

**STATE OF NEW HAMPSHIRE  
PUBLIC UTILITIES COMMISSION**

**DE 13-167**

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE**

**Petition for Approval of Change to Transmission Cost Adjustment Mechanism**

**Order Approving Petition**

**ORDER NO. 25,533**

**June 27, 2013**

**APPEARANCES:** Matthew J. Fossum, Esq. on behalf of Public Service Company of New Hampshire; the Office of Consumer Advocate by Susan W. Chamberlain, Esq. on behalf of residential ratepayers; and Suzanne G. Amidon, Esq. on behalf of Commission Staff.

**I. PROCEDURAL HISTORY**

On June 6, 2013, Public Service Company of New Hampshire (PSNH or Company) filed a petition requesting approval of a new transmission cost adjustment mechanism (TCAM) rate to be effective on a service rendered basis on and after July 1, 2013. The Commission established the TCAM for the reconciliation and recovery of transmission expenses and revenues pursuant to a settlement agreement approved in Order No. 24,750 (May 25, 2007) in Docket No. DE 06-028, PSNH's 2006 distribution rate proceeding. In the June 6, 2013 filing, PSNH said it had not yet calculated a TCAM rate but expected to update its filing on or about June 14, 2013 with support for the new TCAM rate. The Commission issued an Order of Notice on June 7, 2013 scheduling a hearing for June 20, 2013.

PSNH made its updated filing on June 14, 2013 with supporting testimony and related exhibits. In that filing, PSNH estimated an increase to the average TCAM rate from the current rate of 1.359 cents per kilowatt-hour (kWh) to 1.714 cents per kWh.

On June 18, 2013, the Office of Consumer Advocate (OCA) filed a notice of its participation in this docket on behalf of residential ratepayers pursuant to RSA 363:28.

## **II. POSITIONS OF THE PARTIES AND STAFF**

### **A. Public Service Company of New Hampshire**

PSNH testified that the TCAM is a mechanism that allows the Company to fully recover certain defined Federal Energy Regulatory Commission (FERC) and/or Commission approved transmission costs. The proposed TCAM rate is based on a reconciliation of historic and forecasted transmission costs using the latest transmission rates approved by FERC.

PSNH said that the TCAM filing includes two groups of costs. The first group of costs consists of four categories of wholesale transmission costs that are regulated by FERC and charged to PSNH by the Independent System Operator-New England (ISO-NE) and are as follows: (1) regional network service (RNS) costs, (2) local network service (LNS) costs, (3) reliability costs, and (4) scheduling and dispatch costs.

PSNH testified that RNS costs are based on FERC-approved tariffs; are related to the costs required to support the regional transmission infrastructure throughout New England; and are billed to all entities in the region that have RNS load responsibility, including PSNH, based on their monthly peak load. LNS costs encompass local transmission costs incurred by Northeast Utilities (NU) that are not included in the FERC-jurisdictional RNS tariff. LNS billings are also governed by FERC-approved tariffs and are based on costs allocated to PSNH that reflect its NU load ratio share which is calculated using a rolling twelve-month coincident peak, except for those costs that are specific to a state and are not shared by all of NU's affiliated companies. Reliability costs include Black Start capability, volts amps reactive support, and other Net Commitment Period Compensation related to generation reliability. According to

PSNH, reliability costs are billed to all entities in the region that have RNS load responsibility, based on their monthly peak load. PSNH testified that scheduling and dispatch costs are associated with services provided by ISO-NE related to scheduling, system control, and dispatch services. The Company explained that these costs are also billed by ISO-NE to all entities that have RNS load responsibility, including PSNH, based on their monthly peak load, in accordance with applicable FERC tariffs.

PSNH said that the second group of costs recovered through the TCAM rate consists of three categories of other transmission costs as follows: (1) Hydro-Quebec support costs and related revenues, (2) a portion of the Commission's annual assessment, and (3) TCAM working capital allowance. According to the Company, these other transmission costs were previously recovered through PSNH's distribution rates but, in accordance with a settlement agreement in PSNH's most recent distribution rate case, Docket DE 09-035, are now recovered through the TCAM rate.

PSNH testified that Hydro-Quebec support costs are associated with FERC-approved contractual agreements between NU subsidiaries, including PSNH, and other New England utilities to provide support for transmission and terminal facilities that for many years have been used to import electricity from Hydro-Quebec in Canada. Under these agreements, PSNH is charged its proportionate share of operation and maintenance capital costs for a thirty-year period ending in 2020. According to PSNH, effective July 1, 2010, PSNH began returning its share of any Hydro Quebec facility revenues as a revenue credit in the TCAM.<sup>1</sup>

PSNH said that, in the past, the Commission's assessment was recovered from customers through distribution rates. The settlement agreement approved in Docket No. DE 09-035,

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<sup>1</sup> See Order No. 25,122 (June 28, 2010) in Docket No. DE 10-158, PSNH's 2010 TCAM proceeding. Prior to Order No. 25,122, revenues associated with the Hydro Quebec facility were returned to customers in the energy service charge.

PSNH's most recent distribution rate case, allocated the assessment to the various rate components as follows: 61.9% to energy service rates; 29.8% to distribution rates, and 8.2% to transmission rates. *See* Order No. 25,123 (June 28, 2010).

PSNH testified that there was no provision for transmission-related working capital when the Commission first approved the TCAM in Order No 24,570 (May 25, 2007) because, at that time, it was included in distribution rates. As part of the settlement agreement approved in Order No. 25,123, the transmission-related working capital was shifted from the distribution revenue requirement calculation to the TCAM rate calculations.

PSNH stated that the TCAM allows the Company to set transmission rates for a defined future billing period based on transmission cost estimates using current and forecast data that is supported by the latest known FERC-approved transmission rates and other budget data, most of which is provided by the ISO-NE. The TCAM also includes all available actual cost and revenue data for the eighteen-month period just prior to the forecast period. PSNH referred to this eighteen-month period as the "reconciliation period." PSNH said that the reconciliation period contains as much actual cost data that is available at the time of the filing and any over- or under-recoveries that are incurred in each billing period are rolled into the subsequent billing period as part of the next TCAM rate. The Company said that the forecast period in this filing is the twelve-month period July 2013 through June 2014 and the reconciliation period includes actual calendar year 2012 and January 2013 through May 2013 costs, as well as estimated costs for June 2013.

PSNH proposed a forecasted average TCAM rate of 1.714 cents per kWh as compared with the current average rate of 1.359 cents per kWh. According to PSNH, the increase in the TCAM rate is driven primarily by an increase in the RNS rate for the 2013-2014 TCAM period

as compared to the prior period. The Company said that this increase is a result of an increase in Pooled Transmission Facilities revenue requirements.

PSNH testified that it calculated the individual class TCAM rates according to the settlement agreement approved by Order No. 24,750 in the Company's 2006 distribution rate case. That settlement agreement describes the design of transmission pricing for Backup Delivery Service Rate B specifically, and for all other customer classes in general. PSNH said that, for Rate B, the settlement agreement provided that the transmission costs would be recovered through a demand charge and, that for purposes of rate calculation, the demand charge would be divided into a base component and an incremental component. Using that rate design, transmission costs are first allocated to the Rate B customer class based on that class' contribution to the system peak demand. Once the ratio of average Rate B demands to average total PSNH demands at system peak is calculated, the Rate B base component revenue requirement for the forecast period is determined by multiplying the demand ratio by the total transmission revenue requirement for the forecast period. The base component reconciliation from the prior period is then added to the base component forecasted revenue requirement to determine the total base component requirement. Finally, the Rate B base rate is derived by dividing the total base component revenue requirement by the projected billing demand, that is, the amount of power projected to be needed to serve Rate B customers in the coming year. The result in this filing is a Rate B base component of 0.53 per kilowatt or kilovolt-ampere per month.

The Rate B incremental component is adjusted and reconciled in the same manner that transmission prices for all other classes are changed and reconciled, that is, on an equi-proportional basis. To calculate the incremental charge, PSNH used the billing determinants,

such as kW and kWh, for the 2009 calendar year as performed in Docket No. DE 09-035, PSNH's most recent distribution rate case. The forecasted TCAM rate is then multiplied by the test year megawatt-hour sales to produce the target transmission revenue for the test year. From that test year revenue requirement, PSNH subtracted the Rate B base component revenue. The result of the calculation is the amount to be recovered from all other customers.

**B. Office of Consumer Advocate**

The OCA said that it did not object to PSNH's petition.

**C. Commission Staff**

Staff said that the TCAM reconciliation and rate adjustment was appropriately calculated and said it supported PSNH's petition.

**III. COMMISSION ANALYSIS**

We have reviewed the petition along with the supporting documentation and calculations and the other evidence in the record. We find that PSNH used the appropriate method to calculate the TCAM and associated rates for transmission expenses consistent with the terms of the settlement agreement approved in Order No. 24,750. Taking the evidence into consideration, we are satisfied that the transmission costs included in the filing are consistent with the applicable FERC-approved tariffs. Therefore, we approve PSNH's requested overall average TCAM rate of 1.714 per kWh effective with service rendered on and after July 1, 2013.

We also find that pursuant to RSA 378:41, PSNH's TCAM filing in the instant docket is consistent with its most recently filed least cost integrated resource plan found adequate by the Commission.

This is one of several orders we are issuing for PSNH rates for effect with services rendered on and after July 1, 2013: the instant proceeding, an adjustment to PSNH's TCAM rate;

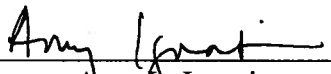
Docket No. DE 12-291, an adjustment to PSNH's stranded cost recovery charge; Docket No. DE 12-292, an adjustment to PSNH's energy service charge; and Docket No. DE 13-127, an adjustment to distribution rates for additions to net plant and an adjustment to collections to be deposited in PSNH's major storm reserve. Overall, the average total bill impact of these rate changes effective July 1, 2013 is an approximate decrease of 5.3% for residential customers taking energy service from PSNH. We find that the resulting rates are just and reasonable.

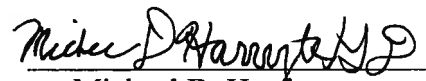
**Based upon the foregoing, it is hereby**

**ORDERED**, that PSNH's petition for a new transmission cost adjustment mechanism rate at an average rate of 1.714 cents per kWh for effect with service rendered on and after July 1, 2013 is hereby APPROVED; and it is


**FURTHER ORDERED**, that PSNH shall file conforming tariff pages within 30 days of this Order pursuant to New Hampshire Code Admin. Rules Part Puc 1603.

By order of the Public Utilities Commission of New Hampshire this twenty-seventh day of June, 2013.

  
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Amy G. Ignatius  
Chairman

  
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Michael D. Harrington  
Commissioner

Attested by:

  
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Debra A. Howland  
Executive Director

**SERVICE LIST - EMAIL ADDRESSES - DOCKET RELATED**

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Pursuant to N.H. Admin Rule Puc 203.11 (a) (1): Serve an electronic copy on each person identified on the service list.

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**FILING INSTRUCTIONS:**

- a) Pursuant to N.H. Admin Rule Puc 203.02 (a), with the exception of Discovery, file 7 copies, as well as an electronic copy, of all documents including cover letter with:
- DEBRA A HOWLAND  
EXEC DIRECTOR  
NHPUC  
21 S. FRUIT ST, SUITE 10  
CONCORD NH 03301-2429
- b) Serve an electronic copy with each person identified on the Commission's service list and with the Office of Consumer Advocate.
- c) Serve a written copy on each person on the service list not able to receive electronic mail.