Pennichuck East Utilities, Inc. DW 21-022 Computation of QCPAC Surcharge 2/11/2021 Revised 6/2/2021 per Staff Tech Session DR1. 6/30/2021 Update, Revised 10/28/21 DOE DR1 11/30/2021 Update

	Requested DW 20- 156 Revenue Requirements		Qualified Capital	Projected QCPAC Surcharge for 2020 Capital Additions	Projected 2021 Qualified Capital Project pro formas		Surc	ected QCPAC charge for 2021 ital Additions	Projected 2022 Qualified Capital Project pro formas	Projected QCPAC Surcharge for 2022 Capital Additions	Projected QCPAC For 2023 Capital Additions pro formas		Surcha	ted QCPAC arge for 2023 al Additions
City Bond Fixed Revenue Requirement (CBFRR)	\$ 926,309		\$	926,309	\$ -		\$	926,309	\$ -	\$ 926,309	\$ -		\$	926,309
Material Operating Expense Revenue Requirement (MOERR)	\$ 6,982,335	(1)	\$ 109,255 (5)(11) \$	7,091,590	\$ 26,801	(5)	\$	7,118,391	\$ (4,702) (5)(10)	\$ 7,113,689	\$ 51,913	(5)	\$	7,165,602
Operating Expense Contingency	1.04	(2)		1.04				1.04		1.04				1.04
Material Operating Expense Revenue Requirement (MOERR)	7,261,628			7,370,883				7,397,684		7,392,982				7,444,895
Non Material Operating Expense Revenue Requirement (NOERR)	\$ 7,163		\$	7,163			\$	7,163		\$ 7,163			\$	7,163
Amortization Expense (not subject to MOEF)	\$ 52,281		\$	52,281			\$	52,281		\$ 52,281			\$	52,281
Debt Service Revenue Requirement (DSRR 1.0)	\$ 1,739,398	(3)	\$ 270,861 (6)(7) \$	2,010,259	\$ 79,930		\$	2,090,189	\$ 200,689	\$ 2,290,878	\$ 166,277		\$	2,457,155
Principal and Interest Coverage Requirement	1.10			1.10				1.10		1.10				1.10
Total Debt Service Revenue Requirement including the .01 DSRR	\$ 1,913,338		\$	2,211,285	_		\$	2,299,208		\$ 2,519,966			\$	2,702,871
Revenue Requirement exclusive of NCCRS	\$ 10,160,719		9	10,567,921			\$	10,682,645		\$ 10,898,701			\$	11,133,519
Less Other Operating Revenues	\$ 30,188	(4)	\$	30,188	_		\$	30,188		\$ 30,188			\$	30,188
Revenues required from Customer Classes exclusive of NCCRS	\$ 10,130,531		•	10,537,733			\$	10,652,457		\$ 10,868,513			\$	11,103,331
Revenues subject to QCPAC	\$ 10,130,531		<b>\$</b>	10,537,733			\$	10,652,457		\$ 10,868,513			\$	11,103,331
Projected QCPAC Increase <sup>8</sup>				4.02%				1.13%		2.13%				2.32%
Cumulative QCPAC increase <sup>9</sup>				4.02%				5.15%		7.28%				9.60%
Cumulative QCPAC monthly increase in average single family residential bill			<b>\$</b>	3.39			\$	4.34		\$ 6.14			\$	8.10
Average monthly single family residential bill with QCPAC			4	87.70			\$	88.65		\$ 90.45			\$	92.41

year term loan with an actual total all in interest rate of

25

5.00%

that was not recovered in DW20-156.

## Notes:

- (1) Operating Expense Revenue requirement is the sum of the Total Operating Expenses, Property Tax Expense and Amortization Expense being sought in DW20-156.
- (2) Material operating expense factor requested in DW20-156. The MOEF is not applied to the QCPAC expenses.
- (3) Annual Principal and interest payments for PEU debt associated with plant in service being sought in DW20-156 less Georgetown project in Lock Lake.
- (4) Other Revenues from 2019 Test Year in DW20-156.
- (5) QCPAC operating expense proformas are based on the property taxes for plant added during the year.
- (6) See Calculation of annual principal and interest payments on spreadsheet titled "2020 QCPAC PEU Additions."
- (7) Portion of Annual Principal and interest payments paid to CoBank for debt associated with plant a placed in service between 1/1 and 12/31 for designated year based on a
- (8) QCPAC percent revenue surcharges based on increase in revenues over the revenues requested in DW20-156.
- (9) Cumulative surcharge percentage is based on total surcharge revenues collected divided by the revenues requested in DW20-156.
- (10) QCPAC operating expense proforma associated with property taxes is reduced by \$ 70,000 to reflect reduction in purchased water costs associated with the completion of the Londonderry Storage Tank.
- (11) QCPAC operating expense proforma associated with property taxes is reduced by \$ 28,000 to reflect reduction in arsenic treatment costs associated with the completion of the Locke Lake raw water well line to the Peacham Road Treatment plant.

## Impact on PEU Single Family Residential Home:

Single Family Residential Home:	
Monthly meter charge requested in DW20-156.	\$ 22.56
Average Single Family Consumption (CCF)	6.50
Consumption Charge requested in DW20-156.	\$ 9.50 per CC
Average Single Family monthly bill with rates requested in DW20-156	\$ 84.31

## Pennichuck East Utilities, Inc. DW 21-022 2020 used and useful QCP's 2/11/2021, Revised 10/28/21 for DOE DR1 9/30/21 Update Updated for DOE DR2's 12/1/2021

					NHPUC Order	Date of NHPUC		Eligible for 2				nated Project	Estimated Project					2021 QCPAC
Project Name/Description	Project Description	Work Order #	Board Approved 2020 Capex Budget	Financing Docket No.	No.	Order	Source of Funding	QCPAC Surcharge				ost as of /30/2020		Final Project cost as of 12/31/2020	Community	Taxable	Tax Rate (1)	Eligible Property Tax Expense Explanation for Change/Addition/Deletion since Petition Filing
Elevated Storage Tank in Londonderry2	Construct 1.25 MG Elevated Storage Tank.	1818349 1901641 2000372				g Filing	CoBank	No	6	e	\$		\$ -	\$ -	Londonderry	Yes	\$ 24.78	
,	<del>-</del>	n/a	¢ 1,343,000	CoBank	Pendin			No No	3	- 3	340,000 \$	-	9	9		Yes	\$ 24.78 \$ 33.55	
Middleton Station Re-build	Re-build Sunrise Estates CWS Station. Existing Station is over 40 years old.	11/2	-	CoDank	T CIRCIII	gg	CoBank	No	\$	- 5	340,000		,	,	MIddleton	Yes	\$ 33.55	\$ - Project deferred to 2021 due to the need to install additional treatment due to lower Arsenic standard.
Airstrip alternative arsenic treatment	Raw Water Pipeline from Air Strip well to Peacham Road WTP.	1901642, 2000371	\$ 540,000	DW18-132	26,189	11/16/2018	SRF	Yes	s	540,000 \$	633,000 \$	600,000	\$ 633,000	\$ 618,531	Barnstead	Yes	\$ 27.84	
Georgtown Drive water main replacement	Replace 4600 LF of 4 inch schedule 40 PVC with 6 inch C900 PVC.	2000363	\$ 10,000	DW18-132	26,189	11/18/2018	SRF	Yes	S	10,000 \$	10,000 \$	-	\$ 1,056,000	s 966.252	Barnstead	Yes	\$ 27.84	\$ 26,900 Recovery of these 2019 used and useful Capex was sought in DW20-019 filing. While the projects are completed the Company
Bradford Lane water main replacement	Replace 1825 LF of 4 inch schedule 40 PVC with 6 inch C900 PVC.	2000364	\$ 10,000	DW18-132	26,189	11/20/2018	SRF	Yes	s	10,000 S	10,000 \$	-	\$ 1,056,000	\$ 900,252	Barnstead	Yes	s 27.84	will not be closing on the loan supporting these capital improvements until June 2021 so it is seeking the P&I associated with these projects in 2021 QCPAC as opposed to the 2020 QCPAC.
N.Barnstead Road - Eliminate deadend piping	Add 680 LF of 4 inch C-900 PVC to eliminate dead end. Replace 275 LF of 4 inch sch 40 PVC with 6 inch C900 PVC.	h 2000365	\$ 239,000	DW18-132	26,189	11/22/2018	SRF	Yes	s	239,000 \$	265,620 \$	255,000	\$ 255,000	\$ 244,214	Barnstead	Yes	\$ 27.84	S 6 700 Based on final low bid and actual construction.
Belmont Drive water main replacement	Replace 500 LF of 4 inch schedule 40 PVC with 6 inch C900 PVC.	2000366	\$ 5,000	DW18-132	26,189	11/24/2018	SRF	Ves	9	5,000 \$	5,000 \$	-	S -	S -	Barnstead	Yes	\$ 27.84	
Route 28 Replacement	Replace 720 LF of 2" PE with 720 LF of 4" C-900 PVC.	2000370	\$ 80,000	DW18-132	26,189	11/26/2018	SRF	Yes	S	80,000 S	59,500 \$	59,500	\$ 56,500	\$ 69,061	Barnstead	Yes	\$ 27.84	
Trodic 20 Tropiacomoni	<u> </u>		,		20,107	, ,	5141	103		00,000	37,000	,			Datiistead	103	27.01	Existing Arsenic filters failed in Sept 2020. Increase in price reflects replacement of those filters. More work was completed in
Locke Lake Surface Water Treatment <sup>4</sup>	Intake & Treatment Facility Construction	1813409, 1900433, 2000369	\$ 835,000	DW18-132	26,189	11/26/2018	SRF	Yes	s	- s	1,490,000 \$	1,700,000	\$ 2,050,000	\$ 2,109,088	Barnstead	Yes	\$ 27.84	land and the second sec
Locke Lake Surface Water Treatment <sup>4</sup>	Intake & Treatment Facility Construction	1813409, 1900433, 2000369		CoBank	Pendin	g Filing	CoBank	Yes						\$ 175,334	Barnstead	Yes	\$ 27.84	Locke Lake project investement that exceeds the available loan amount of \$4,240,000. The \$240,000 of remaining funds available a 4,881 via SRF will be drawn down in 2021.
Rolling Hills Water Main Replacement - Site Restoration from 2019 Project	Replace substandard 2 inch diameter pipe with 4 inch C900 PVC.	2000392	\$ 32,000		26,189		CoBank	Yes	\$	32,000 \$	32,000 \$	32,000	\$ 32,000	\$ 27,400	Plaistow	Yes	\$ 26.20	\$ 718
Pelham Main Replacement/Addition	Replace 1600 LF of 3 inch PE with 12 in C-900 and add 775 LF of 12 in C-900 Monticello & Lane.	2001241	\$ 285,000	CoBank	Pendin	g Filing	CoBank	Yes	s	285,000 \$	590,550 \$	658,600	\$ 658,600	\$ 332,855	Pelham	Yes	\$ 24.86	\$ 8,275 Project scope expanded for streets listed below over original budget.
Pelham Main Replacement/Addition	Replace Lane Road.	2003563	s -	CoBank	Pendin	g Filing	CoBank	Yes	s	- s	. \$	-	s -	\$ 182,102	Pelham	Yes	\$ 24.86	\$ 4,527 Work on this street is in project total for Monticello & Lane Project above.
Pelham Main Replacement/Addition	Replace Simpson Road.	2003564	\$ -	CoBank	Pendin	g Filing	CoBank	Yes	s	- s	, s	-	s -	\$ 19,527	Pelham	Yes	\$ 24.86	\$ 485 Work on this street is in project total for Monticello & Lane Project above.
Pelham Main Replacement/Addition	Replace Andrea Lane.	2003565	\$ -	CoBank	Pendin	g Filing	CoBank	Yes	s	- \$	. \$	-	\$ -	ş -	Pelham	Yes	\$ 24.86	Work on this street is in project total for Monticello & Lane Project above.
Pelham Main Replacement/Addition	Replace Mount Vernon Drive.	2004325	\$ -	CoBank	Pendin	g Filing	CoBank	Yes	s	- s	- \$	-	s -	\$ 60,561	Pelham	Yes	\$ 24.86	\$ 1,506 Work on this street is in project total for Monticello & Lane Project above.
1 x revenue investments Normal Run Rate	Per Tariff	n/a	\$ 100,000	CoBank	Pendin	g Filing	CoBank	Yes	ş	100,000 \$	40,000 \$	40,000	\$ 40,000	\$ 62,949	Various	Yes	\$ 27.23	\$ 1,714 103 Developer Installed Services Installed thru 12/31/2020.
Sunrise Estates	Station Replacement (design)	2003613	\$ 40,000		0.1 DSRR		0.1 DSRR	No	s	- S	. S	30,000	\$ 30,000	\$ 7,805	Middleton	No	\$ 33.55	s -
Londonderry Core Re-Chloramination	Re-chloramination Evalution and Preliminary Design	2003760	\$ 35,000		0.1 DSRR		0.1 DSRR	No	s	- S	35,000 \$	35,000	\$ 35,000	\$ 11,820	Londonderry	No	\$ 24.78	\$ - Design costs incorporated into Station rebuild above.
Atkinson Booster pump station design	Atkinson Booster pump station design	2000717	\$ 30,000		0.1 DSRR		0.1 DSRR	No	s	- s	- \$	-	\$ 3,000	ş -	Atkinson	Yes	\$ 22.84	\$ - Costs incorporated in Atkinson Station rebuild below.
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	760 - 763 workorders	\$ 40,000	CoBank	Pendin	g Filing	CoBank	Yes	s	40,000 \$	35,000 \$	25,000	\$ 18,000	\$ 15,241	Various	Yes	\$ 27.23	\$ 415 5 Booster Pump Replace/Rebuilds through 12/31/2020.
Well Pump replacements	Well Pump replacements	760 - 763 workorders	\$ 40,000	CoBank	Pendin	g Filing	CoBank	Yes	s	40,000 \$	16,000 \$	15,000	\$ 15,000	\$ 14,665	Various	Yes	\$ 27.23	\$ 399 4 Well Pumps Repaired/Replaced through 12/31/2020.
Chemical Feed pump replacements	Chemical Feed pump replacements	760 - 763 workorders	\$ 10,000	CoBank	Pendin	g Filing	CoBank	Yes	s	10,000 \$	5,000 \$	2,000	\$ 2,000	\$ 1,695	Various	Yes	\$ 27.23	\$ 46 1 Chemical Feed Pump Repaired/Replaced through 12/31/2020.
Install/replace treatment systems in small CWS	Install/replace treatment systems in small CWS.	n/a	\$ 25,000	CoBank	Pendin	g Filing	CoBank	Yes	S	25,000 \$	- \$	-	ş -	\$ -	Various	Yes	\$ 27.23	\$ - None completed during 2020.
Misc. Structural Improvements	Misc. Structural Improvements	n/a	\$ 20,000	CoBank	Pendin		CoBank	Yes	\$	20,000 \$	10,000 \$	5,000	\$ -	\$ -	Various	Yes	\$ 27.23	
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	n/a	\$ 10,000	CoBank	Pendin		CoBank	Yes	S	10,000 \$	5,000 \$	-	S -	\$ -	Various	Yes	\$ 27.23	
Miscellaneous SCADA/Electrical Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical	n/a	\$ 30,000	CoBank	Pendin		CoBank	Yes	\$	30,000 \$	27,602		\$ 5,000		Various	Yes	\$ 27.23	
Miscellaneous SCADA/Electrical Miscellaneous SCADA/Flectrical	Replace Well #1 VFD, Lamplighter Village Replace Pump #4 VFD, Liberty Tree	2001215 2005248	\$ -	CoBank CoBank	Pendin Pendin		CoBank CoBank	Yes Yes	\$	- 8	2,398 \$	2,398 1.735		4	Windham Raymond	Yes Yes	\$ 23.89 \$ 30.53	
Miscellaneous SCADA/Electrical	Replace Pump #4 VPD, Liberty Tree	2005248	3 -	CoBank	Pendin		CoBank	Yes	3	- 3	- 3	1,735	\$ 1,/35 \$ 1.735	4 1,00	Raymond	Yes	\$ 30.53 \$ 30.53	
Well Rehabilitation	Well Rehabilitation		\$ 60,000	CoBank	Pendin		CoBank	Yes No	3	- 3	15,000 S	15,000	\$ 1,/35 e	ş 1,/33 e	Various Various	Yes	\$ 30.53	7 00
Atkinson Station Rebuild	Station cannot provide requirede fire flow. Hydropneumatic tank is in need of replacement.	n/a n/a	\$ 500,000	CoBank	Pendin		CoBank	No	9	- 9	15,000 \$	13,000	9	9	Atkinson	Yes	\$ 22.84	None completed during 2020.     Project deferred into 2021 subject to evaluation of financial analysis of rebuilding the station vs. interconnectoin with HAWC.
Install web based communication equipment, 4 locations.	Install web based communication equipment, 4 locations.	n/a	\$ 20,000	CoBank	Pendin		CoBank	Yes	\$	20,000 \$	17,901 \$	17,901	\$ 17,901	\$ -	Various	Yes	\$ 27.23	
Install web based communication equipment, 4 locations.	Fletcher's Corner, Install Cellular Based Communication	2002270	\$ 20,000	CoBank		g Filing	CoBank	Yes	S	- \$	2.099 \$	2,099			Various	Yes	\$ 27.23	
Interconnect the W&E CWS to the Town of Salem Water System.	Interconnect the W&E CWS to the Town of Salem Water System.	2004243	\$ -	CoBank/Grant	Pendin		DWGTF/CoBank	No	ş	- s	125,000 \$	125,000	\$ -	ş -	Windham	Yes	\$ 23.89	Added as part of PEU-Salem Windham Franchise exchange. MSDC charge paid for by PEU. Work will not be Used and Useful
New Services (5)	Single Family, Owner Build, New Homes	720 workorders	\$ 25,000	CoBank	Pendin	g Filing	CoBank	Yes	ş	25,000 \$	15,000 \$	7,950	\$ 10,586	\$ 10,586	Various	Yes	\$ 27.23	\$ 288 2 new services installed through 12/31/2020.
Renewed Services (10)	Replacement of failed services.	721 & 722 workorders	\$ 55,000	CoBank	Pendin	g Filing	CoBank	Yes	\$	55,000 \$	1,912 \$	7,014	\$ 7,014	\$ 10,137	Various	Yes	\$ 27.23	\$ 276 5 Renewed Service installed through 12/31/2020.
Hydrants (5)	Replacement of non-functional hydrants.	730 & 731 workorders	\$ 30,000	CoBank	Pendin		CoBank	Yes	\$	30,000 \$	18,000 \$	18,000	\$ 6,000	\$ -	Various	Yes	\$ 27.23	
Meters 5/8"-6" Lead Meter Exchange - PEU (600)	Replace High lead brass meter with new no lead brass meter.	750 workorders	\$ 22,000	CoBank	Pendin		CoBank	Yes	ş	22,000 \$	30,000 \$	26,000	\$ 26,000		Various	Yes	\$ 27.23	
Gates (8)	Replacement of Failed Gate Valves	712 workorders	\$ 32,000	CoBank	Pendin		CoBank	Yes	\$	32,000 \$	6,109 \$	18,000	\$ 17,954		Various	Yes	\$ 27.23	\$ 487 5 Gates Installed/Repaired through 12/31/2020. \$ 660 236 Radios installed/replaced through 12/31/2020.
Radios (300)	New Customers (220) and replaced failed radios (80) for meter reading.	754 workorders	\$ 32,000	CoBank	Pendin	g Filing	CoBank	Yes	\$	32,000 \$	18,500 \$	15,023	\$ 21,000	\$ 24,231	Various	Yes	\$ 27.23	\$ 660 236 Radios installed/replaced through 12/31/2020.
Meters (Growth) 5/8"-2" - PEU (220)	New meters for new customers (220).	750 workorders	\$ -	CoBank	Pendin	g Filing	CoBank	Yes	s	- S	- \$	-		s -	Various	Yes	\$ 27.23	\$ - Incorporated in Row 48 above.
PEU-PWW Interconnection	PEU-PWW Interconnection	2007474	\$ -	CoBank	Pendin	g Filing	CoBank	Yes	s	- s	- S	-		\$ 3,449	Merrimack	Yes	\$ 28.84	\$ 99
MSDC Payment to Manchester Water Works	MSDC Payment to Manchester Water Works	2009024	s -	CoBank	Pendin	g Filing	CoBank	Ves	5		. e			\$ 127,007	Various	No	\$ 27.23	
Interest on CoBank FaLOC	Short term interest from 11/23/2020 - 7/31/2021	2007021	s -	CoBank	Pendin		CoBank	Yes	Š	-   9	- 3		\$ 16,000		Various	No	\$ 27.23	y .
	Pennichuck East Utilities Projected 2020 Total	Capital Expenditure Budget -	\$ 4,737,000	Corain					1.7	1,4			,000	- 17,000			openses for QCPAC	
	reminded Last Califics Flojected 2020 Total	Dayenamane Dauget -	,,,,,,,,,												,	,p, mac	-ti-ibli	S 137 255

Total projected annual P&I for 2020 used and useful QCP's \$ 227,825 \$ 214,894 \$ 258,864 \$ 270,861

| Pennichuck East Utilities Projected 2020 QCPAC Eligible Capital Investment less 0.1 DSRR funded projects | \$1,692,000 \$ \$3,861,191 \$ \$1,714,055 \$ \$1,5142,055 \$ \$1,5144,055 \$ \$1,5142,055 \$ \$1,5144,055 \$ \$1,5142,055 \$ \$1,5144,055 \$ \$1,5142,055 \$ \$1,5144,055 \$ \$1,5142,055 \$ \$1,5144,

Total projected P&I on debt incurred to support 2020 used and useful capex -

expenses for QCPAC eligible projects - \$ 137,255

2022 1-12 - 11-30-2021 Update of Exh DLW 1-5 PEU 2021 QCPAC - DW 21-022
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Pennichuck East Utilities, Inc. DW 21-022 Projected 2021 QCPAC Capital Expenditures 2/11/2021 6/30/2021 Update, Revised 10/28/21 DOE DR1 9/30/21 Update 11/30/2021 Update

		2021 Board Approve	d Financing Docket	Date of NHPUC		Eligible for 2021 QCPAC	Eligible for 20	Estimated Project	t Estimated Proje Cost as of	Estimated Project	Final Project cost			QCPAC Eligib Property Tax	
Project Name/Description	Project Description	Budgeted	No.	NHPUC Order No. Order	Source of Funding		QCPAC Surchar		9/30/2021	11/30/2021	as of 12/31/2021 Community	Taxable	Tax Rate (1	Expense	Explanation for Change/Addition/Deletion since Petition Filing
Locke Lake Surface Water Treatment <sup>4</sup>	Intake & Treatment Facility Construction	\$ 200,00	0 DW18-132	26,189 11/26/2018	SRF	Yes	\$ 200,0	00 \$ 240,000	\$ 200,00	0 \$ 240,000	Barnstead	Yes	\$ 26.	69 \$ 6,40	06 Total project cost incurred between 2019 through 2021 when project became Used and Useful.
	Replace 1600 LF of 3 inch PE with 12 in C-900 and add 775 LF of 12 in C-900 on Monticello,	\$ 40.00	0 DW21-102	Pending Filing											
Pelham Main Replacement/Addition	Mt. Vernon and Lane Road - Finish Paving	10,00			CoBank	Yes	\$ 40,0	00 \$ 40,000	\$ 40,00	0 \$ 87,366	Pelham	Yes		15 \$ 1,8-	
Pelham Main Replacement/Addition	Finish Paving		DW21-102 DW21-102	Pending Filing Pending Filing	CoBank	Yes	\$ -	\$ -	\$ -		Pelham	Yes		15 \$ -	included in WO 2105634 final paving
Pelham Main Replacement/Addition	Finish Paving				CoBank	Yes	ş -	\$ -	\$ -		Pelham	Yes		15 \$ -	included in WO 2105634 final paving
Londonderry System Improvements	Tank, Transmission Main, & Booster Station	\$ 1,600,00		0.1 DSRR		No	\$ 1,600,0					No	\$ 23.	\$ -	Engineering only in 2021. Project delay in permitting will require carry over into 2022
Atkinson Booster pump station design	Atkinson Booster pump station design	\$ 30,00	0	0.1 DSRR	1	No	\$ 30,0	00 \$ 30,000	\$ 30,00	0 \$ -	Atkinson	No	\$ 17.	54 \$ -	Deferred
Locke Lake Filter Replacement	Replace two failed (structural-collapse of screen supports) iron, manganese, & arsenic filters.	\$ 30,00		Pending Filing	CoBank	Yes	\$ 30,0		\$ 10,00		Barnstead	Yes		69 \$ -	Completed in 2020
Airstrip Station Decommissioning	Abandon unused wells and Station	\$ 40,00		26,189 11/26/2018	SRF	Yes	\$ 40,0					No		69 \$ -	Complete
1 x revenue investments Normal Run Rate	Per Tariff	\$ 100,00	0 DW21-102	Pending Filing	CoBank	Yes	\$ 100,0	00 \$ 170,000	\$ 155,00	0 \$ 160,000	Various	Yes	\$ 24.	14 \$ 3,86	62 104 New Developer Installed thru 11/30/21. Projecting 155 additional new developer before year end.
Sunrise Estates	Station Replacement (design)	\$ -		0.1 DSRR	0.1 DSRR	No	s -	\$ 8,000	\$ 8,00	0 \$ 3,000	Middleton	No	\$ 33.	56 \$ -	Deferred - monies shown for engineering design
Londonderry Core Re-Chloramination	Re-chloramination Evalution and Preliminary Design	\$ -		0.1 DSRR	0.1 DSRR	No	s -	s 700	s 70	s 700	Londonderry	No	\$ 23.	33 s -	Deferred - monies shown for engineering design
Nesenkeag Well Decomission	Nesenkeag Well Decomission	\$ -		0.1 DSRR	0.1 DSRR	No	s -	s 19,600	\$ 20,00	0 S 20,000	Londonderry	No	\$ 23.	33 s -	Complete
Londonderry RRA and ERP	Londonderry RRA and ERP	\$ -		0.1 DSRR	0.1 DSRR	No	s -	s -	\$ 26,15	0 \$ 26,150	Londonderry	No	\$ 23.	33 s -	Missed in original budget. Required by NHDES under American Water Infrastructure Act
Litchfield RRA and ERP	Litchfield RRA and ERP	\$ -		0.1 DSRR	0.1 DSRR	No	s -	s -	\$ 26,15	0 \$ 26,150	Litchfield	No	\$ 23.	35 \$ -	Missed in original budget. Required by NHDES under American Water Infrastructure Act
Litchfield- Londonderry Evaluation	Litchfield- Londonderry Evaluation	\$ -		0.1 DSRR	0.1 DSRR	No	s -	s -	\$ 10,00	0 \$ 16,000	Lond/Litchfiel	l No	\$ 23.	34 \$ -	Requested evalution by NHDES - Internal Engineering Staff. Ability to serve water from Nashua
Castle Reach, Replace VFD, Pump #2	Booster Pump replacement/rebuild	\$ -	DW21-103	Pending Filing	CoBank	Yes	s -	s -	\$ 1,30	0 \$ 1,300	Windham	Yes	\$ 23.	37 \$ :	30
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild	\$ 40,00	0 DW21-102	Pending Filing	CoBank	Yes	\$ 40,0	00 \$ 30,000	\$ 25,00	0 \$ 20,000	Various	Yes	\$ 24.	14 \$ 4	83 Installed/Repaired 5 pumps through 11/30/21. Projecting 1 more booster pump install/repair by year end.
Well Pump replacements	Well Pump replacements	\$ 40,00	0 DW21-102	Pending Filing	CoBank	Yes	\$ 40,0	00 \$ 30,000	\$ 30,00	0 \$ 25,000	Various	Yes	\$ 24.	14 \$ 60	04 Installed/Repaired 6 well pumps through 11/30/21. Projecting 1 more well pump install/repair by year end.
Chemical Feed pump replacements	Chemical Feed pump replacements	\$ 10,00	0 DW21-102	Pending Filing	CoBank	Yes	\$ 10,0	00 \$ 8,000	\$ 6,00	0 \$ 6,000	Various	Yes	\$ 24.		Installed/Repaired 2 chem feed pumps through 11/30/21. Projecting the installation/repair of 1 more chem feed pump before year end.
Install/replace treatment systems in small CWS (supplemental Arsenic treatment	Install/replace treatment systems in small CWS (supplemental Arsenic treatment systems).	\$ 50,00	0 DW21-102	Pending Filing	CoBank	Yes	\$ 50,0	00 \$ 27,000	\$ 27,00	10 S -	Various	Yes	\$ 24.	14 \$ -	
Install Poly Phosphate Sequestration System, Skyview Estates, Pelham	Install Poly Phosphate Sequestration System, Skyview Estates, Pelham			Replace Treatment - See above		Yes	ş -	\$ 3,000	\$ 3,00	0 \$ 3,000	Pelham	Yes	\$ 21.	15 \$	ú3
Install/replace treatment systems in small CWS (supplemental Arsenic treatment	Install PFAs Removal Treatment System, Harvest Village, Londonderry		Install/F	Replace Treatment - See above		Yes	s -	\$ 20,000	\$ 20,00	0 \$ 20,000	Londonderry	Yes	\$ 23.	33 \$ 44	57
Misc. Structural Improvements	Misc. Structural Improvements	\$ 20,00	0 DW21-102	Pending Filing	CoBank	Yes	\$ 20,0	00 \$ 5,750	\$ 5,75	io \$ -	Various	Yes	\$ 24.	14 \$ -	
Misc. Structural Improvements	Pave Access Road to Stone Sled Station			cutural Improvements - See above		Yes	\$ -	\$ 14,250	\$ 14,25	0 \$ 14,250	Various	Yes	\$ 24.	14 \$ 3-	14
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects	\$ 10,00		Pending Filing	CoBank	Yes	\$ 10,0	00 \$ 10,000	,		Various	Yes	\$ 24.	14 \$ -	
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical	\$ 30,00		Pending Filing	CoBank	Yes	S -	\$ 30,000	4 20,00	. 4	Various			14 \$ -	
Well Rehabilitation	Well Rehabilitation	\$ 60,00		Pending Filing	CoBank	Yes	\$ 60,0				Various	Yes		14 \$ -	
Well Rehabilitation	Rehabilitate Well #9, Locke Lake, Barnstead	\$ 20,00	DW21-103 DW21-102	Pending Filing Pending Filing	CoBank	Yes	\$ - \$ 20.0	- ·	\$ 8,39 \$ 20,00			Yes	_	69 \$ 22 14 \$ 12	- 1
Install web based communication equipment, 4 locations  Interconnect the W&E CWS to the Town of Salem Water System.	Install web based communication equipment, 4 locations  Interconnect the W&E CWS to the Town of Salem Water System.	\$ -	CoBank/Grant	Pending Filing	DWGTF/CoBank	Yes	\$ 20,0	\$ 565,000	20,000	0 \$ 290,000	Windham	Yes	\$ 24.	\$ 6,7"	Added as part of PEU-Salem Windham Franchise exchange. MSDC charge paid for by PEU. Work will not be Used and Useful in 2020. Includes dechloamination. \$175,000 in MSDC was budgeted in 2020, missed carry over. 77 WCll #3 capacity and quality changed dramatically in 2020 changing this connection from season to year round and requiring the additional \$550,000 investment. Pipeline and Station work deferred into 2022 due to materials not being available
New Services (5)	Single Family, Owner Build, New Homes	\$ 25,00	0 DW21-102	Pending Filing	CoBank	Yes	\$ 25,0	00 \$ 15,000	\$ 20,00	0 \$ 26,455	Various	Yes	\$ 24.	14 \$ 63	39 Installed 5 new service through 11/30/21. No mre expected by year end.
Renewed Services (20)	Replacement of failed services (focus on Locke Lake Services).	\$ 110,00		Pending Filing	CoBank	Yes	\$ 110,0	00 \$ 50,000	4 10,000			Yes			38 Renewed 6 services through 11/30/21. Projecting additional renewal by year end.
Hydrants (5)	Replacement of non-functional hydrants	\$ 30,00		Pending Filing	CoBank	Yes	\$ 30,0		9 12,00		1,000	Yes	\$ 24.	14 \$ 25	90 None replaced year to date. Projecting 2 hydrant replacments by end of year.
Gates (8)	Replacement of Failed Gate Valves	\$ 32,00	-	Pending Filing	CoBank	Yes	\$ 32,0					Yes			97 Installed/Repaired 4 gates through 11/30/21. Projecting 1 more by end of year.
Radios (300)  New meters for new customers (220). Replacement of failed meters (80)	New Customers (220) and replaced failed radios (80) for meter reading.	\$ 31,50 \$ 30,00		Pending Filing Pending Filing	CoBank CoBank	Yes Yes	\$ 31,5 \$ 30,0	,				Yes Yes	\$ 24.	14 \$ 25	99 Installed/Repaired 114 radios through 11/30/2. Projecting 10 more radio installations by end of year.  [Table 1/2] Project 204 proper should 11/30/21 Project 15 property installations by end of year.
Meters 5/8"-6" Lead Meter Exchange - PEU (400)	New meters for new customers (220) and replacement meters (80).  Replace High lead brass meter with new no lead brass meter.	\$ 30,00		Pending Filing Pending Filing	CoBank	Yes	\$ 30,0 \$ 40.0		e 38,00	32,000	Various Various	Yes		14 \$ 7	Installed/Repaired 204 meters through 11/30/21. Projected 15 more meter installs/repairs by year end.  Included in line above
Meters 5/8"-6" Lead Meter Exchange - PEU (400)  2021 Radios (1000)		\$ 130,00		Pending Filing	CoBank	Yes	\$ 40,0 \$ 130.0		\$ - \$ 98.00	0 S 95,000		Yes		14 \$ -	93 Replaced 924 Radios through 11/30/21, projecting 80 more
Interest on CoBank FaLOC		\$ 130,00	CoBank	Pending Filing	CoBank	Yes	\$ 130,0	9 100,000	\$ 98,00 \$ 13.65		1 100000	Yes No	4	14 \$ 2,25 34 \$ -	Anticipates closing on CoBank long term loan to pay off CoBank FALOC on 8/1/2022.
Interest on Cobank racoc	Onore term interest notif 3/23/2021 * 1/3 1/2022	1 *	CODAIIK	r circuits r mins	CODMIK	1 CS	19 -	9 -	13,03	U [ # 14,870	various	INO	j 23.	)T   0 -	Amucipates closing on Cobank long term loan to pay on Cobank PALOC on 6/1/2022.

\$ 2,748,500

Pennichuck East Utilities Projected 2021 QCPAC Eligible Capital Investment - \$ 2,688,500 \$ 1,669,000 \$ 1,171,950 \$ 1,198,031 
Funded with GoBank Loan<sup>1</sup> - \$ 2,455,647 \$ 1,436,147 \$ 939,950 \$ 966,031 
Funded with SrIF Loan<sup>4</sup> - \$ 232,833 \$ 232,883 \$ 232,800 \$ 232,000 \$ 107,000 
Funded with 0,I DSRR - \$ 30,000 \$ 158,300 \$ 221,000 \$ 107,000 \$ 1

Projected annual property tax expenses for QCPAC eligible projects - \$ 26,801

 Tax rate is the sum of the local community rate plus the Statewide Utility tax rate of \$6.60/\$1000.
 The 2021 PEU Capital Expenditures Budget presented were approved by the Board in Janaury 2021.
 Projected CoBnik Loan Terms are
 Projected SRF Terms for Locke Lake project are 
 6/30/2021 Update
 9/30/2021 Update
 11/30/2021 Update

 \$
 101,898
 66,692
 \$ 68,542

 \$
 11,430
 \$ 11,388
 \$ 11,388

 \$
 13,228
 \$ 78,080
 \$ 79,081
 Pennichuck East Utilities, Inc. DW 21-022 Projected 2022 QCPAC Capital Expenditures 2/11/2021

6/30/2021 Update - Defer Atkinson Station upgrade. Add in Londonderry System Improvements

Revised 10/28/21 for DOE DR1 9/30/2021 Update

11/30/2021 Update

Project Name/Description	Project Description	Work Order#	2022 Approved Budge Amount, Revised to reflect 2020 QCPAC activity		NHPUC Order No. Date of NHPUC Order	Source of Funding	Eligible for 2022 QCPAC Surcharge	Eligible for 2022 QCPAC Surcharge	Community	Taxable	Tax Rate (1)	QCPAC Eligible Property Tax Expense Explanation for Change/Addition/Deletion since Petition Filing
Nellesley Drive water main replacement4	Replace 1760 LF of 2 inch PE with 1760 LF of C900 PVC.		\$ -	CoBank	Pending Filing	CoBank	Yes	\$ -	Pelham	Yes	\$ 21.15	\$ - Project deferred due to available funds being used for Lononderry Tank and W&E
ladcliffe Drive water main replacement4	Replace 720 LF of 1.5 inch PE with 720 LF of C900 PVC.		\$ -	CoBank	Pending Filing	CoBank	Yes	\$ -	Pelham	Yes	\$ 21.15	\$ - Project deferred due to available funds being used for Lononderry Tank and W&E
assar Drive water main replacement4	Replace 1740 LF of 2 inch PE with 1740 LF of C900 PVC.		\$ -	CoBank	Pending Filing	CoBank	Yes	ş -	Pelham	Yes	\$ 21.15	\$ - Project deferred due to available funds being used for Lononderry Tank and W&E
ondonderry System Improvements	Tank, Transmission Main, & Booster Station	2102351	\$ 1,500,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 1,500,000	Londonderry	Yes	\$ 23.33	\$ 34,995 Project delay in permitting will require carry over into 2022
nterconnect the W&E CWS to the Town of Salem Water System.	Interconnect the W&E CWS to the Town of Salem Water System.		\$ 530,00	00 CoBank	Pending Filing	CoBank	Yes	\$ 530,000	Windham	Yes	\$ 23.37	\$ 12,386 Project bid in fall of 2021, material not available until spring 2022.
x revenue investments Normal Run Rate	Per Tariff		\$ 100,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 100,000	Various	Yes	\$ 24.14	\$ 2,414
Londonderry Mountain Homes Station Improvements	Station Expansion for and including Chemical Feed Facilities for re-chloramination.		\$ -	CoBank	Pending Filing	CoBank	Yes	\$ -	Londonderry	Yes	§ 23.33	\$ Project deferred pending additional study and Potential PFOA expansion in Lononderry
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild		\$ 40,0	OO CoBank	Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 24.14	\$ 966
Well Pump replacements	Well Pump replacements		\$ 40,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 24.14	\$ 966
Chemical Feed pump replacements	Chemical Feed pump replacements		\$ 10,0	OO CoBank	Pending Filing	CoBank	Yes	\$ 10,000	Various	Yes	\$ 24.14	\$ 241
Install/replace treatment systems in small CWS.	Install/replace treatment systems in small CWS.		\$ 25,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 25,000	Various	Yes	\$ 24.14	\$ 604
Miscellaneous Structural Improvements	Misc. Structural Improvements		\$ 20,0	OO CoBank	Pending Filing	CoBank	Yes	\$ 20,000	Various	Yes	\$ 24.14	\$ 483
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects		\$ 10,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 10,000	Various	Yes	\$ 24.14	\$ 241
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical		\$ 30,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 30,000	Various	Yes	\$ 24.14	\$ 724
Well Rehabilitation	Well Rehabilitation		\$ 60,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 60,000	Various	Yes	\$ 24.14	\$ 1,448
New Services (5)	Single Family, Owner Build, New Homes		\$ 25,0	OO CoBank	Pending Filing	CoBank	Yes	\$ 25,000	Various	Yes	\$ 24.14	\$ 604
Renewed Services (20)	Replacement of failed services (focus on Locke Lake System).		\$ 110,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 110,000	Pelham	Yes	\$ 21.15	\$ 2,327
Hydrants (5)	Replacement of non-functional hydrants.		\$ 30,0	OO CoBank	Pending Filing	CoBank	Yes	\$ 30,000	Pelham	Yes	\$ 21.15	\$ 635
Gates (8)	Replacement of Failed Gate Valves.		\$ 32,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 32,000	Pelham	Yes	\$ 21.15	\$ 677
Radios (300)	New Customers (220) and replaced failed radios (80) for meter reading.		\$ 31,50	OO CoBank	Pending Filing	CoBank	Yes	\$ 31,500	Various	Yes	\$ 24.14	\$ 760
New meters for new customers (220). Replacement of failed meters (80)	New meters for new customers (220) and replacement meters (80).		\$ 30,0		Pending Filing	CoBank	Yes	\$ 30,000	Various	Yes	\$ 24.14	\$ 724
Meters 5/8"-6" Lead Meter Exchange - PEU (400)	Replace High lead brass meter with new no lead brass meter.		\$ 40,0		Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 24.14	\$ 966
2022 Radios (1000)	Year 2 of 7 year replacement of all PEU radios (all initial radios installed in 2007).		\$ 130,0	OO CoBank	Pending Filing	CoBank	Yes	\$ 130,000	Various	Yes	\$ 24.14	\$ 3,138
Interest on CoBank FALOC	Short term interest from 8/1/2022 - 7/31/2023		\$ 35,0	00 CoBank	Pending Filing	CoBank	Yes	\$ 35,000	Various	No	\$ 24.14	<ul> <li>Anticipates closing on CoBank long term loan to pay off CoBank FALOC on 8/1/2023.</li> </ul>

resulting in P&I of \$

200,689

Pennichuck East Utilities Projected 2022 QCPAC Eligible Capital Investment - \$ 2,828,500 Funded with CoBank Loan<sup>3</sup> - \$ 2,828,500

Projected annual property tax expenses for QCPAC eligible projects -

Tax rate is the sum of the local community rate plus the Statewide Utility tax rate of \$6.60/\$1000
 The 2022 PEU Capital Expenditures Budget presented were approved by the Board in January 2021.
 Projected CoBank Loan Terms are

25 Years at

5.0%

4. The Wellesley, Radcliffe and Vassar Drive water main replacemts will be completed over 2 years with water main replacement occurring in 2022 and final pavement in 2023.

2023 QCPAC Budget

Pennichuck East Utilities, Inc.
DW 21-022
Projected 2023 QCPAC Capital Expenditures
2/11/2021
Revised 6/2/2021 per Staff Tech Session DRI, Revised 10/28/21 DOE DRI
6/30/2021 Update - Add in Atkinson Booster Station replacement. Deferred from 2022
Revised 10/25/2021 for DOE DR1's
9/30/2021 Update
Updated for DOE DR2's 12/01/2021
11/30/2021 Update

11/30/2021 Update		T				T			T				
Project Name/Description	Project Description	Work Order #	2022 Approved Budgeted Amount, Revised to reflect 2020 QCPAC activity	Financing Docket No.	NHPUC Order Date of NHPUC Order	Source of Funding	Eligible for 2022 QCPAC Surcharge	Eligible for 2022 QCPAC Surcharge	Community	Taxable	Tax Rate (1)	QCPAC Eligible Property Tax Expense	Explanation for Change/Addition/Deletion since Petition Filing
Pelham Main Replacement	Monticello & Lane Area Phase 2		\$ 700,000	CoBank	Pending Filing	CoBank	Yes	\$ 700,000	Pelham	Yes	\$ 21.15	\$ 14,805	
Wellesley Drive water main replacement	Replace 1760 LF of 2 inch PE with 1760 LF of C900 PVC (paving).		\$ 70,000	CoBank	Pending Filing	CoBank	Yes	\$ -	Pelham	Yes	\$ 21.15	\$ 1,481	Project deferred due to available funds being used for Montecello project
Radcliffe Drive water main replacement	Replace 720 LF of 1.5 inch PE with 720 LF of C900 PVC (paving).		\$ 50,000	CoBank	Pending Filing	CoBank	Yes	\$ -	Pelham	Yes	\$ 21.15	ş -	Project deferred due to available funds being used for Montecello project
Vassar Drive water main replacement	Replace 1740 LF of 2 inch PE with 1740 LF of C900 PVC (paving).		\$ 70,000	CoBank	Pending Filing	CoBank	Yes	\$ -	Pelham	Yes	\$ 21.15	\$ -	Project deferred due to available funds being used for Montecello project
Atkinson Booster Station	Replace and Upgrade Station for AS treatment and Fire flow.		\$ 600,000	CoBank	Pending Filing	CoBank	Yes	\$ 600,000	Atkinson	Yes	\$ 17.54	\$ 10,524	
Locke Lake	Circle & Emmerson Replace 2100 feet of 2 inch PE.		\$ 250,000	CoBank	Pending Filing	CoBank	Yes	\$ 250,000	Barnstead	Yes	\$ 26.69	\$ 6,673	
1 x revenue investments Normal Run Rate	Per Tariff		\$ 100,000	CoBank	Pending Filing	CoBank	Yes	\$ 100,000	Various	Yes	\$ 24.14	\$ 2,414	
Booster Pump replacement/rebuild	Booster Pump replacement/rebuild		\$ 40,000	CoBank	Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 24.14	\$ 966	
Well Pump replacements	Well Pump replacements		\$ 40,000	CoBank	Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 24.14	\$ 966	
Chemical Feed pump replacements	Chemical Feed pump replacements		\$ 10,000	CoBank	Pending Filing	CoBank	Yes	\$ 10,000	Various	Yes	\$ 24.14	\$ 241	
Install/replace treatment systems in small CWS.	Install/replace treatment systems in small CWS.		\$ 25,000	CoBank	Pending Filing	CoBank	Yes	\$ 25,000	Various	Yes	\$ 24.14	\$ 604	
Miscellaneous Structural Improvements	Miscellaneous Structural Improvements		\$ 20,000	CoBank	Pending Filing	CoBank	Yes	\$ 20,000	Various	Yes	\$ 24.14	\$ 483	
Miscellaneous Fencing and Security projects	Miscellaneous Fencing and Security projects		\$ 10,000	CoBank	Pending Filing	CoBank	Yes	\$ 10,000	Various	Yes	\$ 24.14	\$ 241	
Miscellaneous SCADA/Electrical	Miscellaneous SCADA/Electrical		\$ 30,000	CoBank	Pending Filing	CoBank	Yes	\$ 30,000	Various	Yes	\$ 24.14	\$ 724	
Well Rehabilitation	Well Rehabilitation		\$ 60,000	CoBank	Pending Filing	CoBank	Yes	\$ 60,000	Various	Yes	\$ 24.14	\$ 1,448	
New Services (5)	Single Family, Owner Build, New Homes		\$ 25,000	CoBank	Pending Filing	CoBank	Yes	\$ 25,000	Various	Yes	\$ 24.14	\$ 604	
Renewed Services (20)	Replacement of failed services (focus on Locke Lake System).		\$ 110,000	CoBank	Pending Filing	CoBank	Yes	\$ 110,000	Various	Yes	\$ 24.14	\$ 2,655	
Hydrants (5)	Replacement of non-functional hydrants.		\$ 30,000	CoBank	Pending Filing	CoBank	Yes	\$ 30,000	Various	Yes	\$ 24.14	\$ 724	
Gates (8)	Replacement of Failed Gate Valves		\$ 32,000	CoBank	Pending Filing	CoBank	Yes	\$ 32,000	Various	Yes	\$ 24.14	\$ 772	
Radios (300)	New Customers (220) and replaced failed radios (80) for meter reading.		\$ 31,500	CoBank	Pending Filing	CoBank	Yes	\$ 31,500	Various	Yes	\$ 24.14	\$ 760	
New meters for new customers (220). Replacement of failed meters (80).	New meters for new customers (220)		\$ 30,000	CoBank	Pending Filing	CoBank	Yes	\$ 30,000	Various	Yes	\$ 24.14	\$ 724	
Meters 5/8"-6" Lead Meter Exchange - PEU (400)	Replace High lead brass meter with new no lead brass meter.		\$ 40,000	CoBank	Pending Filing	CoBank	Yes	\$ 40,000	Various	Yes	\$ 24.14	\$ 966	
2022 Radios (1000)	Year 3 of 7 year replacement of all PEU radios (all initial radios installed in 2007).		\$ 130,000	CoBank	Pending Filing	CoBank	Yes	\$ 130,000	Various	Yes	\$ 24.14	\$ 3,138	
Interest on CoBank FALOC	Short term interest from 8/1/2023 - 7/31/2024		\$ 30,000	CoBank	Pending Filing	CoBank	Yes	\$ 30,000	Various	No	S 24.14	S -	Anticipates closing on CoBank long term loan to pay off CoBank FALOC on 8/1/2024.

Pennichuck East Utilities Projected 2023 QCPAC Eligible Capital Investment - \$ 2,343,500

Funded with CoBank Loan<sup>3</sup> - \$ 2,343,500 Projected annual property tax expenses for QCPAC eligible projects -

resulting in P&I of \$ 166,277