

THE STATE OF NEW HAMPSHIRE
BEFORE THE NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION
PREPARED TESTIMONY OF KENNETH B. BOWES
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM)
Docket No. DE 18-089

1 **Q. Please state your name, business address and your present position.**

2 A. My name is Kenneth B. Bowes. My business address is 56 Prospect Street,
3 Hartford, CT 06141. I am a Vice President of Transmission Performance at
4 Eversource Energy (“Eversource”).

5 **Q. Have you previously testified before the Commission?**

6 A. Yes, I have testified before the Commission in the July 1, 2017 Transmission Cost
7 Adjustment Mechanism Filing in Docket No. DE 17-081, and Docket No. DE 15-
8 464, Public Service Company of New Hampshire d/b/a Eversource Energy,
9 Petition for Approval of Lease Agreement between PSNH dba Eversource Energy
10 and Northern Pass Transmission LLC. Additionally, I have testified before the
11 New Hampshire Site and Evaluation Committee, as well as the Federal Energy
12 Regulatory Commission and state regulatory agencies in Massachusetts and
13 Connecticut.

14 **Q. What are your current responsibilities?**

15 A. I am responsible for the leadership and direction of the Eversource Energy
16 transmission business unit with respect to short and long term customer impacts

1 and benefits as measured by transmission performance indicators, development of
2 plans for compliance with FERC and state regulatory requirements, and
3 compliance of transmission operations with regulatory requirements and
4 Eversource Energy benchmarks. I serve as a technical consultant for various large
5 transmission projects, and provide expert testimony in regulatory proceedings
6 concerning them. I am currently actively involved with the siting and permitting of
7 the Seacoast Reliability Project before the New Hampshire Site Evaluation
8 Committee.

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

10 A. I hold a Bachelor of Science degree in Electrical Engineering from the University
11 of New Hampshire in Durham, New Hampshire and a Master's of Science degree
12 in Electrical Engineering from Rensselaer Polytechnic Institute in Hartford,
13 Connecticut.

14 **Q. Please describe your professional experience.**

15 A. I presently serve on the Edison Electric Institute ("EEI") Transmission Committee
16 and the EEI Security Committee. As a result of my work at Eversource, I have
17 received awards from EEI for Emergency Recovery Award in 2013, Emergency
18 Assistance Award in 2013, the Institute of Electrical and Electronic Engineers
19 ("IEEE"), Power Engineering Society, Working Group Award in 1998. I have
20 considerable engineering and operations experience in the many areas of
21 transmission and distribution, including engineering, construction, maintenance

1 and operations. I have overseen the entire project life-cycle for numerous
2 transmission line and substation projects for Eversource and have served as a
3 company officer and director in a variety of roles in support of our transmission
4 and distribution systems. I previously held the role of Director of Transmission
5 Projects where I was responsible for the siting, permitting, engineering, design,
6 construction, testing and commissioning of more than 500 transmission projects in
7 New England totaling more than \$2 billion in investments. Specific projects
8 included the: Long Island Replacement Cable, Glenbrook Cables Projects,
9 Killingly Substation, Fitzwilliam Substation, 345-kV autotransformer additions at
10 Haddam, Barbour Hill, Scobie Pond, Deerfield, Berkshire and Ludlow. Prior to
11 this role, I was the Director of Transmission Construction, Test & Maintenance
12 responsible for the field operations, construction and maintenance of the
13 Eversource transmission system. Previous to this position I was the Director of
14 Transmission & Distribution maintenance responsible for the field operations and
15 maintenance of the Eversource transmission, substation and distribution systems
16 including the transmission rights-of-way maintenance.

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

18 A. The purpose of my testimony is to describe the transmission planning process at
19 ISO-NE and to provide a detailed description of the projects included in the LNS
20 rates that have been included as part of this TCAM filing consistent with the
21 directive of Order No. 25,912 dated June 28, 2016 in Docket No. DE 16-566.

1 **Q. Will anyone else be providing testimony in support of this filing?**

2 A. Yes. Rhonda J. Bisson will be filing testimony in support of the proposed retail
3 transmission rates. In her testimony, she will detail the rates applicable to each
4 individual rate class. Christopher J. Goulding will be filing testimony of the
5 calculation of Eversource's TCAM rates effective August 1, 2018 as well as the
6 reconciliation of actual transmission costs through the reconciliation period ending
7 May 2018.

8 **Q. What information have you provided to meet the requirements of Order No.**
9 **25,912, dated June 28, 2016, in Docket No. DE 16-566?**

10 A. With respect to the ISO-NE transmission planning process, it is a regionally
11 coordinated process conducted periodically to reliably meet customer demand
12 throughout the region. Broadly speaking, there is an extensive stakeholder process
13 to identify the various needs of the electrical system and the potential solutions to
14 those needs through the development of a regional system plan. As part of that
15 process ISO-NE will review potential transmission solutions, and, in parallel,
16 market participants can develop and propose market alternatives that would
17 resolve the identified needs. Eventually, a preferred solution is selected to address
18 the identified need.

19 Eversource employs similar methods to develop a local system plan to address
20 more localized needs of the electric system. A more complete description of this
21 process is contained in the last Least Cost Integrated Resource Plan submitted on

1 June 19, 2015 in Docket No. 15-248. Bates pages 18-20 of that filing provide
2 descriptions and links to information on both the regional and local system
3 planning processes.

4 Additionally, as Attachment KBB-1, I have provided the Actual 2017 Projects in
5 Service greater than \$5 million included in Schedule 21-ES, Category A (Local
6 Network Service) for The Connecticut Light and Power Company (“CL&P”),
7 Public Service Company of New Hampshire (“PSNH”), and Western
8 Massachusetts Electric Company (“WMECO”) that are included in the LNS
9 expenses in this filing. The attachment includes CL&P, PSNH and WMECO
10 because all LNS customers (including PSNH retail customers) pay an average rate
11 under Schedule 21-ES. The attachment details the projects by individual company,
12 project title, total project investment amount and what portion of the project is
13 classified by ISO-New England as a Pool Transmission Facility (“PTF”).

14 **Q. Does this conclude your testimony?**

15 **A.** Yes, it does.