



**STATE OF RHODE ISLAND  
DIVISION OF PUBLIC UTILITIES & CARRIERS**

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October 11, 2023

Luly Massaro, Clerk  
Public Utilities Commission  
89 Jefferson Blvd  
Warwick, RI 02888

**Re: Docket No. 23-23-NG**

Dear Ms. Massaro,

Attached for filing with the Public Utilities Commission in the above-entitled matter, please find a Memorandum from the Division of Public Utilities and Carriers.

Very truly yours,

*Leo J. Wold*

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Leo J. Wold  
Chief of Legal Services, DPUC

cc: Service List

Christy Hetherington, Esq.



## STATE OF RHODE ISLAND

DIVISION OF PUBLIC UTILITIES & CARRIERS  
Accounting Section  
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**To: Luly Massaro, Commission Clerk  
Public Utilities Commission**

**From: Alberico Mancini, Chief Regulatory Analyst  
Division of Public Utilities & Carriers**

**Date: October 11, 2023**

**Re: Docket No. 23-23-NG - Rhode Island Energy BTU Content Factor Update**

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On September 13, 2023, The Narragansett Electric Company, d/b/a Rhode Island Energy (“RIE” or “Company”) filed its Semi-Annual BTU content factor update in accordance with its gas tariff.<sup>1</sup> The intent of tracking the BTU content is to reflect the actual BTU content of the gas coming through the pipelines in billings to customers. BTU content can vary based on the source and processing of the gas. The Company’s tariffs are based on a rate per therm, while the customers’ meter readings are based on measurements of cubic feet of gas (volume) through the meter. A ccf to BTU conversion is therefore applied on the bills to convert the metered measure of volume use to the equivalent amount of therms, based on actual daily MMBtu readings at the various gate stations where the gas enters RIE’s distribution system. The Company submitted actual BTU content data totaling 29,351,811 Dths with a volume of 28,602,020 Mcfs for the six-month period November 1, 2022 through April 30, 2023 resulting in a BTU content factor of 1.026 (29,351,811/28,602,020) = 1.026).

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<sup>1</sup> Per the Company’s tariff, the BTU content factor is defined as follows: “One British thermal unit, (i.e., the amount of heat required to raise the temperature of one pound of water one-degree Fahrenheit at sixty degrees (60°) Fahrenheit). A Therm is one hundred thousand Btus. The BTU content factor for a given volume shall be calculated by the Company on a seasonal basis at the end of October and the end of April based upon an average of the Transporting Pipeline’s prior six-month experience of recorded BTU factors.”

I reviewed the filing and found it consistent with the approved tariff and prior filings and recommend approval of the proposed BTU conversion factor from 1.028 to 1.026 (1 ccf will now equate to 1.026 therms) effective November 1, 2023.