<u>Monthly Customer Charge</u>
5/8"	\$ 20.34
3/4"	29.28
1"	47.16
1 1/2"	91.91
2"	150.47
3"	275.93
4"	455.09
6"	903.02
8"	1,440.68
10"	2,067.77

Volumetric Rate:

In addition to the standard customer charge, the monthly volumetric charge based on usage will be as follows:

Volumetric Charge: \$ 3.30 per 100 cu. ft.

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on water bill.

Issued: March 3, 2017 Issued By: Donald L. Ware

Effective: December 7, 2016 Title: Chief Operating Officer

Authorized by NHPUC Order No. 25,990 in Docket No. DW 16-806 dated February 17, 2017.

NHPUC NO. 6 WATER

Temporary Second Revised Page 44

PENNICHUCK WATER WORKS, INC.

Superseding First Revised Page 44

RATE SCHEDULES
MUNICIPAL FIRE PROTECTION SERVICE
SCHEDULE FP-M

Availability:

This rate is applicable to municipal fire protection.

Character of Service:

The Company will make every effort to maintain normal pressures at all times on the distribution system, but shall not be held liable for the failure of either the supply or distribution division of its system to adequately furnish its normal quantity of water when such failure is due to the elements, natural causes, breaks, leaks, unusual or concurrent droughts, or the waste or unlawful use of water.

Rate:

The charge shall be made up of two parts as follows:

1) Hydrant charge

For each hydrant connected to the distribution system

Hydrant
Charge
\$19.10 per month

2) Inch-Foot charge

The number of "inch-foot" units in the distribution system is to be obtained by multiplying the number of linear feet of pipe of each diameter (6" and larger) by the diameter in inches. The total number of "inch-foot" units in the distribution system will be determined as of January 1st each year, and will be the basis for computing the "inch-foot" charge for the entire year with one-twelfth to be billed each month.

Charge for each "inch-foot" unit to be

Inch-Foot
Charge
\$0.13179 per year

Terms of Payment:

Bills under this rate are net; will be rendered monthly and are due and payable at the office of the Company on the due date as stated on water bill.

Issued: March 3, 2017

Issued By: Donald L. Ware

Effective: December 7, 2016

Title: Chief Operating Officer

Authorized by NHPUC Order No. 25,990 in Docket No. DW 16-806 dated February 17, 2017.

NHPUC NO. 6 WATER

Temporary Second Revised Page 45

PENNICHUCK WATER WORKS, INC.

Superseding First Revised Page 45

RATE SCHEDULES
PRIVATE FIRE PROTECTION SERVICE
SCHEDULE FP-NM

Availability:

This rate is available for private fire protection and sprinkler service subject to the Private Fire Protection Regulations of paragraph 13 of this tariff.

Character of Service:

The Company will make every effort to maintain normal pressures at all times on the distribution system, but shall not be held liable for the failure of either the supply or distribution division of its system to adequately furnish its normal quantity of water when such failure is due to the elements, natural causes, breaks, leaks, unusual or concurrent droughts, or waste or unlawful use of water.

Rate:

The charge shall be determined by the size of the pipe entering the property as follows:

	Monthly Customer Charge
4" connections	\$ 55.88
6" connections	93.77
8" or larger connections	138.06

Terms of Payment:

Bills under this rate are net; will be rendered monthly and are due and payable at the office of the Company on the due date as stated on water bill.

Issued: March 3, 2017

Issued By: Donald L. Ware

Effective: December 7, 2016

Title: Chief Operating Officer

Authorized by NHPUC Order No. 25,990 in Docket No. DW 16-806 dated February 17, 2017.

NHPUC NO. 6 WATER

Temporary Second Revised Page 47

PENNICHUCK WATER WORKS, INC.

Superseding First Revised Page 47

RATE SCHEDULE

GENERAL SERVICE – NON-METERED

Pennichuck Water Works, Inc. (PWW) will charge current unmetered customers a monthly rate as specified below based on the average single family residential usage as specified below until such time as meters are installed.

Commercial, Industrial and Private Fire Protection customers will be charged an average rate as calculated for a similar customer in PWW.

PWW will make every effort to install meters in a timely manner and in no such case should these rates remain in force for more than a twelve-month period.

	<u>Customer Charge</u>
5/8 inch Meter Charge	<u>\$20.34</u>
Volumetric Charge	\$2.90
Average Single Family Residential Usage	<u>8.58 CCF</u>
	<u>\$28.31</u>
 Total Month Charge	 <u>\$48.65</u>
 Total Annual Charge	 <u>\$583.80</u>

Issued: March 3, 2017

Issued By: Donald L. Ware

Effective: December 7, 2016

Title: Chief Operating Officer

Authorized by NHPUC Order No. 25,990 in Docket No. DW 16-806 dated February 17, 2017.

NHPUC NO. 6 WATER

Third Revised Page 43

PENNICHUCK WATER WORKS, INC.

Superseding Temporary Second Revised Page 43

**RATE SCHEDULE
GENERAL SERVICE - METERED
SCHEDULE G-M
PERMANENT INCREASE**

Availability:

The rate is available for metered water service in the franchised area subject to the terms and conditions of this tariff.

Character of Service:

Nashua Core System: Water is fully treated, filtered, and purified and is transmitted by gravity and pumps to the individual service pipes.

Community Water Systems: Water is ground water from a well site. Water quality meets or exceeds all federal and state standards for drinking water. Outdoor use of water may be restricted during dry summer periods.

Rate:

A minimum customer charge shall be made for each customer whom service is rendered under this tariff, based on the meter size shown below:

Meter Size	Current Rate
5/8"	\$ 20.99
3/4"	30.21
1"	48.66
1 1/2"	94.83
2"	155.25
3"	284.70
4"	469.56
6"	931.74
8"	1,486.49
10"	2,133.53

Volumetric:

In addition to the standard customer charge, the monthly volumetric charge based on usage will be as follows:

Volumetric Charge: \$ 3.40 per 100 cu. Ft.

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: December 4, 2017

Issued by Donald L. Ware
Donald L. Ware

Effective: December 7, 2016

Title: Chief Operating Officer

Authorized by NHPUC Order No. 26,070 Docket No. DW 16-806 dated November 7, 2017.

NHPUC NO. 6 WATER

Third Revised Page 47

PENNICHUCK WATER WORKS, INC.

Superseding Temporary Second Revised Page 47

RATE SCHEDULE
GENERAL SERVICE - NON-METERED
PERMANENT INCREASE

Pennichuck Water Works, Inc. (PWW) will charge current unmetered customers a monthly rate as specified below based on the average single family residential usage as specified below

Commercial, Industrial and Private Fire Protection customers will be charged an average rate as calculated for a similar customer in PWW.


PWW will make every effort to install meters in a timely manner and in no such case should these rates remain in force for more than a twelve month period.

	<u>Current Rate</u>	
5/8 inch Meter Charge	\$ 20.99	
Volumetric Charge	\$ 3.40	
Average Single Family Residential Usage	8.58 CCF	
	<u>\$ 29.17</u>	
Total Monthly Charge	<u>\$ 50.16</u>	
Annually	<u>\$ 601.92</u>	

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: December 4, 2017

Issued by 
Donald L. Ware
Title: Chief Operating Officer

Effective: December 7, 2016

Authorized by NHPUC Order No. 26,070 Docket No. DW 16-806 dated November 7, 2017.

NHPUC NO. 6 WATER

Third Revised Page 44

PENNICHUCK WATER WORKS, INC.

Superseding Temporary Second Revised Page 44

RATE SCHEDULE
MUNICIPAL FIRE PROTECTION SERVICE
SCHEDULE FP-M
PERMANENT INCREASE

Availability:

This rate is applicable to general fire protection.

Character of Service:

The Company will make every effort to maintain normal pressures at all times on the distribution system, but shall not be held liable for the failure of either the supply or distribution division of its system to adequately furnish its normal quantity of water when such failure is due to the elements, natural causes, breaks, leaks, unusual or concurrent droughts, or the waste or unlawful use of water.

Rate:

The charge shall be made up of two parts as follows:

1) Hydrant charge

For each hydrant connected to the distribution system

Current
Rate
\$ 19.71 per month

2) Inch-Foot Charge

The number of "inch-foot" units in the distribution system is to be obtained by multiplying the number of linear feet of pipe of each diameter (4" and larger) by the diameter in inches. The total number of "inch-foot" units in the distribution system will be determined as of January 1st each year, and will be the base for computing the "inch-foot" charge for the entire year with one-fourth to be billed each quarter or one-twelfth to be billed each month.

Charge for each "inch-foot" unit to be

Current
Rate
\$ 0.13598 per year

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: December 4, 2017

Issued by 
Donald L. Ware

Effective: December 7, 2016

Title: Chief Operating Officer

Authorized by NHPUC Order No. 26,070 Docket No. DW 16-806 dated November 7, 2017.

NHPUC NO. 6 WATER

Third Revised Page 45

PENNICHUCK WATER WORKS, INC.

Superseding Temporary Second Revised Page 45

RATE SCHEDULE
PRIVATE FIRE PROTECTION SERVICE
SCHEDULE FP-NM
PERMANENT INCREASE

Availability:

This rate is available for private fire protection and sprinkler service subject to the Private Fire

Character of Service:

The Company will make every effort to maintain normal pressures at all times on the distribution system, but shall not be held liable for the failure of either the supply or distribution division of its system to adequately furnish its normal quantity of water when such failure is due to the elements, natural causes, breaks, leaks, unusual or concurrent droughts, or the waste or unlawful use of water.

Rate:

The charge shall be determined by the size of the pipe entering the property as follows:

	Current Rate
4" or smaller connection	\$ 57.66
6" connection	96.75
8" or larger connection	142.45

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: December 4, 2017

Issued by 
Donald L. Ware
Title: Chief Operating Officer

Effective: December 7, 2016

Authorized by NHPUC Order No. 26,070 Docket No. DW 16-806 dated November 7, 2017.

NHPUC NO. 6 WATER

Fourth Revised Page 43

PENNICHUCK WATER WORKS, INC.

Superseding Third Revised Page 43

**RATE SCHEDULE
GENERAL SERVICE - METERED
SCHEDULE G-M
STEP INCREASE**

Availability:

The rate is available for metered water service in the franchised area subject to the terms and conditions of this tariff.

Character of Service:

Nashua Core System: Water is fully treated, filtered, and purified and is transmitted by gravity and pumps to the individual service pipes.

Community Water Systems: Water is ground water from a well site. Water quality meets or exceeds all federal and state standards for drinking water. Outdoor use of water may be restricted during dry summer periods.

Rate:

A minimum customer charge shall be made for each customer whom service is rendered under this tariff, based on the meter size shown below:

Meter Size	Current Rate
5/8"	\$ 22.58
3/4"	32.50
1"	52.35
1 1/2"	102.02
2"	167.02
3"	306.28
4"	505.15
6"	1,002.35
8"	1,599.15
10"	2,295.22

Volumetric:

In addition to the standard customer charge, the monthly volumetric charge based on usage will be as follows:

Volumetric Charge: \$ 3.66 per 100 cu. Ft.

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: December 4, 2017

Issued by Donald L. Ware
Donald L. Ware

Effective: November 7, 2017

Title: Chief Operating Officer

Authorized by NHPUC Order No. 26,070 Docket No. DW 16-806 dated November 7, 2017.

NHPUC NO. 6 WATER

Fourth Revised Page 47

PENNICHUCK WATER WORKS, INC.

Superseding Third Revised Page 47

**RATE SCHEDULE
GENERAL SERVICE - NON-METERED
STEP INCREASE**

Pennichuck Water Works, Inc. (PWW) will charge current unmetered customers a monthly rate as specified below based on the average single family residential usage as specified below until such time as meters are installed.

Commercial, Industrial and Private Fire Protection customers will be charged an average rate as calculated for a similar customer in PWW.

PWW will make every effort to install meters in a timely manner and in no such case should these rates remain in force for more than a twelve month period.

	Current Rate
5/8 inch Meter Charge	\$ 22.58
Volumetric Charge	\$ 3.66
Average Single Family Residential Usage	8.58 CCF
	<u>\$ 31.40</u>
Total Monthly Charge	<u>\$ 53.98</u>
Annually	<u>\$ 647.76</u>

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: December 4, 2017

Issued by Donald L. Ware
Donald L. Ware

Effective: November 7, 2017

Title: Chief Operating Officer

Authorized by NHPUC Order No. 26,070 Docket No. DW 16-806 dated November 7, 2017.

NHPUC NO. 6 WATER

Fourth Revised Page 44

PENNICHUCK WATER WORKS, INC.

Superseding Third Revised Page 44

**RATE SCHEDULE
MUNICIPAL FIRE PROTECTION SERVICE
SCHEDULE FP-M
STEP INCREASE**

Availability:

This rate is applicable to general fire protection.

Character of Service:

The Company will make every effort to maintain normal pressures at all times on the distribution system, but shall not be held liable for the failure of either the supply or distribution division of its system to adequately furnish its normal quantity of water when such failure is due to the elements, natural causes, breaks, leaks, unusual or concurrent droughts, or the waste or unlawful use of water.

Rate:

The charge shall be made up of two parts as follows:

1) Hydrant charge

For each hydrant connected to the distribution system

Current
Rate
\$ 21.20 per month

2) Inch-Foot Charge

The number of "inch-foot" units in the distribution system is to be obtained by multiplying the number of linear feet of pipe of each diameter (4" and larger) by the diameter in inches. The total number of "inch-foot" units in the distribution system will be determined as of January 1st each year, and will be the base for computing the "inch-foot" charge for the entire year with one-fourth to be billed each quarter or one-twelfth to be billed each month.

Charge for each "inch-foot" unit to be

Current
Rate
\$ 0.14629 per year

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: December 4, 2017

Issued by 
Donald L. Ware

Effective: November 7, 2017

Title: Chief Operating Officer

Authorized by NHPUC Order No. 26,070 Docket No. DW 16-806 dated November 7, 2017.

NHPUC NO. 6 WATER

Fourth Revised Page 45

PENNICHUCK WATER WORKS, INC.

Superseding Third Revised Page 45

RATE SCHEDULE
PRIVATE FIRE PROTECTION SERVICE
SCHEDULE FP-NM
STEP INCREASE

Availability:

This rate is available for private fire protection and sprinkler service subject to the Private Fire Protection Regulations of paragraph 13 of this tariff.

Character of Service:

The Company will make every effort to maintain normal pressures at all times on the distribution system, but shall not be held liable for the failure of either the supply or distribution division of its system to adequately furnish its normal quantity of water when such failure is due to the elements, natural causes, breaks, leaks, unusual or concurrent droughts, or the waste or unlawful use of water.

Rate:

The charge shall be determined by the size of the pipe entering the property as follows:

	<u>Current Rate</u>
4" or smaller connection	\$ 62.03
6" connection	104.08
8" or larger connection	153.25

Terms of Payment:

Bills under this rate are net; will be rendered monthly, and are due and payable at the office of the Company on the due date as stated on the water bill.

Issued: December 4, 2017

Issued by 
Donald L. Ware
Title: Chief Operating Officer

Effective: November 7, 2017

Authorized by NHPUC Order No. 26,070 Docket No. DW 16-806 dated November 7, 2017.

NHPUC NO. 6 - WATER

PENNICHUCK WATER WORKS, INC.

SUPPLEMENT NO. 2


TARIFF

for

WATER SERVICE

In

THE STATE OF NEW HAMPSHIRE

Issued Date: April 2, 2018 Issued By: 
Donald L. Ware

Effective: March 20, 2018 Title: Chief Operating Officer

Authorized by NHPUC Order No. 26,114 in Docket No. DW 16-806, dated March 20, 2018

NHPUC NO. 6 WATER

Supplement No. 2

PENNICHUCK WATER WORKS, INC.

Page 1

PERMANENT RATE RECOUPMENT

PWW CORE:

Customers will be surcharged individually based on customer charge, actual usage, and contract rates. The Company will recoup from customers for service rendered from December 7, 2016 through bills rendered November 24, 2017 for the incremental difference of Temporary and Permanent Rates. The surcharge will be a one-time charge as follows:

<u>Customer Class</u>	<u>Total Recoupment</u>
General Metered	\$ 29,817.33
Anheuser Busch	\$ 625.69
Town of Milford	\$ 111.55
Town of Hudson	\$ 454.14
Town of Tyngsboro	\$ 448.39
Total:	\$ 31,457.10

Average recoupment for Residential Customers is \$1.01 (\$23,326.28 divided by 23,155 customers)

Private Fire Protection \$ 1,597.20

Public Fire Hydrant
City of Nashua \$ 3,900.58
Town of Merrimack \$ 122.95
Town of Amherst \$ 285.44

PWW CWS:

Customers will be surcharged individually based on customer charge, actual usage, and contract rates. The Company will recoup from customers for service rendered from December 7, 2016 through bills rendered November 24, 2017 for the incremental difference of Temporary and Permanent Rates. The surcharge will be billed in twelve equal monthly installments as follows:

<u>Customer Class</u>	<u>Total Recoupment</u>
General Metered	\$ 55,355.13

Average recoupment for Residential Customers is \$20.10 (\$52,558.59 divided by 2,616 customers) or \$1.68 per month

Private FP \$ 417.35

Public Fire Hydrant
Town of Bedford \$ 5,482.35
Town of Derry \$ 1,197.48

April 2, 2018
Issued Date: _____

Issued By: Donald L. Ware
Donald L. Ware

March 20, 2018
Effective: _____

Chief Operating Officer
Title: _____

Authorized by NHPUC Order No. 26,114 in Docket No. DW 16-806, dated March 20, 2018

NHPUC NO. 6 – WATER

PENNICHUCK WATER WORKS, INC.

SUPPLEMENT NO. 3

TARIFF

FOR

WATER SERVICE

In

THE STATE OF NEW HAMPSHIRE

Issued Date: April 2, 2018

Issued By: 
Donald L. Ware

Effective: March 20, 2018

Chief Operating Officer
Title: _____

Authorized by NHPUC Order No. 26,114 in Docket No. DW 16-806, dated March 20, 2018

NHPUC NO. 6 WATER

Supplement No. 3

PENNICHUCK WATER WORKS, INC.

Page 1

Recovery of Rate Case Expenses

Pennichuck Water Works, Inc. will recoup by surcharge its rate case expense from its customers in the amount of \$145,366 to be recovered from 28,354 customer accounts or \$0.43 per customer over 12 months as shown below:

Rates:

	<u>No. Customers</u>	<u>Surcharge</u>
Pennichuck Water Works, Inc.	28,354	\$0.43 per month for 12 months

April 2, 2018
Issued Date: _____

Issued By: Donald L. Ware
Donald L. Ware

March 20, 2018
Effective: _____

Chief Operating Officer
Title: _____

Authorized by NHPUC Order No. 26,114 in Docket No. DW 16-806, dated March 20, 2018