

## EEC Charge Factor Calculation

### EEC Charge Factors for Residential Customers

Effective  
January 1, 2024

EEC effective January 1, 2023 (\$/therm)	\$0.0520	
Inflation Factor	4.896%	(1)
Proposed EEC effective January 1, 2024 (\$/therm)	\$0.0545	

<b>Energy Efficiency Charge Factor for Residential Customers</b>	<b>\$0.0545</b>
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### EEC Charge Factors for Commercial and Industrial Customers (C&I)

EEC effective January 1, 2023 (\$/therm)	\$0.0257	
Inflation Factor	4.896%	(1)
Proposed EEC effective January 1, 2024 (\$/therm)	\$0.0270	

<b>Energy Efficiency Charge Factor for C&amp;I Customers</b>	<b>\$0.0270</b>
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(1) Inflation Factor is the most recently available 3-yr average CPI, in accordance with HB 549 and SB 113, and provided by the DOE.

Northern Utilities, Inc.																
New Hampshire Division																
EEC Charge Reconciliation through December 31, 2023																
Residential Customers																
		Beginning Balance (Over)/Under		EEC Rate per Therm	EEC Collections	EEC Costs	DSM PI	Allocated Low Income Costs	Allocated Low Income PI	Ending Balance (Over)/Under	Average Balance (Over)/Under	Interest Prime Rate	Interest @ Prime Rate	Ending Balance plus Interest (Over)/Under	Therm Sales	# of Days
November-22	Actual	(\$148,704)		\$0.0499	\$48,363	\$79,074	\$3,918	\$31,332	\$499	(\$82,244)	(\$115,474)	5.50%	(\$522)	(\$82,766)	969,156	30
December-22	Actual	(\$82,766)		\$0.0499	\$109,029	\$193,698	\$3,918	\$33,362	\$687	\$39,870	(\$21,448)	5.50%	(\$100)	\$39,770	2,184,906	31
January-23	Actual	\$39,770		\$0.0520	\$154,999	\$48,837	\$2,768	\$2,707	\$432	(\$60,485)	(\$10,357)	7.00%	(\$62)	(\$60,546)	3,049,368	31
February-23	Actual	(\$60,546)		\$0.0520	\$159,973	\$26,760	\$2,768	\$6,066	\$433	(\$184,492)	(\$122,519)	7.00%	(\$658)	(\$185,150)	3,076,441	28
March-23	Actual	(\$185,150)		\$0.0520	\$145,482	\$84,827	\$2,768	\$7,946	\$428	(\$234,663)	(\$209,907)	7.00%	(\$1,248)	(\$235,911)	2,797,702	31
April-23	Actual	(\$235,911)		\$0.0520	\$91,427	\$48,117	\$2,768	\$2,375	\$395	(\$273,682)	(\$254,797)	7.75%	(\$1,623)	(\$275,305)	1,758,160	30
May-23	Actual	(\$275,305)		\$0.0520	\$51,096	\$82,685	\$2,768	\$13,750	\$318	(\$226,880)	(\$251,093)	7.75%	(\$1,653)	(\$228,533)	982,595	31
June-23	Actual	(\$228,533)		\$0.0520	\$26,936	\$56,242	(\$2,551)(1)	\$2,097	\$1,273 (1)	(\$198,408)	(\$213,471)	7.75%	(\$1,278)(1)	(\$199,686)	518,018	30
July-23	Actual	(\$199,686)		\$0.0520	\$19,662	\$61,185	\$2,768	\$9,941	\$208	(\$145,245)	(\$172,466)	8.25%	(\$1,208)	(\$146,454)	378,141	31
August-23	Actual	(\$146,454)		\$0.0520	\$17,682	\$52,775	\$2,768	\$6,844	\$178	(\$101,571)	(\$124,012)	8.25%	(\$869)	(\$102,440)	340,235	31
September-23	Actual	(\$102,440)		\$0.0520	\$17,201	\$105,210	\$2,768	\$22,563	\$178	\$11,079	(\$45,680)	8.25%	(\$310)	\$10,769	330,912	30
October-23	Actual	\$10,769		\$0.0520	\$26,133	\$54,195	\$2,768	\$8,292	\$216	\$50,107	\$30,438	8.50%	\$220	\$50,326	502,575	31
November-23	Forecast	\$50,326		\$0.0520	\$67,391	\$74,331	\$2,768	\$9,244	\$344	\$69,623	\$59,975	8.50%	\$419	\$70,042	1,295,983	30
December-23	Forecast	\$70,042		\$0.0520	\$136,606	\$74,331	\$2,768	\$11,786	\$439	\$22,761	\$46,402	8.50%	\$335	\$23,096	2,627,042	31
Total 2022					\$914,588	\$769,496	\$27,898	\$103,613	\$4,841				(\$7,935)		17,657,172	

Forecast therm Sales from Company Forecast as seen in Attachment NUI-FXW-1.

Actual Performance Incentives includes reconciliations from prior year(s).

(1) Reflects interest adjustments associated with PI true-up.

<p style="text-align: center;"><b>Northern Utilities, Inc.</b>  <b>New Hampshire Division</b>  <b>EEC Charge Reconciliation through December 31, 2023</b>  <b>General Service Customers</b></p>															
		Beginning Balance (Over)/Under	EEC Rate per Therm	EEC Collections	EEC Costs	DSM PI	Allocated Low Income Costs	Allocated Low Income PI	Ending Balance (Over)/Under	Average Balance (Over)/Under	Interest Prime Rate	Interest @ Prime Rate	Ending Balance plus Interest (Over)/Under	Therm Sales	# of Days
November-22	Actual	(\$757,357)	\$0.0247	\$98,561	\$136,901	\$6,291	\$129,004	\$2,054	(\$581,668)	(\$669,512)	5.50%	(\$3,027)	(\$584,695)	3,990,311	30
December-22	Actual	(\$584,695)	\$0.0247	\$146,629	\$760,461	\$6,291	\$90,599	\$1,865	\$127,893	(\$228,401)	5.50%	(\$1,067)	\$126,826	5,933,403	31
January-23	Actual	\$126,826	\$0.0257	\$186,368	\$21,642	\$3,129	\$6,529	\$1,042	(\$27,200)	\$49,813	7.00%	\$296	(\$26,903)	7,355,197	31
February-23	Actual	(\$26,903)	\$0.0257	\$190,429	\$33,104	\$3,129	\$14,611	\$1,042	(\$165,446)	(\$96,175)	7.00%	(\$516)	(\$165,962)	7,409,936	28
March-23	Actual	(\$165,962)	\$0.0257	\$176,036	\$163,509	\$3,129	\$19,455	\$1,047	(\$154,859)	(\$160,411)	7.00%	(\$954)	(\$155,812)	6,849,674	31
April-23	Actual	(\$155,812)	\$0.0257	\$123,446	\$75,978	\$3,129	\$6,490	\$1,079	(\$192,581)	(\$174,197)	7.75%	(\$1,110)	(\$193,691)	4,803,317	30
May-23	Actual	(\$193,691)	\$0.0257	\$91,952	\$45,143	\$3,129	\$50,092	\$1,157	(\$186,122)	(\$189,906)	7.75%	(\$1,250)	(\$187,372)	3,579,527	31
June-23	Actual	(\$187,372)	\$0.0257	\$66,940	\$32,803	\$764 (1)	\$10,544	\$6,398 (1)	(\$203,804)	(\$195,588)	7.75%	(\$1,413)(1)	(\$205,217)	2,604,274	30
July-23	Actual	(\$205,217)	\$0.0257	\$59,051	\$44,940	\$3,129	\$60,366	\$1,266	(\$154,567)	(\$179,892)	8.25%	(\$1,260)	(\$155,828)	2,296,298	31
August-23	Actual	(\$155,828)	\$0.0257	\$63,685	\$43,993	\$3,129	\$49,848	\$1,296	(\$121,245)	(\$138,536)	8.25%	(\$971)	(\$122,215)	2,478,055	31
September-23	Actual	(\$122,215)	\$0.0257	\$62,011	\$31,421	\$3,129	\$164,519	\$1,297	\$16,139	(\$53,038)	8.25%	(\$360)	\$15,780	2,412,828	30
October-23	Actual	\$15,780	\$0.0257	\$75,161	\$24,820	\$3,129	\$48,249	\$1,258	\$18,076	\$16,928	8.50%	\$122	\$18,198	2,924,493	31
November-23	Forecast	\$18,198	\$0.0257	\$109,341	\$126,054	\$3,129	\$30,348	\$1,130	\$69,518	\$43,858	8.50%	\$306	\$69,824	4,254,522	30
December-23	Forecast	\$69,824	\$0.0257	\$159,276	\$157,568	\$3,129	\$27,805	\$1,035	\$100,086	\$84,955	8.50%	\$613	\$100,700	6,197,505	31
Total 2022				\$1,363,695	\$800,974	\$35,188	\$488,856	\$19,047				(\$6,496)		53,165,626	

Forecast therm Sales from Company Forecast as seen in Attachment NUI-FXW-1. Does not include Special Contracts.

Actual Performance Incentives includes reconciliations from prior year(s).

(1) Reflects interest adjustments associated with PI true-up.

**NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION**  
**Summary of EEC Typical Bill Analysis**

Energy Efficiency Charge/Lost Revenue Rate (\$/therm)	<u>December 1, 2023</u>	<u>January 1, 2024</u>
Residential	\$0.0520	\$0.0545
Commercial & Industrial	\$0.0257	\$0.0270

<u>Bill per period</u>	<u>Winter</u>	<u>Summer</u>	<u>Winter</u>	<u>Summer</u>
Residential Heat - R-5	\$995.83	\$314.46	\$997.05	\$314.74
Residential Non-Heat - R-6	\$405.31	\$254.94	\$405.61	\$255.09
G-40 Commercial & Industrial	\$2,054.45	\$698.75	\$2,056.44	\$699.08
G-41 Commercial & Industrial	\$18,017.80	\$4,754.94	\$18,038.16	\$4,759.93
G-42 Commercial & Industrial	\$126,939.11	\$42,584.55	\$127,094.36	\$42,639.39
G-50 Commercial & Industrial	\$1,488.79	\$1,148.09	\$1,490.25	\$1,149.31
G-51 Commercial & Industrial	\$10,390.69	\$6,234.55	\$10,404.62	\$6,244.27
G-52 Commercial & Industrial	\$243,438.67	\$144,535.88	\$243,799.77	\$144,838.45

Change from prior period - \$ per period

Residential Heat - R-5	\$1.22	\$0.28
Residential Non-Heat - R-6	\$0.30	\$0.15
G-40 Commercial & Industrial	\$1.99	\$0.33
G-41 Commercial & Industrial	\$20.36	\$4.99
G-42 Commercial & Industrial	\$155.25	\$54.84
G-50 Commercial & Industrial	\$1.46	\$1.22
G-51 Commercial & Industrial	\$13.93	\$9.72
G-52 Commercial & Industrial	\$361.10	\$302.57

Change from prior period - %

Residential Heat - R-5	0.12%	0.09%
Residential Non-Heat - R-6	0.07%	0.06%
G-40 Commercial & Industrial	0.10%	0.05%
G-41 Commercial & Industrial	0.11%	0.10%
G-42 Commercial & Industrial	0.12%	0.13%
G-50 Commercial & Industrial	0.10%	0.11%
G-51 Commercial & Industrial	0.13%	0.16%
G-52 Commercial & Industrial	0.15%	0.21%