

STATE OF NEW HAMPSHIRE
BEFORE THE
PUBLIC UTILITIES COMMISSION

Docket No. DW 22-____

**Petition of Pennichuck East Utility, Inc. for Approval of Financing
From CoBank, ACB**

DIRECT PREFILED TESTIMONY OF JOHN J. BOISVERT

April 13, 2022

1 **Professional and Educational Background**

2 **Q. What is your name and what is your position with Pennichuck East Utility, Inc.?**

3 A. My name is John J. Boisvert. I am the Chief Engineer of Pennichuck Water Works,
4 Inc. (“PWW”), which provides services to Pennichuck East Utility, Inc. (“PEU” or
5 the “Company”) pursuant to a management allocation agreement. I have worked for
6 PWW since February 1, 2006. I am a licensed professional engineer in New
7 Hampshire and Maine.

8

9 **Q. Please describe your educational background.**

10 A. I have a Bachelor of Science degree and a Master of Science degree in Civil
11 Engineering from the University of New Hampshire in Durham, New Hampshire. I
12 also have a Master’s degree in Environmental Law and Policy from Vermont Law
13 School in South Royalton, Vermont.

14

15 **Q. Please describe your professional background.**

16 A. Prior to joining PWW, I served as a Team Leader for Weston & Sampson Engineers
17 of Portsmouth, New Hampshire in their Water Practices Group from 2000 to 2006.
18 Prior to Weston & Sampson, I was employed by the Layne Christensen Company of
19 Shawnee Mission, Kansas as Regional Manager for their Geosciences Division in
20 Dracut, Massachusetts from 1994 to 2000. I completed graduate school in 1992 and
21 was employed by Hoyle, Tanner, & Associates of Manchester, New Hampshire as a
22 Project Engineer from 1992 to 1994. Prior to entering full time graduate programs at
23 the University of New Hampshire and Vermont Law School, I was employed by Civil

1 Consultants of South Berwick, Maine as a Project Engineer from 1986 to 1989 and by
2 Underwood Engineers of Portsmouth, New Hampshire as a project Engineer from
3 1985 to 1986.

4

5 **Q. What are your responsibilities as Chief Engineer?**

6 A. As Chief Engineer, I am responsible for the planning, design, permitting,
7 construction, and startup of major capital projects, including pipelines,
8 reservoirs/dams, building structures, pumping facilities, treatment facilities, and
9 groundwater supplies. I oversee the Company’s Asset Management program and
10 provide regular technical assistance to PWW’s Water Supply Department, Operations
11 Department, Customer Service Department, and Senior Management.

12

13 **Q. What is the purpose of your testimony?**

14 A. I will be describing the capital expenditures of \$665,936 completed in 2021 that the
15 Company is seeking to refinance with CoBank. These expenditures for 2021 cover
16 project costs not funded by the New Hampshire State Revolving Fund (SRF), the
17 New Hampshire Drinking Water and Groundwater Trust Fund (DWGTF) or the 0.1
18 DSRR described in the Company’s Qualified Capital Project Adjustment Charge
19 (QCPAC) filing in Docket No. DW 22-005.

20 **Q. What is the value of capital expenditures during the period between January 1,**
21 **2021 and December 31, 2021, the Company completed and placed into service as**
22 **“used and useful” to its distribution, storage, treatment, and supply facilities, for**
23 **which the Company requests term financing through CoBank?**

1 A. The Company made and reported capital investments totaling \$1,190,940 in 2021.
 2 The Company is seeking to finance \$665,936 through CoBank. The remaining
 3 \$525,004 of capital investments are funded by loans and grants from the NH Drinking
 4 Water and Groundwater Trust Fund (DWGTF), the State Revolving Fund (SRF) or
 5 the 0.1 DSRR. Three major projects/investments described in the table below with
 6 total expenditures of \$351,764 account for roughly half of the CoBank financing
 7 request.

Project	Total Expenditure	SRF Loan Amount	DWGTF Loan/Grant Amount	Remainder CoBank Requested Amount
2021 1x Annual Revenue Investment	\$149,759	N.A.	N.A.	\$149,759
Pelham Main Replacement/Addition – Final Restoration and Paving (Monticello, Lane, Simpson, Andrea, & Mont Vernon)	\$100,351	N.A.	N.A.	\$100,351
Meter Radio Replacement Year 1	\$101,654	N.A.	N.A.	\$101,654
Totals	\$351,764	\$0	\$0	\$351,764

8
 9 **Q. The major capital expenditures identified above account for \$351,764 of the total**
 10 **CoBank request of \$665,936. Could you please describe the projects for which**
 11 **the remaining monies of the CoBank request will be applied to?**

12 **A.** Yes. The projects associated with the remaining \$337,629 are generally associated
 13 with maintenance capital projects or items/equipment. Maintenance capital
 14 expenditures are typically for the replacement of equipment assets (pumps, controls,
 15 meters) and the replacement or upgrade of existing assets (distribution valves,

1 hydrants, and services) as well as tools and equipment to properly operate and
2 maintain Company water systems. The specific expenditures to note are detailed as
3 follows:

- 4 • Small Booster Pump, Well Pump, and Chemical Feed Pump Replacement
5 (\$48,359) – This expenditures a for “run rate” replacement of failed or worn
6 booster, well or chemical feed pumps throughout 2021.
- 7 • Well rehabilitation Locke Lake CWS (\$8,390)
- 8 • Installation of manganese, arsenic and PFAS filtration systems and other
9 water treatment additions at the Harvest Village CWS in Londonderry and
10 Skyview Estates CWS in Pelham (\$16,297).
- 11 • Services (\$26,455) – Six services for single family owner-built homes were
12 added.
- 13 • Renewed Services (\$15,073) – Seven new services to replace existing failed
14 services (6 at Locke Lake and 1 other).
- 15 • Hydrant Replacement (\$3,4890) – One hydrant required replacement in 2021.
- 16 • New and replacement meters (\$31,956) – 228 installed or replaced new meters
17 for new customers and replacement meters.
- 18 • Valve installation (\$27,917) – Replaced five non-functioning gate valves.
- 19 • CoBank interest (\$16,158)

20
21 **Q. Does this complete your testimony?**

22 **A. Yes.**