

NHPUC NO. 6 Water  
PENNICHUCK WATER WORKS, INC.

Fifth Revised Page 52  
Superseding Fourth Revised Page 52

### **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 1.37% will apply on a service rendered basis to all bills issued after April 26, 2023.

#### **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 will be effective on a service rendered basis for all bills issued after April 26, 2023 and 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, 2022 and December 31, 2022. 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 26, 2023	December 31, 2022

The QCPAC will be applied on a service rendered basis to all bills rendered after April 26, 2023. 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, Pennichuck East Utility and Town of Hudson special contracts.

Issued:	Issued by: _____
Effective: April 26, 2023	Name: Larry D. Goodhue
	Title: Chief Executive Officer & Chief Financial Officer

Authorize by NHPUC Oder No. xx,xxx in Docket No. DW 23-xxx dated September 30, 2023

NHPUC NO. 6 Water  
PENNICHUCK WATER WORKS, INC.

Fifth Revised Page 53  
Superseding Fourth Revised Page 53

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 Bonds sold on April 26, 2023 to pay for the QCPAC qualified projects that were completed and used and useful by December 31, 2022 in addition to the principal and interest associated with NHDES SRF and DWGTF loans. The Debt Instruments Principal and interest will be multiplied by 1.1 to determine this portion of the QCPAC surcharge. The debt service 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 monthly recoupment charge on the first bill rendered after the issuance date of this tariff for a three (3) month period.

Issued:  
Effective: April 26, 2023

Issued by: \_\_\_\_\_  
Name: Larry D. Goodhue  
Title: Chief Executive Officer  
& Chief Financial Officer

Authorize by NHPUC Oder No. xx,xxx in Docket No. DW 23-xxx dated September 30, 2023

NHPUC NO. 6 Water  
PENNICHUCK WATER WORKS, INC.

Fifth Revised Page 54  
Superseding Fourth Revised Page 54

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 debt instruments 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 debt instruments 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 22-032, 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 February 15th 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:

Effective: April 26, 2023

Issued by: \_\_\_\_\_

Name: Larry D. Goodhue

Title: Chief Executive Officer  
& Chief Financial Officer

Authorize by NHPUC Oder No. xx,xxx in Docket No. DW 23-xxx dated September 30, 2023

NHPUC NO. 6 Water  
PENNICHUCK WATER WORKS, INC.

Fifth Revised Page 55  
Superseding Fourth Revised Page 55

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**

July 31

**Reporting Date**

August 30

Issued:

Effective: April 26, 2023

Issued by: \_\_\_\_\_

Name: Larry D. Goodhue

Title: Chief Executive Officer  
& Chief Financial Officer

Authorize by NHPUC Oder No. xx,xxx in Docket No. DW 23-xxx dated September 30, 2023

NHPUC NO. 6 Water ~~Fourth-Fifth~~ Revised Page 52  
PENNICHUCK WATER WORKS, INC. Superseding ~~Third-Fourth~~ Revised Page 52

### 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 ~~7.25~~1.37% will apply on a service rendered basis to all bills issued after April 26, ~~2022~~2023.

#### 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 will be effective on a service rendered basis for all bills issued after April 26, ~~2022~~2023 and 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, ~~2019-2022~~ and December 31, ~~2021-2022~~. 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 26, <del>2022</del> <u>2023</u>	December 31, <del>2021</del> <u>2022</u>

The QCPAC will be applied on a service rendered basis to all bills rendered after April 26, ~~2022~~2023. 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, Pennichuck East Utility and Town of Hudson special contracts.

Issued: <del>November 10, 2022</del> , <u>2022</u>	Issued by: _____
Effective: April 26, <del>2022</del> <u>2023</u>	Name: Larry D. Goodhue
	Title: Chief Executive Officer & Chief Financial Officer

Authorize by NHPUC Oder No. ~~26,697-xx,xxx~~ in Docket No. DW ~~22-00623-xxx~~ dated ~~October 14~~September 30, 20222023

NHPUC NO. 6 Water

~~Fourth-Fifth~~ Revised

Page 53

PENNICHUCK WATER WORKS, INC.

Superseding ~~Third-Fourth~~ Revised Page 53

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 Bonds sold on April 26, ~~2022-2023~~ to pay for the QCPAC qualified projects that were completed and used and useful by December 31, ~~2021-20232~~ in addition to the principal and interest associated with NHDES SRF and DWGTF loans. The Debt Instruments -Principal and interest ~~of the Bond~~ will be multiplied by 1.1 to determine this portion of the QCPAC surcharge. The debt service 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 monthly recoupment charge on the first bill rendered after the issuance date of this tariff for a three (3) month period.

Issued: ~~November 10, 2022~~

Issued by: \_\_\_\_\_

Effective: April 26, ~~2022~~2023

Name: Larry D. Goodhue

Title: Chief Executive Officer  
& Chief Financial Officer

Authorize by NHPUC Oder No. ~~26,697-xx,xxx~~ in Docket No. DW ~~22-00623-xxx~~ dated ~~October 14~~September 30, ~~2022~~2023

Authorize by NHPUC Order No. ~~26,697~~xx,xxx in Docket No. DW ~~22-00623~~xxx dated ~~October~~  
~~14~~September 30, 20222023

NHPUC NO. 6 Water  
PENNICHUCK WATER WORKS, INC.  
54

~~Fourth-Fifth~~ Revised Page 54  
Superseding ~~Third-Fourth~~ Revised Page

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 debt instruments 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 debt instruments 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 ~~19-084~~22-032, 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 February 15th 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 10, 2022~~  
Effective: April 26, ~~2022~~2023

Issued by: \_\_\_\_\_  
Name: Larry D. Goodhue  
Title: Chief Executive Officer  
& Chief Financial Officer

Authorize by NHPUC Oder No. ~~26,697-xx,xxx~~ in Docket No. DW ~~22-00623-xxx~~ dated ~~October 14~~September 30, 20222023



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PENNICHUCK WATER WORKS, INC.  
55

~~Fourth-Fifth~~ Revised Page 55  
Superseding ~~Third-Fourth~~ Revised Page

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**

**Reporting Date**

~~September 30~~ July 31  
~~November 30~~

~~November 15~~ August 30  
~~January 15~~

Issued: ~~November 10, 2022~~  
Effective: April 26, ~~2022~~ 2023

Issued by: \_\_\_\_\_  
Name: Larry D. Goodhue  
Title: Chief Executive Officer  
& Chief Financial Officer

Authorize by NHPUC Oder No. ~~26,697-xx,xxx~~ in Docket No. DW ~~22-00623-xxx~~ dated ~~October 14~~ September 30, 2022 2023

Attachment C -  
Screen Shot of PWW Website QCPAC Notice

## **Pennichuck Water Works – Customer Notice regarding pending QCPAC Petition filing**

Pennichuck will be filing a petition with the New Hampshire Public Utilities Commission on or before February 15, 2023 seeking approval of an adjustment to its Qualified Capital Project Adjustment Charge as well as presenting Pennichuck's planned 2023 through 2025 Capital Improvements plan. For more information please see our [Current QCPAC Bill Insert.](#)

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PENNICHUCK CORPORATION

CORPORATE SECRETARY'S CERTIFICATE

I, Carol Ann Howe, do hereby certify that I am the duly elected Corporate Secretary of Pennichuck Corporation (the "Corporation"), a New Hampshire corporation, and that I am authorized to execute and deliver this Certificate on behalf of the Corporation. In that capacity, I do hereby further certify that:

1. The following resolution was adopted by the Board of Directors of the Corporation on January 27, 2023; and such resolution has not been altered, amended or repealed, and is in full force and effect, as of the date hereof:

Resolved: that the 2023 Capital Expenditure Budget and 2024-2025 Capital Expenditure Plans, as presented at this meeting, are hereby approved.

2. Attachment A to this Corporate Secretary's Certificate is a true copy of the Pennichuck Water Works, Inc. 2023 Capital Expenditure Budget and 2024-2025 Capital Expenditure Plans presented to the Board of Directors of the Corporation on January 27, 2023 and approved by said Board.

In Witness Whereof, I have hereunto set my hand this 9th day of February, 2023.

A handwritten signature in blue ink that reads 'Carol Ann Howe'.

Carol Ann Howe  
Assistant Treasurer and  
Corporate Secretary

Pennichuck Water Works  
2023 Capital Expenditure Budget, including 2024 and 2025 Plans  
(In thousands)

	Total Budgeted for 2022	Total Budgeted in 2023 for Carryover/Multi- year Projects	Total Budgeted in 2023 for New Projects	Total Budgeted for 2023	Total Planned in 2024 for Carryover & New Projects	Total Planned in 2025 for Carryover & New Projects
Mains and Main Replacements	\$ 3,391	\$ 3,753	\$ 2,441	\$ 6,194	\$ 4,518	\$ 3,447
Booster Stations, Tanks, Generators and Pumps	-	-	-	-	-	-
Water Treatment Media and Miscellaneous Water Supply Upgrades	-	-	-	-	-	-
Service, Hydrants and Meters	680	-	742	742	744	744
IT, Applications and System Monitoring	523	359	635	994	400	400
All Other	1,928	1,497	2,085	3,582	2,685	1,685
Subtotals	6,522	5,609	5,903	11,512	8,347	6,276
Bowers Pond Spillway Reconstruction	1,850	-	-	-	2,300	-
Coburn Woods Mains	300	40	-	40	2,300	-
Coburn Woods Booster Station	1,350	-	-	-	-	-
Milford Booster Station Rebuild	60	-	-	-	-	-
Kessler Farm Tank Replacement	300	10	-	10	-	-
WTP - Carbon Media Filter Bed Replacement	1,300	-	600	600	-	1,500
WTP Chemical Storage Bldg.	-	-	600	600	8,500	3,900
English Woods Interconnect	310	-	350	350	-	-
Capitalized Interest (FALOC)	155	-	303	303	158	124
Total Capex Budgeted 2023-2025	\$ 12,147	\$ 5,659	\$ 7,756	\$ 13,415	\$ 21,605	\$ 11,800
Total Capex Budgeted 2023 - 2025 approved 12/16/22	\$ 12,147	\$ 5,668	\$ 7,734	\$ 13,402	\$ 20,532	\$ 12,342
Variances	\$ -	\$ (9)	\$ 22	\$ 13	\$ 1,073	\$ (542)

Amount	Funding
11,725.00	Bond
303.00	FALOC Interest
-	Special Bond
877.00	DSRR 0.1
510.00	SRF
13,415.00	