

## **TAB 15**

**Summary of Full Rate Case Documents Under Puc 1604.01(a)**

# Summary of Full Rate Case Documents

Docket No. DW 17-128  
Pennichuck East Utility, Inc.  
Request for Change in Rates  
Page 1

Authority	Item	Disposition
Puc 1604(a)(1)	Internal Financial Reports	Waiver Motion Tab 4
Puc 1604(a)(2)	Annual Reports to Stockholders	Waiver Motion Tab 4
Puc 1604(a)(3)	Federal Income Tax Reconciliation	Tab 16
Puc 1604(a)(4)	Detailed Tax Factor Computation	Tab 17
Puc 1604(a)(5)	Charitable Contributions	Waiver Motion Tab 4
Puc 1604(a)(6)	Advertising Charges	Waiver Motion Tab 4
Puc 1604(a)(7)	Recent Cost of Service Study	Waiver Motion Tab 4
Puc 1604(a)(8)	Construction Budget	Tab 18
Puc 1604(a)(9)	Chart of Accounts, if different	Waiver Motion Tab 4
Puc 1604(a)(10)	SEC Filings	Waiver Motion Tab 4
Puc 1604(a)(11)	Membership Fees, Dues, Lobbying Expenses	Waiver Motion Tab 4
Puc 1604(a)(12)	Recent Depreciation Study	Waiver Motion Tab 4
Puc 1604(a)(13)	Management and Financial Audits	Waiver Motion Tab 4
Puc 1604(a)(14)	Officer and Director Compensation	Waiver Motion Tab 4
Puc 1604(a)(15)	Officer and Executive Incentive Plans	Waiver Motion Tab 4
Puc 1604(a)(16)	Voting Stock Controlled by Officers or Directors	Waiver Motion Tab 4
Puc 1604(a)(17)	Material Contract Payments	Tab 20
Puc 1604(a)(18)	Non-Utility Cost Allocations	Waiver Motion Tab 4
Puc 1604(a)(19)	Balance Sheets and Income Statements	Waiver Motion Tab 4
Puc 1604(a)(20)	Quarterly Income Statements	Waiver Motion Tab 4
Puc 1604(a)(21)	Quarterly Sales Volumes	Tab 21
Puc 1604(a)(22)	Projected Need for External Capital	Tab 22
Puc 1604(a)(23)	Capital Budget - Sources and Uses	Tab 23
Puc 1604(a)(24)	Short-Term Debt	Included in Tab 13 at Schedule 6
Puc 1604(a)(25)	Certificate of Management Fee Information	Tab 24
Puc 1604(a)(26)	Support for Testimony	See Testimony and Schedules
Puc 1905.01	Estimated Rate Case Expenses	Tab 25

## **TAB 16**

### **Federal Income Tax Reconciliation**

**Pennichuck East Utilities, Inc.**  
**Federal Income Tax Reconciliation**  
**For the Twelve Months Ended December 31, 2016**

**Provided pursuant to NHPUC Rule 1604.01(3)**

Net income per books for the test year	\$ (128,251)
Addback provision for Federal and State income taxes	47,319
Pretax Book Income before permanent items	<u>(80,932)</u>
Permanent Items:	
50% meals & entertainment expenses	-
Amortization of Municipal Acquisition Regulatory Asset (MARA)	200,394
Disqualifying Dispositions (ISO's)	-
	<u>200,394</u>
Taxable Income	<u>119,461</u>
NHBPT	10,154
Federal Income Tax	37,165
Amortization of Investment Tax Credit	-
Total Income Taxes	<u><u>\$ 47,319</u></u>

**Note:** The following are temporary differences (Schedule M-1 items) that are recorded in Deferred Income Taxes:

Accelerated depreciation/Amortization of CIAC	(646,553)
Book/Tax Difference on disposal of assets	(248,451)
Prior Year's Charitable Contributions	-
Prepaid Expenses	-
A/R Reserve	-
Deferred Debits	4,460
	<u>(890,544)</u>

### F-56 RECONCILIATION OF REPORTED NET INCOME WITH TAXABLE INCOME FOR FEDERAL INCOME TAXES

1. Report hereunder a reconciliation of reported net income for the year with taxable income used in computing Federal income tax accruals and show computations of such tax accruals. The reconciliation shall be submitted even though there is no taxable income for the year. Descriptions should clearly indicate the nature of each reconciling amount.
2. If the utility is a member of group which files a consolidated Federal tax return, reconcile reported net income with taxable net income as if a separate return were to be filed, indicating however, intercompany amounts to be eliminated in such consolidated return. State names of group members, tax assigned to each group member, and basis of allocation, assignment, or sharing of the consolidated tax among group members.

Line No.	Particulars (a)	Amount (b)
1	Net income for the year per Income Statement, schedule F-2	\$ (128,251)
2	Income taxes per Income Statement, schedule F-2 and account 439, Adjustments to Retained Earnings.	\$ 47,319
3	Other Reconciling amounts (list first additional income and unallowable deductions, followed by additional deductions and nontaxable income):	
4	Temporary Differences:	
5		
6		
7		
8	Charitable Contributions	\$ -
9	Prepaid Expenses	\$ -
10	A/R Reserve	\$ (6,545)
11	Deferred Debits	\$ 4,460
12	Accelerated depreciation	\$ (646,553)
13	AFUDC	\$ -
14	Book/Tax Difference on disposal of assets	\$ (248,451)
15	Total Temporary Differences	\$ (897,089)
16		
17		
18		
19	New Hampshire Taxable Income	\$ (978,021)
20		
21		
22	New Hampshire Business Profits Tax	\$ -
23	New Hampshire Business Enterprise Tax	\$ -
24		
25		
26		
27		
28	Federal taxable net	\$ (978,021)
29	Computation of tax:	
30		
31	Pre Tax Income	\$ (80,932)
32		
33	New Hampshire Business Profits Tax @ 8.5% and Business Enterprise Tax	\$ 10,154
34	Federal Income Tax @ 34%	\$ 37,165
35		
36	Amortization of Investment Tax Credit	
37		
38		
39		
40	Total Income Taxes	\$ 47,319

Pennichuck East Utilities, Inc  
Analysis of Income Tax Provisions for PEU  
For the Twelve Months Ended December 31, 2016

	PEU
(a) YTD Net Income (Loss)	\$ (80,932)
Adjustment for permanent Book/Tax Differences:	
50% of meals and entertainment expenses	\$ -
Amortization of MARA	\$ 200,394
Disqualifying Dispositions (ISO's)	\$ -
NH book taxable income (loss)	\$ 119,462
<b>(b) NHBPT 8.2% (adj for credit by entity) - benefit (provision)</b>	\$ (9,796)
Federal book taxable income (loss)	\$ 109,666
Federal tax at 34%	\$ (37,286)
Plus: amortization of ITC	\$ -
(c) Net Federal Tax Provision - benefit (provision)	\$ (37,286)
Net Income (a)+(b)+(c)	\$ (128,014)

Bifurcation of Provision for Miscellaneous Non-utility Expense

(a) Non-Utility Expense - gross	\$ -
<b>(b) NHBPT 8.2% (adj credit by entity) - benefit (provision)</b>	\$ -
Federal book taxable income (loss)	\$ -
(c) Federal tax at 34% - benefit (provision)	\$ -
Net Non-Utility Expense (a)+(b)+(c)	\$ -

Total Federal Benefit (Provision)	\$ (37,286)
Less: Federal Benefit applicable to Non-utility Expense (netted against that value)	\$ -
Less: ITC credit	\$ -
(A) Net Federal Provision included in Operating Expenses	\$ (37,286)

Total State Benefit (Provision)	\$ (9,796)
Less: State Benefit applicable to Non-utility Expense (netted against that value on	\$ -
(B) Net State Provision included in Operating Expenses	\$ (9,796)

(A) Net Federal Provision included in Operating Expenses	\$ (37,286)
Less: Change in Federal deferred taxes 12/31/16 versus 12/31/15	\$ (106,380)
Net Amount applicable to current taxes	\$ 69,094

**\$ (277,019)**

**(B) Net State Provision included in Operating Expenses**

**Less: Change in State deferred taxes 12/31/16 versus 12/31/15**

**Net Amount applicable to current taxes**

**\$ (9,796)**

**\$ (19,333)**

**\$ 9,537**

**\$ (15,239)**

## **TAB 17**

### **Detailed Tax Factor Computation**



**Computation of Detailed Tax Factor**  
**Pennichuck East Utility, Inc.**  
**December 31, 2016**

**Provided pursuant to NHPUC Rule 1604.01(4)**

Taxable Income	100.00%
Less: NH Business Profits Tax	<u>8.20%</u> Updated from 8.5 to 8.2 per George.
Federal Taxable Income	91.80%
Federal Income Tax Rate	<u>34.00%</u>
Effective Federal Income Tax Rate	31.21%
Add: NH Business Profits Tax	<u>8.20%</u>
Effective Tax Rate	<u><u>39.41%</u></u>
Percent of Income Available if No Tax	100.00%
Effective Tax Rate	<u>39.41%</u>
Percent Used as a Divisor in Determining the Revenue Requirement	<u><u>60.59%</u></u>

## **TAB 18**

### **Most Recent Construction Budget**

**Pennichuck East Utilities, Inc.  
Capital and Construction Budget 2017**

Provided pursuant to NHPUC Rule 1604.01(8)

Department	2016 Carryover/Multi-year Projects	Project Description	Total 2017 incl O/H
T&D - PEU			-
T&D - PEU			-
<b>Subtotal 2016 Carryover/Multi-year Projects</b>			-

Department	New 2017 Projects	Project Description	Total 2017 incl O/H
T&D - PEU	5 New Services	5 New Services	23.00
T&D - PEU	10 Renewed Services	10 Renewed Services	32.00
T&D - PEU	2 Hydrants	2 Hydrants	10.00
T&D - PEU	10 Valve Replacements	10 Valve Replacements	24.00
T&D - PEU	75 New Meters (growth) 5/8"-2"	75 New Meters (growth) 5/8"-2"	14.00
T&D - PEU	441 New Meters for Lead Meter exchanges 5/8"-6'	441 New Meters for Lead Meter exchanges 5/8"-6'	94.50
<b>Subtotal New 2017 Projects</b>			197.50
<b>Total 2017 Capital Projects Budget</b>			<b>197.50</b>

Department	2016 Carryover/Multi-year Projects	Project Description	Total 2017 incl O/H
Engineering	PWW-PEU Interconnection	Design and Permitting	100.00
Engineering	Hardwood New Source	Permitting & Construction	100.00
Engineering	Locke Lake New Source	Permitting & Construction	50.00
<b>Subtotal 2016 Carryover/Multi-year Projects</b>			250.00

Department	New 2017 Projects	Project Description	Total 2017 incl O/H
Engineering	Maple Hills	Brady Avenue Main Replacement	570.00
Engineering	PWW-PEU Interconnection	Construction	2,377.00
Engineering	Hillcrest Road Replacement	Construction	240.00
Engineering	Hardwood New Source	Additional New source	200.00

**Pennichuck East Utilities, Inc.  
Capital and Construction Budget 2017**

Provided pursuant to NHPUC Rule 1604.01(8)

Department	2016 Carryover/Multi-year Projects	Project Description	Total 2017 incl O/H
Engineering	Locke Lake	New Source Construction	800.00
		Subtotal New 2017 Projects	4,187.00
		Total 2017 Capital Projects Budget	<b>4,437.00</b>

Department	2016 Carryover/Multi-year Projects	Project Description	Total 2017 incl O/H
Water Supply	Weinstein Well Rehab	The Town of Hudson is rehabbing the Weinstein Well PEU is contractually obligated to pay 15% of the cost of this rehab.	70.00
		Subtotal 2016 Carryover/Multi-year Projects	70.00

Department	New 2017 Projects	Project Description	Total 2017 incl O/H
Water Supply	Booster/Well/Chemical Feed pump replacements	Booster/Well/Chemical Feed pump replacements	60.00
Water Supply	Miscellaneous Structural Improvements	Miscellaneous Structural Improvements	20.00
Water Supply	Install/replace treatment systems	Install/replace treatment systems	40.00
Water Supply	PEU well rehabilitation (4 locations)	PEU well rehabilitation (4 locations)	25.00
Water Supply	replace various instrumentation	replace various instrumentation	40.00
Water Supply	Miscellaneous Mechanical Improvements	Miscellaneous Mechanical Improvements	40.00
Water Supply	New Garage/Office - North Country Operations	New Garage/Office - North Country Operations	320.00
		Subtotal New 2017 Projects	545.00
		Total 2017 Capital Projects Budget	<b>615.00</b>

**Pennichuck East Utilities, Inc.  
Capital and Construction Budget 2017**

Provided pursuant to NHPUC Rule 1604.01(8)

Department	2016 Carryover/Multi-year Projects	Project Description	Total 2017 incl O/H
<b>2016 Carryover/Multi-year Projects - Total PEU</b>			<b>320.00</b>
<b>New 2017 Projects - Total PEU</b>			<b>4,929.50</b>
<b>Total Capital Budget - PEU</b>			<b>5,249.50</b>
 <u>Breakout</u>			
Land			-
Buildings			340.00
Equipment & software			4,909.50
			<b>5,249.50</b>

**Pennichuck East Utilities, Inc.  
Capital and Construction Budget 2018**

Department	2017 Carryover/Multi-year Projects
Engineering	Paving and Restoration

Department	New 2018 Projects
Engineering	Station Rebuilds
Engineering	Pelham
Engineering	Gage Hill
Engineering	Londonderry main replacement

Department	2017 Carryover/Multi-year Projects
Water Supply	

Department	New 2018 Projects
Water Supply	Booster/Well/Chemical Feed pump replacements
Water Supply	Miscellaneous Structural Improvements
Water Supply	Install/replace treatment systems
Water Supply	PEU well rehabilitation (4 locations)
Water Supply	replace various instrumentation
Water Supply	Miscellaneous Mechanical Improvements
Water Supply	Rehabilitate 2 wells, White Rock Station

Department	2017 Carryover/Multi-year Projects
T&D	

Department	New 2018 Projects
T&D	5 New Services
T&D	10 Renewed Services
T&D	2 Hydrants
T&D	10 Valve Replacements
T&D	75 New Meters (growth) 5/8"-2"
T&D	401 New Meters for Lead Meter exchanges 5/8"-6'

**2017 Carryover/Multi-year Projects - Total PEU**

**New 2018 Projects - Total PEU**

**Total Capital Budget - PEU**

Provided pursuant to NHPUC Rule 1604.01(8)

Project Description	Total 2018 incl O/H
	50.00
<b>Subtotal 2017 Carryover/Multi-year Projects</b>	50.00

Project Description	Total 2018 incl O/H
<b>Goldenbrook MOVE TO 2019</b>	-
Monticello & Lane Road 2,400 lf	550.00
Main Replacement	600.00
Londonderry main replacement	500.00
<b>Subtotal New 2018 Projects</b>	1,650.00
<b>Total 2018 Capital Projects Budget</b>	<b>1,700.00</b>

Project Description	Total 2018 incl O/H
	-
<b>Subtotal 2017 Carryover/Multi-year Projects</b>	-

Project Description	Total 2018 incl O/H
Booster/Well/Chemical Feed pump replacements	60.00
Miscellaneous Structural Improvements	20.00
Install/replace treatment systems	40.00
PEU well rehabilitation (4 locations)	25.00
replace various instrumentation	20.00
Miscellaneous Mechanical Improvements	40.00
	40.00
	-
Rehabilitate 2 wells, White Rock Station	
	245.00
<b>Subtotal New 2018 Projects</b>	
<b>Total 2018 Capital Projects Budget</b>	<b>245.00</b>



Project Description	Total 2018 incl O/H
	-
<b>Subtotal 2017 Carryover/Multi-year Projects</b>	-

Project Description	Total 2018 incl O/H
5 New Services	24
10 Renewed Services	35
2 Hydrants	11
10 Valve Replacements	61
75 New Meters (growth) 5/8"-2"	14
401 New Meters for Lead Meter exchanges 5/8"-6'	95
	-
	-
	-
<b>Subtotal New 2018 Projects</b>	<b>239.00</b>
<b>Total 2018 Capital Projects Budget</b>	<b>239.00</b>

50.00
2,134.00
2,184.00

**Breakout**

Land	0.00
Buildings	20.00
Equipment & software	2,164.00
	2,184.00

**Pennichuck East Utilities, Inc.  
Capital and Construction Budget 2019**

<b>Department</b>	<b>2018 Carryover/Multi-year Projects</b>
Engineering	Misc Paving and Restoration

<b>Department</b>	<b>New 2019 Projects</b>
Engineering	Various systems
Engineering	Locke Lake
Engineering	Station Rebuilds
Engineering	Londonderry main replacement

<b>Department</b>	<b>2018 Carryover/Multi-year Projects</b>
Water Supply	

<b>Department</b>	<b>New 2019 Projects</b>
Water Supply	Booster/Well/Chemical Feed pump replacements
Water Supply	Miscellaneous Structural Improvements
Water Supply	Install/replace treatment systems
Water Supply	PEU well rehabilitation (4 locations)
Water Supply	replace various instrumentation
Water Supply	Remote Cellular Alarming (3 locations)
Water Supply	Miscellaneous Electrical/SCADA improvements
Water Supply	Rehabilitate 2 wells, White Rock Station
Water Supply	Miscellaneous Mechanical Improvements



Department	2018 Carryover/Multi-year Projects
T&D	

Department	New 2019 Projects
T&D	5 New Services
T&D	10 Renewed Services
T&D	2 Hydrants
T&D	10 Valve Replacements
T&D	75 New Meters (growth) 5/8"-2"
T&D	705 New Meters for Lead Meter exchanges 5/8"-6'

**2018 Carryover/Multi-year Projects - Total PEU**

**New 2019 Projects - Total PEU**

**Total Capital Budget - PEU**

Provided pursuant to NHPUC Rule 1604.01(8)

Project Description	Total 2019 incl O/H
Misc Paving and Restoration	50.00
<b>Subtotal 2018 Carryover/Multi-year Projects</b>	50.00

Project Description	Total 2019 incl O/H
Main Replacement	700.00
Source related improvements	200.00
Goldenbrook	800.00
Londonderry main replacement	500.00
	-
<b>Subtotal New 2019 Projects</b>	2,200.00
<b>Total 2019 Capital Projects Budget</b>	<b>2,250.00</b>

Project Description	Total 2019 incl O/H
n/a	-
<b>Subtotal 2018 Carryover/Multi-year Projects</b>	-

Project Description	Total 2019 incl O/H
Booster/Well/Chemical Feed pump replacements	60.00
Miscellaneous Structural Improvements	15.00
Install/replace treatment systems	40.00
PEU well rehabilitation (4 locations)	30.00
replace various instrumentation	20.00
Remote Cellular Alarming (3 locations)	15.00
Miscellaneous Electrical/SCADA improvements	20.00
Rehabilitate 2 wells, White Rock Station	40.00
Miscellaneous Mechanical Improvements	40.00
	-

	280.00
Subtotal New 2019 Projects	
Total 2019 Capital Projects Budget	280.00

Project Description	Total 2019 incl O/H
n/a	-
Subtotal 2018 Carryover/Multi-year Projects	-

Project Description	Total 2019 incl O/H
5 New Services	25.00
10 Renewed Services	37.00
2 Hydrants	12.00
10 Valve Replacements	64.00
75 New Meters (growth) 5/8"-2"	14.70
705 New Meters for Lead Meter exchanges 5/8"-6"	140.70
	-
Subtotal New 2019 Projects	293.40
Total 2019 Capital Projects Budget	293.40

50.00

2,773.40

2,823.40

**Breakout**

Land	0.00
Buildings	15.00
Equipment & software	2,808.40
	2,823.40

## **TAB 19**

### **Officer and Director Compensation**

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See Motion for Waiver TAB 4

## **TAB 20**

**Payments for Contractual Services in Excess of \$10,000.00**



**Pennichuck East Utilities, Inc.**  
**Contractual Services over \$10,000**  
**For the Twelve Months Ended December 31, 2016**

Provided pursuant to NHPUC Rule 1604.01(17)

	Name	Address			Amount	Purpose
American Excavating Corp	American Excavating Corp	5 MADDEN ROAD	DERRY	NH	25,154	Construction Services - Water main installation
Bigg Dawg Landscaping	Bigg Dawg Landscaping	57 HILBREN ROAD	WEARE	NH	31,200	Landscaping Services - Station Grounds maintenance
Constellation NewEnergy Inc. 78454	Constellation NewEnergy Inc. 78454	14217 COLLECTIONS CENTER DR	CHICAGO	IL	13,108	Electricity Supply Provider
CSSI Corp	CSSI	513 DONALD STREET	BEDFORD	NH	22,840	Construction Services - Water main installation
DBU Construction	DBU Construction	PO BOX 984	EPSOM	NH	61,619	Construction Services - Water main installation
ELECTRICAL INSTALLATIONS, INC	ELECTRICAL INSTALLATIONS, INC	397 WHITTIER HWY	MOULTONBORO	NH	36,633	Electrical Installations & Maintenance Services
EnergyNorth Propane	ENERGYNORTH PROPANE	75 REGIONAL DRIVE	CONCORD	NH	22,633	Fuel Supplier - Booster Stations Heat and Gensets
Eversource	Eversource	PO BOX 650047	DALLAS	TX	149,915	Electricity Distribution Services
Fences Unlimited Inc	Fences Unlimited Inc	25 INDIAN ROCK ROAD	WINDHAM	NH	24,115	Construction Services - Security Fence
Francoeur Bros., Inc	FRANCOEUR BROS., INC.	220 DERRY ROAD	HUDSON	NH	57,645	Water Delivery - Emergency trucked water
Granite State Analytical, Inc.	GRANITE STATE ANALYTICAL INC	22 MANCHESTER ROAD	DERRY	NH	24,160	Laboratory Services - Water Analysis
HARCROS CHEMICALS, INC. 77256	HARCROS CHEMICALS, INC.	PO BOX 74583	CHICAGO	IL	10,881	Chemical Supplier - Water Treatment chemicals
Hickory Woods	Hickory Woods	15 DARTMOUTH DR #102	AUBURN	NH	18,722	One times Revenue Investment in Main Extension
Hooksett Village Water District	Hooksett Village Water District	PO BOX 16383	HOOKSETT	NH	38,451	Purchased Water
HydroSource Associates, Inc	HydroSource Associates, Inc	P.O. BOX 609	ASHLAND	NH	35,190	Hydrological services - new well location and permitting
John H. Lyman & Sons, Inc	John H. Lyman & Sons, Inc	310 HOYT ROAD	GILFORD	NH	2,093,226	Construction Services - Water main installation
Joseph P. Cardillo & Son, Inc	Joseph P. Cardillo & Son, Inc	ONE MELVIN STREET	WAKEFIELD	MA	304,686	Construction Services - Water main installation
L.C. Engineering Co., LLC	L.C. Engineering Co., LLC	8 SAVAGE COURT	PEMBROKE	NH	59,085	Construction Services
Liberty Utilities	LIBERTY UTILITIES	PO BOX 11738	NEWARK	NJ	59,523	Electricity Distribution Services
Manchester Water Works	MANCHESTER WATER WORKS	PO BOX 9677	MANCHESTER	NH	345,956	Purchased Water
Manchester Water Works	Manchester Water Works	281 LINCOLN ST	MANCHESTER	NH	230,747	MSDC Charge
N. Granese & Sons, Inc	N. Granese & Sons, Inc	59 JEFFERSON AVENUE	SALEM	MA	1,070,721	Construction Services - Water main installation
NH Electric Cooperative, Inc.	NH ELECTRIC COOPERATIVE, INC.	PO BOX 9612	MANCHESTER	NH	26,999	Electricity Distribution Services
North Conway Water Precinct	NORTH CONWAY WATER PRECINCT	104 SAWMILL LANE	NORTH CONWAY	NH	44,638	Purchased Water
Northeast Earth Mechanics, Inc	Northeast Earth Mechanics, Inc	159 BARNSTEAD ROAD	PITTSFIELD	NH	214,486	Construction Services - Water main installation
Parsons Brinckerhoff, Inc	Parsons Brinckerhoff, Inc	PO BOX 732476	DALLAS	TX	16,055	
Pinnacle Towers, Inc.	Pinnacle Towers, Inc.	PO BOX 409250	ATLANTA	GA	11,785	Tower Rental for SCADA Radio Antenna
Power Up Generator Service LLC	Power Up Generator Service LLC	8 PRISCILLA LANE	AUBURN	NH	15,067	Emergency Genset Maintenance Services
Rath Young & Pignatelli PC	Rath Young & Pignatelli PC	PO BOX 1500	CONCORD	NH	15,390	Legal Services
RE Prescott	R.E. PRESCOTT CO., INC.	10 RAILROAD AVE	EXETER	NH	13,963	Water Treatment Equipment & Media
RH White Construction	R H WHITE CONSTRUCTION CO., INC.	41 CENTRAL STREET	AUBURN	MA	10,966	Construction Services
S.U.R. Construction West, Inc	S.U.R. Construction West, Inc	51 PAYNE ROAD	WINCHESTER	NH	749,029	Construction Services - Water main installation
Smith Pump, Inc.	SMITH PUMP, INC	48 LONDONDERRY TURNPIKE	HOOKSETT	NH	20,770	Installer and Supplier- pumps, pipes, wires
TI SALES INC 77585	TI SALES INC 77585	36 HUDSON ROAD ROUTE 27	SUDBURY	MA	41,543	Inventory Provider - Meters
Town of Derry	TOWN OF DERRY - WATER BILL	TAX COLLECTOR	DERRY	NH	120,156	Purchased Water
Town of Hudson	TOWN OF HUDSON - WATER UTILITY	12 SCHOOL STREET	HUDSON	NH	379,716	Purchased Water
Unitil Energy Systems	UNITIL ENERGY SYSTEMS	PO BOX 981010	BOSTON	MA	29,487	Electricity Distribution Services
Weston & Sampson Engineers, Inc	Weston & Sampson Engineers, Inc	5 CENTENNIAL DRIVE	PEABODY	MA	20,860	Construction Services
Wind River Environmental LLC 77900	Wind River Environmental LLC 77900	577 MAIN STREET	HUDSON	MA	18,917	Commercial Pumping

Total Contractual Services 6,486,036

000395

## A-7 PAYMENTS TO INDIVIDUALS

List names of all individuals, partnerships, or corporations to whom payments totaling \$10,000 or more for services rendered were made or accrued during the year, and the amount paid or accrued to each. Where payments or accruals to the individual members of a partnership or firm together total \$10,000 or more, list each individual and the amount paid or due each.

Line No.	Name	Address	Amount
1	American Excavating Corp	5 MADDEN ROAD	DERRY NH 03038 25,153.91
2	Bigg Dawg Landscaping	57 HILBREN ROAD	WEARE NH 03281 31,200.00
3	Constellation NewEnergy Inc. 78454	14217 COLLECTIONS CENTER DR	CHICAG IL 60693-0142 13,108.04
4	CSSI Corp	513 DONALD STREET	BEDFOR NH 03110 22,840.24
5	DBU Construction	PO BOX 984	EPSOM NH 03234-0984 61,618.50
6	ELECTRICAL INSTALLATIONS, INC	397 WHITTIER HWY	MOULTON NH 03254 36,632.56
7	EnergyNorth Propance	75 REGIONAL DRIVE	CONCOFF NH 03301-8504 22,632.97
8	Eversource	PO BOX 650047	DALLAS TX 75265-0047 149,915.06
9	Fences Unlimited Inc	THE COMMONS	25 INDIAN ROCK RD WINDHAM NH 03087 24,115.00
10	Francoeur Bros., Inc	220 DERRY ROAD	HUDSON NH 03051 57,645.00
11	Granite State Analytical, Inc.	ACCOUNTS RECEIVABLE	22 MANCHESTER RD DERRY NH 03038 24,159.80
12	HARCROS CHEMICALS, INC. 77256	PO BOX 74583	BR 0029 CHICAG IL 60690 10,880.99
13	Hickory Woods	15 DARTMOUTH DR #102	AUBURN NH 03032 18,722.24
14	Hooksett Village Water District	PO BOX 16383	HOOKSETT NH 03106-6383 38,451.00
15	HydroSource Associates, Inc	P.O. BOX 609	ASHLAND NH 03217 35,190.44
16	John H. Lyman & Sons, Inc	310 HOYT ROAD	GILFORD NH 03249 2,093,226.17
17	Joseph P. Cardillo & Son, Inc	ONE MELVIN STREET	WAKEFIELD MA 01880 304,686.00
18	L.C. Engineering Co., LLC	8 SAVAGE COURT	PEMBROKE NH 03275-1313 59,085.00
19	Liberty Utilities	75 REMITTANCE DRIVE	SUITE 1032 CHICAG IL 60675-1032 59,522.67
20	Manchester Water Works	PO BOX 9677	MANCHESTER NH 03108-9677 345,955.94
21	Manchester Water Works	281 LINCOLN ST	MANCHESTER NH 03108-9677 230,747.00
22	N. Granese & Sons, Inc	59 JEFFERSON AVENUE	SALEM MA 01970 1,070,721.45
23	NH Electric Cooperative, Inc.	PO BOX 9612	MANCHESTER NH 03108-9612 26,998.78
24	North Conway Water Precinct	104 SAWMILL LANE	PO BOX 630 NORTH NH 03860-0630 44,637.54
25	Northeast Earth Mechanics, Inc	159 BARNSTEAD ROAD	PITTSFIELD NH 03263 214,485.73
26	Parsons Brinckerhoff, Inc	PO BOX 732476	DALLAS TX 75373-2476 16,055.00
27	Pinnacle Towers, Inc.	PO BOX 409250	ATLANTA GA 30384-9250 11,785.36
28	Power Up Generator Service LLC	8 PRISCILLA LANE	UNIT #6 AUBURN NH 03032 15,067.27
29	Rath Young & Pignatelli PC	PO BOX 1500	CONCOFF NH 03302-1500 15,389.50
30	RE Prescott	10 RAILROAD AVE	EXETER NH 03833 13,963.14
31	RH White Construction	PO BOX 404	41 CENTRAL STREET AUBURN MA 01501 10,966.14
32	S.U.R. Construction West, Inc	51 PAYNE ROAD	WINCHESTER NH 03470 749,028.57
33	Smith Pump, Inc.	48 LONDONDERRY TURNPIKE	PO BOX 16358 HOOKSETT NH 03106 20,770.40
34	State of NH	DEPT OF REVENUE ADMINISTRATION	PO BOX 637 CONCOFF NH 03302-0637 212,712.00
35	State of NH	PUBLIC UTILITIES COMMISSION	21 S FRUIT ST, STE 1 CONCOFF NH 03301 22,490.00
36	TI SALES INC 77585	36 HUDSON ROAD ROUTE 27	SUDBURY MA 01776-2097 41,543.08
37	Town of Barnstead	PO BOX 11	108 SO BARNSTEAD CENTER NH 03225 192,120.69
38	Town of Bow	CATE DE VASTO - TAX COLLECTOR	10 GRANDVIEW ROAD BOW NH 03304 19,924.00
39	Town of Conway	1634 EAST MAIN STREET	CENTER NH 03813 24,264.00
40	Town of Derry	TAX COLLECTOR	14 MANNING STREET DERRY NH 03038 120,156.21
41	Town of Derry	TAX COLLECTOR	PO BOX 9673 MANCHESTER NH 03108-9673 27,695.81
42	Town of Hooksett	35 MAIN STREET	HOOKSETT NH 03106 16,784.00
43	Town of Hudson	WATER UTILITY	12 SCHOOL STREET HUDSON NH 03051 379,715.75
44	Town of Litchfield	TAX COLLECTOR	2 LIBERTY WAY, SUITE 1 LITCHFIELD NH 03052 204,759.00
45	Town of Londonderry	OFFICE OF TAX COLLECTOR	268B MAMMOTH RD LONDONDERRY NH 03053 149,228.81
46	Town of Middleton	182 KINGS HIGHWAY	MIDDLETON NH 03887 19,582.00
47	Town of Pelham	TAX COLLECTOR	6 VILLAGE GREEN PELHAM NH 03076 140,690.00
48	Town of Raymond	TAX COLLECTOR	4 EPPING STREET RAYMOND NH 03077 108,089.57
49	Town of Tilton	TAX COLLECTOR	257 MAIN STREET TILTON NH 03276 11,798.00
50	Town of Windham	TAX COLLECTOR	3 NORTH LOWELL RD WINDHAM NH 03087-1605 76,346.71
51	Unitil Energy Systems	PO BOX 981010	BOSTON MA 02298-1010 29,487.12
52	Weston & Sampson Engineers, Inc	5 CENTENNIAL DRIVE	PEABODY MA 01960-7985 20,859.80
53	Wind River Environmental LLC 77900	577 MAIN STREET	SUITE 110 HUDSON MA 01749 18,916.94
54	Total		7,712,520.90

## A-7 PAYMENTS TO INDIVIDUALS

List names of all individuals, partnerships, or corporations to whom payments totaling \$10,000 or more for services rendered were made or accrued during the year, and the amount paid or accrued to each. Where payments or accruals to the individual members of a partnership or firm together total \$10,000 or more, list each individual and the amount paid or due each.

Line No.	Name	Address	Amount
1	John H. Lyman & Sons, Inc	310 HOYT ROAD	GILFORD NH 03249 2,093,226.17
2	N. Granese & Sons, Inc	59 JEFFERSON AVENUE	SALEM MA 01970 1,070,721.45
3	S.U.R. Construction West, Inc	51 PAYNE ROAD	WINCHESTER NH 03470 749,028.57
4	Town of Hudson	WATER UTILITY	HUDSON NH 03051 379,715.75
5	Manchester Water Works	PO BOX 9677	MANCHESTER NH 03108-9677 345,955.94
6	Joseph P. Cardillo & Son, Inc	ONE MELVIN STREET	WAKEFIELD MA 01880 304,686.00
7	Manchester Water Works	PO BOX 9677	MANCHESTER NH 03108-9677 230,747.00
8	Northeast Earth Mechanics, Inc	159 BARNSTEAD ROAD	PITTSFIELD NH 03263 214,485.73
9	State of NH	DEPT OF REVENUE ADMINISTRATION	CONCORD NH 03302-0637 212,712.00
10	Town of Litchfield	TAX COLLECTOR	LITCHFIELD NH 03052 204,759.00
11	Town of Barnstead	PO BOX 11	CENTER BARNSTEAD NH 03225 192,120.69
12	Eversource	PO BOX 650047	DALLAS TX 75265-0047 149,915.06
13	Town of Londonderry	OFFICE OF TAX COLLECTOR	LONDONDERRY NH 03053 149,228.81
14	Town of Pelham	TAX COLLECTOR	PELHAM NH 03076 140,690.00
15	Town of Derry	TAX COLLECTOR	DERRY NH 03038 120,156.21
16	Town of Raymond	TAX COLLECTOR	RAYMOND NH 03077 108,089.57
17	Town of Windham	TAX COLLECTOR	WINDHAM NH 03087-1605 76,346.71
18	DBU Construction	PO BOX 984	EPSOM NH 03234-0984 61,618.50
19	Liberty Utilities	75 REMITTANCE DRIVE	CHICAGO IL 60675-1032 59,522.67
20	L.C. Engineering Co., LLC	8 SAVAGE COURT	PEMBROKE NH 03275-1313 59,085.00
21	Francoeur Bros., Inc	220 DERRY ROAD	HUDSON NH 03051 57,645.00
22	North Conway Water Precinct	104 SAWMILL LANE	NORTH CONWAY NH 03860-0630 44,637.54
23	TI SALES INC 77585	36 HUDSON ROAD ROUTE 27	SUDBURY MA 01776-2097 41,543.08
24	Hooksett Village Water District	PO BOX 16383	HOOKSETT NH 03106-6383 38,451.00
25	ELECTRICAL INSTALLATIONS, INC	397 WHITTIER HWY	MOULTONBORO NH 03254 36,632.56
26	HydroSource Associates, Inc	P.O. BOX 609	ASHLAND NH 03217 35,190.44
27	Bigg Dawg Landscaping	57 HILBREN ROAD	WEARE NH 03281 31,200.00
28	Unitil Energy Systems	PO BOX 981010	BOSTON MA 02298-1010 29,487.12
29	Town of Derry	TAX COLLECTOR	MANCHESTER NH 03108-9673 27,695.81
30	NH Electric Cooperative, Inc.	PO BOX 9612	MANCHESTER NH 03108-9612 26,998.78
31	American Excavating Corp	5 MADDEN ROAD	DERRY NH 03038 25,153.91
32	Town of Conway	1634 EAST MAIN STREET	CENTER CONWAY NH 03813 24,264.00
33	Granite State Analytical, Inc.	ACCOUNTS RECEIVABLE	DERRY NH 03038 24,159.80
34	Fences Unlimited Inc	THE COMMONS	WINDHAM NH 03087 24,115.00
35	CSSI Corp	513 DONALD STREET	BEDFORD NH 03110 22,840.24
36	EnergyNorth Propane	75 REGIONAL DRIVE	CONCORD NH 03301-8504 22,632.97
37	State of NH	PUBLIC UTILITIES COMMISSION	CONCORD NH 03301 22,490.00
38	Weston & Sampson Engineers, Inc	5 CENTENNIAL DRIVE	PEABODY MA 01960-7985 20,859.80
39	Smith Pump, Inc.	48 LONDONDERRY TURNPIKE	HOOKSETT NH 03106 20,770.40
40	Town of Bow	CATE DE VASTO - TAX COLLECTOR	BOW NH 03304 19,924.00
41	Town of Middleton	182 KINGS HIGHWAY	MIDDLETON NH 03887 19,582.00
42	Wind River Environmental LLC 77900	577 MAIN STREET	HUDSON MA 01749 18,916.94
43	Hickory Woods	15 DARTMOUTH DR #102	AUBURN NH 03032 18,722.24
44	Town of Hooksett	35 MAIN STREET	HOOKSETT NH 03106 16,784.00
45	Parsons Brinckerhoff, Inc	PO BOX 732476	DALLAS TX 75373-2476 16,055.00
46	Rath Young & Pignatelli PC	PO BOX 1500	CONCORD NH 03302-1500 15,389.50
47	Power Up Generator Service LLC	8 PRISCILLA LANE	AUBURN NH 03032 15,067.27
48	RE Prescott	10 RAILROAD AVE	EXETER NH 03833 13,963.14
49	Constellation NewEnergy Inc. 78454	14217 COLLECTIONS CENTER DR	CHICAGO IL 60693-0142 13,108.04
50	Town of Tilton	TAX COLLECTOR	TILTON NH 03276 11,798.00
51	Pinnacle Towers, Inc.	PO BOX 409250	ATLANTA GA 30384-9250 11,785.36
52	RH White Construction	PO BOX 404	AUBURN MA 01501 10,966.14
53	HARCROS CHEMICALS, INC. 77256	PO BOX 74583	CHICAGO IL 60690 10,880.99
54	Total		7,712,520.90

## **TAB 21**

### **Quarterly Sales Volumes**

**Pennichuck East Utility, Inc.**  
**Quarterly Sales Volume Schedule for**  
**For the Period January 1, 2014 to December 31, 2015**

**Provided pursuant to NHPUC Rule 1604.01(21)**

**2014**

Customer Type	March \$	March Cons.	June \$	June Cons.	September \$	September Cons.	December \$	December Cons.	Total \$	Total Cons.
Residential	\$ 1,148,951	111,784	\$ 1,211,849	122,038	\$ 1,645,415	194,109	\$ 1,230,528	124,947	\$ 5,236,743	552,878
Commercial	\$ 184,181	16,610	\$ 189,506	17,768	\$ 223,645	22,989	\$ 208,740	20,228	\$ 806,072	77,595
Industrial	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-
Municipal	\$ 171,983	1,421	\$ 173,727	1,696	\$ 170,733	1,263	\$ 182,096	1,606	\$ 698,540	5,986
	\$ 1,505,116	129,815	\$ 1,575,083	141,502	\$ 2,039,793	218,361	\$ 1,621,364	146,781	\$ (3,356) Abatements	
									\$ (4,444) Other Adjustments	
									\$ <b>6,733,555 Total Water Billed</b>	
									\$ (2,793) Unbilled Revenue	
									\$ 216,480 Recoupment	
									<u>\$ 6,947,242</u>	<u>636,459</u>

**2015**

Customer Type	March \$	March Cons.	June \$	June Cons.	September \$	September Cons.	December \$	December Cons.	Total \$	Total Cons.
Residential	\$ 1,143,999	111,657	\$ 1,366,832	147,423	\$ 1,744,489	205,983	\$ 1,336,048	139,961	\$ 5,591,368	605,024
Commercial	\$ 181,515	15,753	\$ 200,512	18,788	\$ 240,336	24,994	\$ 218,296	21,471	\$ 840,659	81,006
Industrial	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-
Municipal	\$ 177,564	1,255	\$ 181,698	1,662	\$ 176,098	874	\$ 180,910	1,553	\$ 716,270	5,344
	\$ 1,503,079	128,665	\$ 1,749,042	167,873	\$ 2,160,922	231,851	\$ 1,735,254	162,985	\$ 2,785 Abatements	
									\$ 851 Other Adjustments	
									\$ <b>7,151,933 Total Water Billed</b>	
									\$ 35,128 Unbilled Revenue	
									\$ 1 Recoupment	
									<u>\$ 7,187,062</u>	<u>691,374</u>

## **TAB 22**

### **Projected Need for External Capital, 2017-2018**

**Pennichuck East Utility, Inc.  
Projected Need for External Capital - 2017 and 2018**

**Provided pursuant to NHPUC Rule 1604.01(22)**

<u>Description</u>	<u>Funding Source</u>	<u>Total</u>
<b><u>2017</u></b>		
Replace aging water main infrastructure in Derry and Litchfield and provide an interconnection under the Merrimack River and installation of a related pumping facility to connect the town of Litchfield to its system.	State Revolving Loan Fund	
		3,215,000
Fund 2017 capital projects not funded by SRF loans.	Co-Bank (term loan up to \$1M)	1,000,000
<b>Total</b>		<b><u>4,215,000</u></b>
<b><u>2018</u></b>		
Pelham - Monticello & Lane Road 2,400 lf	CoBank	550,000
Gage Hill - Main Replacement	CoBank	600,000
Londonderry main replacement	CoBank	500,000
Paving and Restoration Carryover	CoBank	50,000
<b>Total</b>		<b><u>1,700,000</u></b>

## **TAB 23**

### **Capital Budget – Sources and Uses, 2017-2018**



Pennichuck East Utilities, Inc.  
Capital Expenditure Budget - 2017

Provided pursuant to NHPUC Rule 1604.01(23)

Department	2016 Carryover/Multi-year Projects	Project Description	Total 2017 Incl O/H	Funding Source
T&D - PEU			-	
T&D - PEU			-	
Subtotal 2016 Carryover/Multi-year Projects			-	

Department	New 2017 Projects	Project Description	Total 2017 Incl O/H	Funding Source
T&D - PEU	5 New Services	5 New Services	23.00	CoBank
T&D - PEU	10 Renewed Services	10 Renewed Services	32.00	CoBank
T&D - PEU	2 Hydrants	2 Hydrants	10.00	CoBank
T&D - PEU	10 Valve Replacements	10 Valve Replacements	24.00	CoBank
T&D - PEU	75 New Meters (growth) 5/8"-2"	75 New Meters (growth) 5/8"-2"	14.00	CoBank
T&D - PEU	441 New Meters for Lead Meter exchanges 5/8"-6"	441 New Meters for Lead Meter exchanges 5/8"-6"	94.50	CoBank
Subtotal New 2017 Projects			197.50	
Total 2017 Capital Projects Budget			197.50	

Department	2016 Carryover/Multi-year Projects	Project Description	Total 2017 Incl O/H	Funding Source
Engineering	PWW-PEU Interconnection	Design and Permitting	100.00	CoBank
Engineering	Hardwood New Source	Permitting & Construction	100.00	SRF
Engineering	Locke Lake New Source	Permitting & Construction	50.00	SRF
Subtotal 2016 Carryover/Multi-year Projects			250.00	

Department	New 2017 Projects	Project Description	Total 2017 Incl O/H	Funding Source
Engineering	Maple Hills	Brady Avenue Main Replacement	570.00	SRF
Engineering	PWW-PEU Interconnection	Construction	2,377.00	CoBank
Engineering	Hillcrest Road Replacement	Construction	240.00	SRF
Engineering	Hardwood New Source	Additional New source	200.00	SRF
Engineering	Locke Lake	New Source Construction	800.00	SRF
Subtotal New 2017 Projects			4,187.00	
Total 2017 Capital Projects Budget			4,437.00	

Department	2016 Carryover/Multi-year Projects	Project Description	Total 2017 Incl O/H	Funding Source
Water Supply	Weinstein Well Rehab	The Town of Hudson is rehabbing the Weinstein Well PEU is contractually obligated to pay 15% of the cost of this rehab.	70.00	CoBank
Subtotal 2016 Carryover/Multi-year Projects			70.00	

Department	New 2017 Projects	Project Description	Total 2017 Incl O/H	Funding Source
Water Supply	Booster/Well/Chemical Feed pump replacements	Booster/Well/Chemical Feed pump replacements	60.00	CoBank
Water Supply	Miscellaneous Structural Improvements	Miscellaneous Structural Improvements	20.00	CoBank
Water Supply	Install/replace treatment systems	Install/replace treatment systems	40.00	CoBank
Water Supply	PEU well rehabilitation (4 locations)	PEU well rehabilitation (4 locations)	25.00	CoBank
Water Supply	replace various instrumentation	replace various instrumentation	40.00	CoBank
Water Supply	Miscellaneous Mechanical Improvements	Miscellaneous Mechanical Improvements	40.00	CoBank
Water Supply	New Garage/Office - North Country Operations	New Garage/Office - North Country Operations	320.00	CoBank
Subtotal New 2017 Projects			645.00	
Total 2017 Capital Projects Budget			615.00	

2016 Carryover/Multi-year Projects - Total PEU  
New 2017 Projects - Total PEU  
Total Capital Budget - PEU

320.00  
4,929.50  
5,249.50

000403

Pennichuck East Utilities, Inc.  
Capital Expenditure Budget - 2018

Provid

Department	2017 Carryover/Multi-year Projects	Project Description
Engineering	Paving and Restoration	
<b>Subtotal 2017 Carryover/Multi-year Projects</b>		

Department	New 2018 Projects	Project Description
Engineering	Peelham	Peelham - Monticello & Lane Road 2,400 lf
Engineering	Gage Hill	Gage Hill - Main Replacement
Engineering	Londonderry main replacement	Londonderry main replacement
<b>Subtotal New 2018 Projects</b>		

Total 2018 Capital Projects Budget

Department	2017 Carryover/Multi-year Projects	Project Description
Water Supply		
<b>Subtotal 2017 Carryover/Multi-year Projects</b>		

Department	New 2018 Projects	Project Description
Water Supply	Booster/Well/Chemical Feed pump replacements	Booster/Well/Chemical Feed pump replacements
Water Supply	Miscellaneous Structural Improvements	Miscellaneous Structural Improvements
Water Supply	Install/replace treatment systems	Install/replace treatment systems
Water Supply	PEU well rehabilitation (4 locations)	PEU well rehabilitation (4 locations)
Water Supply	replace various instrumentation	replace various instrumentation
Water Supply	Miscellaneous Mechanical Improvements	Miscellaneous Mechanical Improvements
Water Supply	Rehabilitate 2 wells, White Rock Station	Rehabilitate 2 wells, White Rock Station
<b>Subtotal New 2018 Projects</b>		

Total 2018 Capital Projects Budget

Department	2017 Carryover/Multi-year Projects	Project Description
T&D		
<b>Subtotal 2017 Carryover/Multi-year Projects</b>		

Department	New 2018 Projects	Project Description
T&D	5 New Services	5 New Services
T&D	10 Renewed Services	10 Renewed Services
T&D	2 Hydrants	2 Hydrants
T&D	10 Valve Replacements	10 Valve Replacements
T&D	75 New Meters (growth) 5/8"-2"	75 New Meters (growth) 5/8"-2"
T&D	401 New Meters for Lead Meter exchanges 5/8"-6"	401 New Meters for Lead Meter exchanges 5/8"-6"
<b>Subtotal New 2018 Projects</b>		

Total 2018 Capital Projects Budget

2017 Carryover/Multi-year Projects - Total PEU  
New 2018 Projects - Total PEU  
Total Capital Budget - PEU

## **TAB 24**

### **Certificate of Details of Management Fee Information**

Pennichuck Water Works  
Operating Expense Allocation (to other Subsidiary Companies)  
For Month Ending 12/31/16

		Dollars Applicable to:							
Full Year Amounts (to be allocated)		Tier Allocation Required	Special Allocation	Tier 1 (All)	Tier 2 (Regulated + PWSC)	Tier 3 (PWW+PEU+ PWSC)	Tier 4 (Regulated)	PWSC Only	PAC Only
YTD EXPENSES									C Sherry Wages & Fringes Only (budgeted specifically on
Wages									
Officers Salaries & Wages	458,436	1		458,436	-	-	-	-	-
Salaries - Engineering	1,091,218	4			-	-	1,091,218	-	-
Office Salaries and Wages - IS	432,678	1		432,678	-	-	-	-	-
Office Salaries and Wages - Acctg	646,458	1		646,458	-	-	-	-	-
Office Salaries and Wages - Admin	180,621	1		180,621	-	-	-	-	-
Office Salaries and Wages - C/S	775,264	2		-	775,264	-	-	-	-
Office Salaries and Wages - BR	131,033	6		-	-	-	-	131,033	-
Less: Capitalized Overhead - IS	(1,571)	1		(1,571)	-	-	-	-	-
Less: Capitalized Overhead Engineering	(402,848)	4		-	-	-	(402,848)	-	-
Benefits (Based on 12/31/15 Schedule)									
Officers Salaries & Wages	236,232	1		236,232	-	-	-	-	-
Salaries - Engineering	562,305	4			-	-	562,305	-	-
Office Salaries and Wages - IS	222,959	1		222,959	-	-	-	-	-
Office Salaries and Wages - Acctg	333,120	1		333,120	-	-	-	-	-
Office Salaries and Wages - Admin	93,074	1		93,074	-	-	-	-	-
Office Salaries and Wages - C/S	399,493	2		-	399,493	-	-	-	-
Office Salaries and Wages - BR	67,521	6	0	-	-	-	-	67,521	-
Less: Capitalized Overhead IS	(810)	1		(810)	-	-	-	-	-
Less: Capitalized Overhead Engineering	(207,588)	4		-	-	-	(207,588)	-	-

		Dollars Applicable to:							
Full Year Budgeted Amounts (to be allocated) - Tier 1		Tier Allocation Required	Special Allocation	Tier 1 (All)	Tier 2 (Regulated + PWSC)	Tier 3 (PWW+PEU+ PWSC)	Tier 4 (Regulated)	PWSC Only	PAC Only
									C Sherry Wages & Fringes Only (budgeted specifically on
Facilities - Manchester Street									
Office Supplies & Expense	48,572	1		48,572	-	-	-	-	-
Office Equipment Rental	38,821	1		38,821	-	-	-	-	-
Rental Exp HECOP III	305,974	1		305,974	-	-	-	-	-
Manchester St Phone	51,032	1		51,032	-	-	-	-	-
Manchester St Electric	41,351	1		41,351	-	-	-	-	-
Maintenance Manchester St	31,935	1		31,935	-	-	-	-	-
Office Equipment maintenance	-	1		-	-	-	-	-	-
Miscellaneous Charges									
Senior Management Vehicles	3,992	1		3,992	-	-	-	-	-
Senior Management Fuel Purchased	4,406	1		4,406	-	-	-	-	-
Senior Management Vehicle Registrations	923	1		923	-	-	-	-	-
Courier & Express Mail Expense	797	1		797	-	-	-	-	-
Outside Svcs (Supervision/Spec Svcs)	413,837	1		413,837	-	-	-	-	-
Meetings and Conventions	29,674	1		29,674	-	-	-	-	-
License Fees	9,649	1		9,649	-	-	-	-	-
Meals	3,087	1		3,087	-	-	-	-	-
Recruiter Fees	8,907	1		8,907	-	-	-	-	-
Engineering Dept Expense	39,530	4		-	-	-	39,530	-	-
Engineering Vehicles	15,158	4		-	-	-	15,158	-	-
Engineering - Fuel Purchased	19,692	4		-	-	-	19,692	-	-
Engineering - Vehicle Registration	4,187	4		-	-	-	4,187	-	-
Maint of Communication Equip	5,404	2		-	5,404	-	-	-	-
Computer Maintenance	480,614	1		480,614	-	-	-	-	-
Depreciation - 2403 & Amort									

Comm Depreciation	62,333	2	-	62,333	-	-	-	-	-
Computer Depreciation	552,572	1	552,572	-	-	-	-	-	-
Office Furniture Depreciation	38,657	1	38,657	-	-	-	-	-	-
Leasehold Improvements-15 year property	3,168	1	3,168	-	-	-	-	-	-
Union Negotiations - 2013	-	1	-	-	-	-	-	-	-
Union Negotiations - 2015	3,329	1	3,329	-	-	-	-	-	-
Total Allocable Expenses	7,235,198		4,672,496	1,242,494	-	1,121,654	198,554	-	-

Tier 1 - use the corporate expense allocation between TSC, PWSC and regulated utilities. The allocation among utilities will be based on total assets and customers.  
Tier 2 - allocate to PWW, PEU, PAC and PWSC based on total assets and customers  
Tier 3 - allocate to PWW, PEU and PWSC based on total assets and customers  
Tier 4 - allocate to the regulated utilities (PWW, PEU and PAC) based on total assets and customers.  
(1) Retention/Bonus, Overtime, Merit increases and summer temp help are included in Officers' and Office Salaries  
(2) Outside Services include temporary help from temporary services providers  
(3) Effectively, all Admin & Gen Expense (incl. Engineering) are allocated less Insurance, Regulatory Commission, Memberships, Misc General, Public Relations and Charitable Contributions and Union Benefits

**Allocation Calculation - Tier 1 (All Companies)**

	PWW	PEU	Pittsfield	Total Regulated	Con Ops (PWS)1	Real Estate (TSC)1	Total	
Revenues <sup>4</sup>	\$ 30,922,560	\$ 7,410,951	\$ 788,926	\$ 39,122,437 91.63%	\$ 3,574,365 8.37%	\$ - 0.00%	\$ 42,696,802 100.00%	
Employees (FTE's) - 2016 (including summer help)				112 99.12%	1 0.88%	0 0.00%	113 100.00%	
Square Footage - w/ add'l lease space Manchester Street Facility <sup>5</sup>				17,891 91.91%	1,574 8.09%	0 0.00%	19,465 100.00%	
Total Assets <sup>2</sup>	\$ 259,710,598 81.68%	\$ 53,436,434 16.81%	\$ 4,795,630 1.51%	\$ 317,942,662 99.15%	\$ 362,226 0.11%	\$ 2,357,341 0.74%	\$ 320,662,229 100.00%	
Customers <sup>3</sup>	28,193 77.79%	7,416 20.46%	633 1.75%	36,242 100.00%				
Average Percentage	79.74%	18.64%	1.63%	95.45%	4.36%	0.19%	100.00%	
Allocation of Allocable Expenses	3,555,876	831,325	72,696	4,459,897	203,721	8,878	\$ 4,672,496	<b>Check Total</b>
Effective Allocation %	76.10%	17.79%	1.56%		4.36%	0.19%		\$ -

<sup>1</sup> - PWS - 100% of 1 employee  
<sup>2</sup> - Based on December 2016 Preliminary Less Intercompany Account Balances per Charlie/Larry 5/07  
<sup>3</sup> - Based on December 2016 Actuals  
<sup>4</sup> - Based on December 2016 Preliminary

**Allocation Calculation - Tier 2 (All Regulated Companies plus PWSC)**

	PWW	PEU	Pittsfield	Total Regulated	Con Ops (PWS) 1	Real Estate (TSC)	Total	
Total Assets <sup>2</sup>	\$ 259,710,598 81.68%	\$ 53,436,434 16.81%	\$ 4,795,630 1.51%	\$ 317,942,662 99.89%	\$ 362,226 0.11%	\$ - 0.00%	\$ 318,304,888 100.00%	
Customers <sup>3</sup>	28,193 77.79%	7,416 20.46%	633 1.75%	36,242 77.20%	10,705 22.80%	0	46,947	
Average Percentage	79.74%	18.64%	1.63%	88.55%	11.46%		100.01%	
Allocation of Allocable Expenses	877,113	205,059	17,932	1,100,104	142,390	0	\$ 1,242,494	<b>Check Total</b>
Effective Allocation %	70.59%	16.50%	1.44%		11.46%	N/A		\$ -

<sup>1</sup> - PWS customers based on municipality customers and pro rated based on services rendered

**Allocation Calculation - Tier 3 (PWW, PEU and PWSC)**

	PWW	PEU	Pittsfield	Con Ops (PWS)	Real Estate (TSC)	Total
Total Assets <sup>2</sup>	\$ 259,710,598 82.84%	\$ 53,436,434 17.04%		\$ 362,226 0.12%		\$ 313,509,258 100.00%
Customers <sup>3</sup>	28,193 60.87%	7,416 16.01%		10,705 23.11%		46,314 99.99%

Average Percentage	71.86%	16.53%		11.62%		100.01%	
Allocation of Allocable Expenses	\$ -	\$ *	0	\$ -	0	\$ -	<u>Check Total</u>
Effective Allocation %	#DIV/0!	#DIV/0!	N/A	#DIV/0!	N/A		\$ -

**Allocation Calculation - Tier 4 (Regulated Companies)**

	PWW	PEU	Pittsfield	Con Ops (PWS)	Real Estate (TSC) <sup>1</sup>	Total	
Total Assets <sup>2</sup>	\$ 259,710,598 81.68%	\$ 53,436,434 16.81%	\$ 4,795,630 1.51%			\$ 317,942,662 100.00%	
Customers <sup>3</sup>	28,193 77.79%	7,416 20.46%	633 1.75%			36,242 100.00%	
Average Percentage	79.74%	18.64%	1.63%			100.01%	
Allocation of Allocable Expenses	\$ 894,295	\$ 209,076	\$ 18,283	0	0	\$ 1,121,654	<b>Check Total</b>
Effective Allocation %	79.73%	18.64%	1.63%	N/A	N/A		\$ -

**Specific Allocation Calculations - Tier 5-7**

	PWW	PEU	Pittsfield	Con Ops (PWS)	Real Estate (TSC) <sup>1</sup>	Total	Check Total
Direct Allocable Costs	0 N/A	0 N/A	-	198,554	0 N/A	198,554	\$ -

Summary of Allocations	PWW	PEU	Pittsfield	Con Ops (PWS)	Real Estate (TSC)	Totals		
Tier 1	3,555,876	831,325	72,696	203,721	8,878	4,672,496		
Tier 2	877,113	205,059	17,932	142,390	-	1,242,494		
Tier 3	-	-	-	-	-	-		
Tier 4	894,295	209,076	18,283	-	-	1,121,654		
PWSC only and PAC only	-	-	-	198,554	-	198,554	unallocated PAC/PEU	
Total Allocations	5,327,285	1,245,460	108,911	544,665	8,878	7,235,198	Total	Check Total
	73.63%	17.21%	1.51%	7.53%	0.12%	100.00%		

PWSC Customers	Operations	Water Supply	Billing	Cust Svc	Customers	Customers
Hudson	0.25	0.25	-	-	6,418	3,209
Salisbury	0.25	-	0.25	0.25	4,118	3,089
Amesbury	-	-	0.25	0.25	5,745	2,873
Rowley	-	-	0.25	0.25	1,869	935
Woodstock	0.25	0.25	-	-	1,200	600
					<b>10,765</b>	

Notes: Customer Counts updated 02/29/2016



**Pennichuck Water Works  
Work Order Allocation of Operations and Production Expenses  
For Month Ending 12/31/16**

**Full Year Amounts (to be allocated)**

**Wages**

Superintendence - WTP	265,101
Office Salaries & Wages: WTP	270,736
Purification Labor	212,999
Superintendence - Operations	225,900
Office Salaries - Operations	99,847

**Benefits**

Superintendence - WTP	136,607
Office Salaries & Wages: WTP	139,510
Purification Labor	109,759
Superintendence - Operations	116,406
Office Salaries - Operations	51,451

**Facilities - Will Street**

Maint: Meter Department	2,583
Will Street Parking	6,600
Will Street Office Supplies	12,922
Will Street Gas	5,792
Will Street Electric	9,568
Will Street Phone	34,654

**Miscellaneous Charges**

Misc Gen Exp Ops	20,153
Misc T&D Materials & Supplies	16,060
Stores Expense	64,696
Small Tools Expense	22,914
OPS - Non-Union Vehicles	5,050
WTP - Non-Union Vehicles	1,437
Misc Transport Expense	67,160
Non-Union Vehicle Fuel Costs	33,543
Misc Gen Equipment Exp	18,517

**Depreciation - 2304**

Will Street Facility	4,459
Tools, Shop & Garage	35,922
Other Tangible Equipment-Misc Equip	23,477
Non-Union Transportation Depreciation	57,078

<b>Total Allocable Expenses</b>	<b>2,070,904</b>
---------------------------------	------------------

	2016 Workorder Costs												
	PWW Capital	070 WTP Maintenance	080 OPS Maintenance	Fleet	PWW Jobbing	PWS Maintenance	PWS Jobbing	PAC Capital	PAC Maintenance	PEU Capital	PEU Maintenance	Total	
Labor	134,212.12	733,699.96	1,176,007.14	85,687.60	44,456.18	538,262.94	82,822.06	2,215.74	67,868.07	36,681.44	535,912.67	3,437,825.92	
Contractor Clearing	182,576.92	10,101.93	1,021.81	165,346.61	6,791.03	-	832,554.90	7,369.59	-	106,595.08	62.96	1,312,420.83	
Inventory: Pipes & Fittings	69,508.13	234.84	48,149.77	4.57	75,634.26	834.16	24,441.11	10,626.77	1,254.35	14,093.38	22,878.31	267,659.45	
Inventory: Meters	176,718.32	-	5,805.28	-	-	349.61	39,993.43	799.30	36.80	52,122.53	960.82	276,786.09	
Inventory: Misc T&D	9,077.32	1,141.19	13,441.61	-	2,166.55	298.51	3,586.19	46.73	601.01	976.59	5,209.50	36,545.20	
Inventory: Chemicals	-	688,946.60	-	-	-	-	20,526.15	-	751.65	-	55,897.78	766,122.18	
Inventory: Fleet	-	-	-	2,085.53	-	-	-	-	-	-	-	2,085.53	
Inventory: Backup Gen Fuel	-	-	-	-	-	-	-	-	-	-	-	-	
Misc T&D Supplies	-	-	-	-	-	-	-	-	-	-	-	-	
Truck	51,130.00	65,261.00	193,569.25	1,217.25	18,756.00	149,151.00	24,799.25	1,191.50	11,087.00	13,405.75	159,015.75	688,583.75	
Backhoe	6,601.50	646.00	18,044.50	64.00	4,700.50	360.00	2,860.50	255.00	1,188.00	1,540.00	11,111.50	47,371.50	
Compressor	1,172.55	-	2,950.50	-	-	30.00	-	-	-	-	340.50	4,493.55	
Inspection Fees	-	-	-	-	100,225.57	-	300.00	-	-	-	-	100,525.57	
Overhead	12,735.24	210.26	-	-	49,551.06	-	-	205.63	-	3,253.79	-	65,955.98	
Labor Overhead	92,282.03	515,644.33	826,497.82	60,221.25	45,587.39	355,201.34	54,797.60	1,541.76	36,456.52	24,738.91	361,206.20	2,374,175.15	
Misc General Equipment	-	-	-	-	-	450.00	110.00	-	-	-	230.00	790.00	
Total Costs	736,014.13	2,015,885.91	2,285,487.68	314,626.81	347,868.54	1,044,937.56	1,086,791.19	24,252.02	119,243.40	253,407.47	1,152,825.99	9,381,340.70	
Total Costs w/o OH & CWIP	540,701.97	2,005,573.72	2,284,465.87	149,280.20	291,526.45	1,044,937.56	254,236.29	16,676.80	119,243.40	143,558.60	1,152,763.03	8,002,963.89	
% of Total	7.85%	21.49%	24.36%	3.35%	3.71%	11.14%	11.58%	0.26%	1.27%	2.70%	12.29%	100.00%	
% of Total w/o OH & CWIP	6.76%	25.06%	28.55%	1.87%	3.64%	13.06%	3.18%	0.21%	1.49%	1.79%	14.40%	100.00%	
Ovhd Allocable to Work Orders	2,070,904	162,473	445,001	504,516	69,453	76,791	230,667	239,906	5,354	26,323	55,939	254,483	2,070,906
Totals by Company:													
PWW	162,473	445,001	504,516	69,453	76,791							1,258,234	60.8%
PEU										55,939	254,483	310,422	15.0%
PAC								5,354	26,323			31,677	1.5%
PWS						230,667	239,906					470,573	22.7%
Total Overhead	162,473	445,001	504,516	69,453	76,791	230,667	239,906	5,354	26,323	55,939	254,483	2,070,906	100.0%
% Labor	3.90%	21.34%	34.21%	2.49%	1.29%	15.66%	2.41%	0.06%	1.97%	1.07%	15.59%	100.00%	

\*\*070, 080 & Fleet Labor Overhead has been calculated per Charlie.

1.00

Pennichuck Water Works  
Return on Common Assets Allocation (to other Subsidiary Companies)  
For Month Ending 12/31/16

Provided pursuant to NHPUC Rule 1604.01(25)

12

UPDATE EVERY MONTH

Effective Tax Rate - current

39.61%

6.04%

Dollars Applicable to:

Full Year Amounts (to be allocated)	Rate of Return	Net Book Value	Tier Allocation Required	Dollars Applicable to:							TSC Only (budgeted specifically on TSC P/L)
				Tier 1 (All)	Tier 2 (Regulated + PWSC)	Tier 3 (PWW+PEU+ PWSC)	Tier 4 (Regulated)	PWSC Only	PAC Only		
Office Furniture & Equipment	4,111	68,056.90	1	4,111	-	-	-	-	-	-	-
Transportation Equipment	105,139	1,740,706.40	2	-	105,139	-	-	-	-	-	-
Tools, Shop & Garage Equipment	19,948	330,264.71	3	-	-	19,948	-	-	-	-	-
Construction Meters	-	-	2	-	-	-	-	-	-	-	-
Power Operated Equipment	13,832	229,009.65	2	-	13,832	-	-	-	-	-	-
Communication Equipment	41,219	682,435.96	4	-	-	-	41,219	-	-	-	-
Computer Equipment	180,036	2,980,733.76	1	180,036	-	-	-	-	-	-	-
Other Plant and Misc Equipment	(1,571)	371,463.68	4	-	-	-	(1,571)	-	-	-	-
Leasehold Improvements	831	13,765.33	1	831	-	-	-	-	-	-	-
16 DW Highway	411,025	6,805,043.31	3	-	-	411,025	-	-	-	-	-
Will Street Expansion	817	13,529.34	3	-	-	817	-	-	-	-	-
Deferred Pension Costs	426,839	7,066,877	1	426,839	-	-	-	-	-	-	-
Deferred Post Retirement Health	23,547	389,845	1	23,547	-	-	-	-	-	-	-
Deferred Post Employment Health	-	-	1	-	-	-	-	-	-	-	-
Deferred SERP	42,642	705,998	1	42,642	-	-	-	-	-	-	-
VEBA Trust - Union	25,539	422,836	1	25,539	-	-	-	-	-	-	-
VEBA Trust - Non-union	9,867	163,360	1	9,867	-	-	-	-	-	-	-
Union Negotiations - 2013	-	-	1	-	-	-	-	-	-	-	-
Union Negotiations - 2015	190	3,144	1	190	-	-	-	-	-	-	-
Deferred Pension Costs		7,066,877									
Deferred Post Employment Health		-									
Deferred Post Retirement Health		389,845									
Deferred SERP		705,998									
Less: Accrued Liability Pension - ST		-									
Less: Accrued Liability Pension - LT		(9,009,643)									
Less: Post Employment Health Liability - ST		-									
Less: Post Employment Health Liability - LT		-									
Less: Accrued Liability SERP		(537,319)									
VEBA Trust - Union		422,836									
VEBA Trust - Non-union		163,360									
Less: Post Retirement Liability Health - ST		-									
Less: Post Retirement Liability Health - LT		(3,164,661)									
Subtotal		(3,962,707)									
Less: Tax Impact at current effective tax rate		1,569,628									
Net Impact Unfunded FAS 106 & FAS 158 Costs	(144,542)	(2,393,079)	1	(144,542)	-	-	-	-	-	-	-
Total Allocable Expenses	1,159,469	19,593,990.93		569,060	118,971	431,790	39,648	-	-	-	-

\*Note: Rate of Return based on YTD NBV/12\*#months

Tier 1 - use the corporate expense allocation between TSC, PWSC and regulated utilities. The allocation among utilities will be based on total assets and customers.

Tier 2 - allocate to PWW, PEU, PAC and PWSC based on total assets and customers.

Tier 3 - allocate to PWW, PEU and PWSC based on total assets and customers.

Tier 4 - allocate to the regulated utilities (PWW, PEU and PAC) based on total assets and customers.

Note: Laboratory Equipment not included. Currently, PWW charges a \$15 fee for all lab work which is considered to be a competitive price and \$5 higher than charged by the State of New Hampshire.

**Allocation Calculation - Tier 1 (All Companies)**

	PWW	PEU	Pittsfield	Total Regulated	Con Ops (PWS)1	Real Estate (TSC) <sup>1</sup>	Total	
Revenues <sup>4</sup>	30,922,560	7,410,951	788,926	\$ 39,122,437 91.63%	3,574,365 8.37%	- 0.00%	\$ 42,696,802 100.00%	
Employees (FTE's) - 2016 (including summer help)				112 99.12%	1 0.88%	0 0.00%	113 100.00%	
Square Footage - w/ addtl lease space Manchester Street Facility				17,891 91.91%	1,574 8.09%	0 0.00%	19,465 100.00%	
Total Assets <sup>2</sup>	259,710,598 81.69%	53,436,434 16.81%	4,795,630 1.51%	317,942,662 99.15%	362,226 0.11%	\$ 2,359,577 0.74%	\$ 320,664,465 100.00%	
Customers <sup>3</sup>	28,193 77.79%	7,416 20.46%	633 1.75%	36,242 100.00%				
Average Percentage	79.74%	18.63%	1.63%	95.45%	4.36%	0.19%	100.00%	
Allocation of Allocable Expenses	433,122	101,192	8,854	543,168	24,811	1,081	\$ 569,060	<b>Check Total</b>
Effective Allocation %	76.11%	17.78%	1.56%		4.36%	0.19%		\$ -
1 - PWS - 100% of 1 employee								
2 - Based on December 2016 Preliminary Less Intercompany Account Balances per Charlie/Larry 5/07								
3 - Based on December 2016 Actuals								
0								

**Allocation Calculation - Tier 2 (All Regulated Companies plus PWSC)**

	PWW	PEU	Pittsfield	Total Regulated	Con Ops (PWS) 1	Real Estate (TSC)	Total	
Total Assets <sup>2</sup>	\$ 259,710,598 81.68%	\$ 53,436,434 16.81%	\$ 4,795,630 1.51%	\$ 317,942,662 99.89%	\$ 362,226 0.11%	\$ - 0.00%	\$ 318,304,888 100.00%	
Customers <sup>3</sup>	28,193 77.79%	7,416 20.46%	633 1.75%	36,242 77.20%	10,705 22.80%	0	46,947	
Average Percentage	79.74%	18.64%	1.63%	88.55%	11.46%		100.01%	
Allocation of Allocable Expenses	83,985	19,635	1,717	105,337	13,634	0	\$ 118,971	<b>Check Total</b>
Effective Allocation %	70.59%	16.50%	1.44%		11.46%	N/A		\$ -
1 - PWS customers based on municipality customers and pro rated based on services rendered								

**Allocation Calculation - Tier 3 (PWW, PEU and PWSC)**

	PWW	PEU	Pittsfield	Con Ops (PWS)	Real Estate (TSC)	Total	
Total Assets <sup>2</sup>	\$ 259,710,598 82.84%	\$ 53,436,434 17.05%		\$ 362,226 0.12%		\$ 313,509,258 100.00%	
Customers <sup>3</sup>	28,193 60.87%	7,416 16.01%		10,705 23.11%		46,314 99.99%	
Average Percentage	71.86%	16.53%		11.61%		100.00%	
Allocation of Allocable Expenses	\$ 310,284	\$ 71,375	0	\$ 50,131	0	\$ 431,790	<b>Check Total</b>
Effective Allocation %	71.86%	16.53%	N/A	11.61%	N/A		\$ -

**Allocation Calculation - Tier 4 (Regulated Companies)**

	PWW	PEU	Pittsfield	Con Ops (PWS)	Real Estate (TSC) <sup>1</sup>	Total	
Total Assets <sup>2</sup>	\$ 259,710,598 81.69%	\$ 53,436,434 16.81%	\$ 4,795,630 1.51%			\$ 317,942,662 100.00%	
Customers <sup>3</sup>	28,193 77.79%	7,416 20.46%	633 1.75%			36,242 100.00%	
Average Percentage	79.74%	18.63%	1.63%			100.00%	
Allocation of Allocable Expenses	\$ 31,616	\$ 7,386	\$ 646	0	0	\$ 39,648	<b>Check Total</b>
Effective Allocation %	79.74%	18.63%	1.63%	N/A	N/A		\$ -

**Specific Allocation Calculations - Tier 5-7**

	PWW	PEU	Pittsfield	North Country	Con Ops (PWS)	Real Estate (TSC) <sup>1</sup>	Total	Check Total
Direct Allocable Costs	0 N/A	0 N/A	-	-	-	0 N/A	-	\$ -

Summary of Allocations	PWW	PEU	Pittsfield	North Country	Con Ops (PWS)	Real Estate (TSC)	Totals	
Tier 1	433,122	101,192	8,854	-	24,811	1,081	569,060	
Tier 2	83,985	19,635	1,717	-	13,634	-	118,971	
Tier 3	310,284	71,375	-	-	50,131	-	431,790	
Tier 4	31,616	7,386	646	-	-	-	39,648	
PWSC only and PAC only	-	-	-	-	-	-	-	<b>unallocated</b>
Total Allocations	859,007	199,588	11,217	-	88,576	1,081	1,159,469	<b>TSC</b>
	74.09%	17.21%	0.97%	0.00%	7.64%	0.09%	100.00%	<b>Check Total</b>

**Summary Transfers from PWW Operating to Other Companies**

Full Year Amounts	Annual Amts	Monthly Amts
PWW operating expense allocation - PWW	\$ (300,462)	\$ (25,038)
PWW operating expense allocation - PEU	\$ 199,588	\$ 16,632
PWW operating expense allocation - Pittsfield	\$ 11,217	\$ 935
PWW operating expense allocation - PCP	\$ -	\$ -
PWW operating expense allocation - PWS	\$ 88,576	\$ 7,381
PWW operating expense allocation - TSC	\$ 1,081	\$ 90
Check Totals	\$ -	\$ -

## **TAB 25**

### **Estimated Rate Case Expenses**



**Re: DW 16-806 Pennichuck Water Works, Inc.  
Puc 1905 Rate Case Expense Report**

**Puc 1905.01 Estimated Rate Case Expenses**

In accordance with N.H. Code Admin. Rule Puc 1905.01, Pennichuck East Utility, Inc. (“PEU”) hereby files information related to its rate case expenses as of the filing of its rate case. PEU understands that it is required to file such reports every ninety (90) days during the pendency of the rate case. PEU filed its general rate case on October 18, 2017 and has calculated the 90-day deadlines to include the following: 1/18/2018; 4/18/2018; and 7/18/2018.

With respect to its rate case expenses, PEU sought and obtained a waiver from the Commission of the competitive bidding process to hire Rath, Young & Pignatelli, P.C. (“RYP”) to assist it in preparing its general rate case. *See* Docket DW 17-059. RYP’s preparation included research regarding issues raised in this case and the creation and review of documents included in PEU’s general rate case filing. The legal expenses incurred as of the date of filing are approximately \$13,000.00 and have not yet been invoiced to PEU. Barring unforeseen events, PEU estimates that expenses for this rate case will be approximately \$100,000. At this time, PEU does not anticipate requiring the services of any other vendor to assist it in presenting the instant rate case. For that reason, it has not provided any expense information for any additional vendors.