

# **The Commonwealth of Massachusetts**

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RETURN

OF THE

Fitchburg Gas and Electric Light Company d/b/a Unitil

TO THE

DEPARTMENT OF PUBLIC UTILITIES

OF MASSACHUSETTS

**For the Year Ended December 31,  
2022**

**Supplemental Data  
Electric Energy Burden Analysis**

Name of officer to whom

correspondence should be

addressed regarding this report: Daniel J. Hurstak

Official Title: Controller

Office address: 6 Liberty Lane West, Hampton, NH 03842

**Fitchburg Gas and Electric Light Company**  
**Electric Energy Burden Analysis – 2022**

As directed by the Department of Public Utilities (the “Department”), in its Memorandum on Annual Returns to Include Utility Burden Index Analysis, dated February 9, 2023, the following chart provides a detailed household economic burden index analysis (“Burden Analysis”) evaluating residential energy electric utility customer bills as percentages of household income by county. The Burden Analysis provides the summary results of a detailed household burden index analysis by census block group, which is based on the total customer bill that includes net metering from solar, low-income discounts, and other bill impact factors.

The Burden Analysis further provides an analysis by household income for the statewide median household income and 50 percent, 100 percent, and 200 percent of the Federal Poverty Guidelines, to provide the Department with a clearer picture of specific areas in the Company’s service territory with higher-than-average energy burden.

For its analysis, the Company engaged a third-party to geocode its customers and append census level identifiers and related information. The Company then summarized its billing data to yield average bills by the census identifiers to conduct the Burden Analysis. The Company, furthermore, intends to use this information to develop more advanced and meaningful strategies to enhance customer engagement and support.

**Fitchburg Gas and Electric Light Company**  
**Electric Energy Burden Analysis - 2022**  
**Summary Data**

County	Block Group	Counts	Avg Annual Billing	Block/Tract Level Median Income	Towns	% Annual Impact
Middlesex	250092175005	1	\$ 1,129.48	\$ 76,607.00	TOWNSEND	1.5%
Middlesex	250173001001	707	\$ 1,735.19	\$ 90,341.00	ASHBY	1.9%
Middlesex	250173001002	558	\$ 1,891.72	\$ 106,176.00	ASHBY	1.8%
Middlesex	250173011011	732	\$ 2,352.12	\$ 89,113.00	TOWNSEND	2.6%
Middlesex	250173011012	504	\$ 2,254.55	\$ 118,792.00	TOWNSEND	1.9%
Middlesex	250173011013	502	\$ 1,620.37	\$ 55,560.00	TOWNSEND	2.9%
Middlesex	250173011021	490	\$ 2,182.81	\$ 107,676.00	TOWNSEND	2.0%
Middlesex	250173011022	786	\$ 2,249.30	\$ 125,238.00	TOWNSEND	1.8%
Middlesex	250173011023	632	\$ 2,309.89	\$ 86,310.00	TOWNSEND	2.7%
Middlesex	250173882001	21	\$ 2,800.43	\$ 109,643.00	SHIRLEY	2.6%
Worcester	250277091001	11	\$ 3,037.40	\$ 130,409.00	LEOMINSTER	2.3%
Worcester	250277095022	2	\$ 2,585.43	\$ 102,158.00	LEOMINSTER	2.5%
Worcester	250277101001	508	\$ 1,598.18	\$ 73,308.00	FITCHBURG	2.2%
Worcester	250277101002	308	\$ 1,444.27	\$ 70,302.00	FITCHBURG	2.1%
Worcester	250277101003	305	\$ 1,605.27	\$ 65,185.00	FITCHBURG	2.5%
Worcester	250277101004	384	\$ 1,525.34	\$ 78,064.00	FITCHBURG	2.0%
Worcester	250277102001	387	\$ 1,414.38	\$ 73,190.00	FITCHBURG	1.9%
Worcester	250277102002	321	\$ 1,830.63	\$ 62,163.00	FITCHBURG	2.9%
Worcester	250277102003	378	\$ 2,019.89	\$ 125,781.00	FITCHBURG	1.6%
Worcester	250277102004	477	\$ 1,306.52	\$ 73,190.00	FITCHBURG	1.8%
Worcester	250277102005	902	\$ 1,872.83	\$ 111,019.00	FITCHBURG	1.7%
Worcester	250277102006	526	\$ 1,910.35	\$ 108,456.00	FITCHBURG	1.8%
Worcester	250277103001	642	\$ 1,897.23	\$ 82,196.00	FITCHBURG	2.3%
Worcester	250277103002	788	\$ 1,686.03	\$ 75,163.00	FITCHBURG	2.2%
Worcester	250277104001	471	\$ 1,512.25	\$ 72,450.00	FITCHBURG	2.1%
Worcester	250277104002	464	\$ 1,728.68	\$ 72,292.00	FITCHBURG	2.4%
Worcester	250277105001	431	\$ 1,483.72	\$ 55,824.00	FITCHBURG	2.7%
Worcester	250277105002	592	\$ 1,282.06	\$ 31,850.00	FITCHBURG	4.0%
Worcester	250277105003	359	\$ 1,683.20	\$ 63,750.00	FITCHBURG	2.6%
Worcester	250277106011	510	\$ 1,586.55	\$ 68,351.00	FITCHBURG	2.3%

**Fitchburg Gas and Electric Light Company**  
**Electric Energy Burden Analysis - 2022**  
**Summary Data**

County	Block Group	Counts	Avg Annual Billing	Block/Tract Level Median Income	Towns	% Annual Impact
Worcester	250277106012	791	\$ 1,718.66	\$ 58,828.00	FITCHBURG	2.9%
Worcester	250277106021	474	\$ 1,391.39	\$ 27,936.00	FITCHBURG	5.0%
Worcester	250277106022	560	\$ 1,638.61	\$ 86,280.00	FITCHBURG	1.9%
Worcester	250277106023	679	\$ 1,910.21	\$ 77,639.00	FITCHBURG	2.5%
Worcester	250277107001	177	\$ 1,643.19	\$ 18,936.00	FITCHBURG	8.7%
Worcester	250277107002	403	\$ 1,398.99	\$ 20,117.00	FITCHBURG	7.0%
Worcester	250277108001	386	\$ 1,731.88	\$ 56,944.00	FITCHBURG	3.0%
Worcester	250277108002	532	\$ 1,723.96	\$ 43,603.00	FITCHBURG	4.0%
Worcester	250277108003	354	\$ 1,452.28	\$ 28,589.00	FITCHBURG	5.1%
Worcester	250277108004	401	\$ 1,563.38	\$ 45,425.00	FITCHBURG	3.4%
Worcester	250277110001	511	\$ 1,813.99	\$ 59,432.00	FITCHBURG	3.1%
Worcester	250277110002	329	\$ 1,723.78	\$ 57,298.00	FITCHBURG	3.0%
Worcester	250277110003	380	\$ 1,498.28	\$ 57,298.00	FITCHBURG	2.6%
Worcester	250277111001	736	\$ 1,814.23	\$ 96,014.00	FITCHBURG	1.9%
Worcester	250277111002	974	\$ 2,083.38	\$ 104,102.00	FITCHBURG	2.0%
Worcester	250277121011	561	\$ 1,951.72	\$ 116,632.00	LUNENBURG	1.7%
Worcester	250277121012	1184	\$ 1,558.21	\$ 111,767.00	LUNENBURG	1.4%
Worcester	250277121013	951	\$ 1,371.07	\$ 67,222.00	LUNENBURG	2.0%
Worcester	250277121014	508	\$ 1,902.23	\$ 94,180.00	LUNENBURG	2.0%
Worcester	250277121021	981	\$ 1,942.38	\$ 111,960.00	LUNENBURG	1.7%
Worcester	250277121022	643	\$ 2,073.94	\$ 118,500.00	LUNENBURG	1.8%

Fitchburg Gas and Electric Light Company  
Electric Energy Burden Analysis - 2022  
County Level

County	County Level Median Income	Average Annual Electric Bill	Electric Energy Burden based on Census Median Income	Electric Energy Burden based on Statewide Median Income	Electric Energy Burden based on 50% of Poverty	Electric Energy Burden based on 100% of Poverty	Electric Energy Burden based on 200% of Poverty
Middlesex	\$ 119,911	\$ 2,090	1.7%	2.3%	15.8%	7.9%	3.9%
Worcester	\$ 86,628	\$ 1,699	2.0%	1.9%	12.8%	6.4%	3.2%
<i>Statewide Median Income</i>	<i>\$ 89,026</i>						
<i>50% of Poverty</i>	<i>\$ 13,250</i>						
<i>100% of Poverty</i>	<i>\$ 26,500</i>						
<i>200% of Poverty</i>	<i>\$ 53,000</i>						

**Fitchburg Gas and Electric Light Company**  
**Electric Energy Burden Analysis - 2022**  
**Census Block Level**

*Statewide Median Income*                   \$ **89,026**  
*50% of Poverty*                             \$ **13,250**  
*100% of Poverty*                          \$ **26,500**  
*200% of Poverty*                         \$ **53,000**

Census Block ID	Census Block Label	County	Municipality(ies)	Electric Utility	Census Block Group Median Income	Census Block Group Households	Census Tract Median Income	Census Tract Households	Block/Tract Level Median Income	Electric Households included in Average Bill Calculation	Average Annual Electric Bill	Electric Energy Burden based on Census Median Income
250092175005	Block Group 5, Census Tract 2175, Essex County	Middlesex	TOWNSEND	Unitil	\$ 76,607	886	\$ 95,132	2,788	\$ 76,607	1	\$ 1,129	1.5%
250173001001	Block Group 1, Census Tract 3001, Middlesex County	Middlesex	ASHBY	Unitil	\$ 90,341	717	\$ 95,536	1,297	\$ 90,341	707	\$ 1,735	1.9%
250173001002	Block Group 2, Census Tract 3001, Middlesex County	Middlesex	ASHBY	Unitil	\$ 106,176	580	\$ 95,536	1,297	\$ 106,176	558	\$ 1,892	1.8%
250173011011	Block Group 1, Census Tract 3011.01, Middlesex County	Middlesex	TOWNSEND	Unitil	\$ 89,113	688	\$ 95,625	1,567	\$ 89,113	732	\$ 2,352	2.6%
250173011012	Block Group 2, Census Tract 3011.01, Middlesex County	Middlesex	TOWNSEND	Unitil	\$ 118,792	448	\$ 95,625	1,567	\$ 118,792	504	\$ 2,255	1.9%
250173011013	Block Group 3, Census Tract 3011.01, Middlesex County	Middlesex	TOWNSEND	Unitil	\$ 55,560	431	\$ 95,625	1,567	\$ 55,560	502	\$ 1,620	2.9%
250173011021	Block Group 1, Census Tract 3011.02, Middlesex County	Middlesex	TOWNSEND	Unitil	\$ 107,676	450	\$ 108,306	1,944	\$ 107,676	490	\$ 2,183	2.0%
250173011022	Block Group 2, Census Tract 3011.02, Middlesex County	Middlesex	TOWNSEND	Unitil	\$ 125,238	884	\$ 108,306	1,944	\$ 125,238	786	\$ 2,249	1.8%
250173011023	Block Group 3, Census Tract 3011.02, Middlesex County	Middlesex	TOWNSEND	Unitil	\$ 86,310	610	\$ 108,306	1,944	\$ 86,310	632	\$ 2,310	2.7%
250173882001	Block Group 1, Census Tract 3882, Middlesex County	Middlesex	SHIRLEY	Split - NG, Unitil	\$ 109,643	500	\$ 111,875	2,345	\$ 109,643	21	\$ 2,800	2.6%
250277091001	Block Group 1, Census Tract 7091, Worcester County	Worcester	LEOMINSTER	Split - NG, Unitil	\$ 130,409	908	\$ 96,292	1,813	\$ 130,409	11	\$ 3,037	2.3%
250277095022	Block Group 2, Census Tract 7095.02, Worcester County	Worcester	LEOMINSTER	Split - NG, Unitil	\$ 102,158	1,022	\$ 77,369	2,491	\$ 102,158	2	\$ 2,585	2.5%
250277101001	Block Group 1, Census Tract 7101, Worcester County	Worcester	FITCHBURG	Unitil	\$ 73,308	488	\$ 70,573	1,376	\$ 73,308	508	\$ 1,598	2.2%
250277101002	Block Group 2, Census Tract 7101, Worcester County	Worcester	FITCHBURG	Unitil	\$ 70,302	249	\$ 70,573	1,376	\$ 70,302	308	\$ 1,444	2.1%
250277101003	Block Group 3, Census Tract 7101, Worcester County	Worcester	FITCHBURG	Unitil	\$ 65,185	282	\$ 70,573	1,376	\$ 65,185	305	\$ 1,605	2.5%
250277101004	Block Group 4, Census Tract 7101, Worcester County	Worcester	FITCHBURG	Unitil	\$ 78,064	357	\$ 70,573	1,376	\$ 78,064	384	\$ 1,525	2.0%
250277102001	Block Group 1, Census Tract 7102, Worcester County	Worcester	FITCHBURG	Unitil	.	461	\$ 73,190	2,990	\$ 73,190	387	\$ 1,414	1.9%
250277102002	Block Group 2, Census Tract 7102, Worcester County	Worcester	FITCHBURG	Unitil	\$ 62,163	307	\$ 73,190	2,990	\$ 62,163	321	\$ 1,831	2.9%
250277102003	Block Group 3, Census Tract 7102, Worcester County	Worcester	FITCHBURG	Unitil	\$ 125,781	340	\$ 73,190	2,990	\$ 125,781	378	\$ 2,020	1.6%
250277102004	Block Group 4, Census Tract 7102, Worcester County	Worcester	FITCHBURG	Unitil	.	463	\$ 73,190	2,990	\$ 73,190	477	\$ 1,307	1.8%
250277102005	Block Group 5, Census Tract 7102, Worcester County	Worcester	FITCHBURG	Unitil	\$ 111,019	826	\$ 73,190	2,990	\$ 111,019	902	\$ 1,873	1.7%
250277102006	Block Group 6, Census Tract 7102, Worcester County	Worcester	FITCHBURG	Unitil	\$ 108,456	593	\$ 73,190	2,990	\$ 108,456	526	\$ 1,910	1.8%
250277103001	Block Group 1, Census Tract 7103, Worcester County	Worcester	FITCHBURG	Unitil	\$ 82,196	641	\$ 80,573	1,380	\$ 82,196	642	\$ 1,897	2.3%
250277103002	Block Group 2, Census Tract 7103, Worcester County	Worcester	FITCHBURG	Unitil	\$ 75,163	739	\$ 80,573	1,380	\$ 75,163	788	\$ 1,686	2.2%
250277104001	Block Group 1, Census Tract 7104, Worcester County	Worcester	FITCHBURG	Unitil	\$ 72,450	395	\$ 72,419	884	\$ 72,450	471	\$ 1,512	2.1%
250277104002	Block Group 2, Census Tract 7104, Worcester County	Worcester	FITCHBURG	Unitil	\$ 72,292	489	\$ 72,419	884	\$ 72,292	464	\$ 1,729	2.4%
250277105001	Block Group 1, Census Tract 7105, Worcester County	Worcester	FITCHBURG	Unitil	\$ 55,824	421	\$ 46,597	1,369	\$ 55,824	431	\$ 1,484	2.7%
250277105002	Block Group 2, Census Tract 7105, Worcester County	Worcester	FITCHBURG	Unitil	\$ 31,850	609	\$ 46,597	1,369	\$ 31,850	592	\$ 1,282	4.0%
250277105003	Block Group 3, Census Tract 7105, Worcester County	Worcester	FITCHBURG	Unitil	\$ 63,750	339	\$ 46,597	1,369	\$ 63,750	359	\$ 1,683	2.6%
250277106011	Block Group 1, Census Tract 7106.01, Worcester County	Worcester	FITCHBURG	Unitil	\$ 68,351	345	\$ 59,746	1,193	\$ 68,351	510	\$ 1,587	2.3%
250277106012	Block Group 2, Census Tract 7106.01, Worcester County	Worcester	FITCHBURG	Unitil	\$ 58,828	848	\$ 59,746	1,193	\$ 58,828	791	\$ 1,719	2.9%
250277106021	Block Group 1, Census Tract 7106.02, Worcester County	Worcester	FITCHBURG	Unitil	\$ 27,936	697	\$ 57,337	1,781	\$ 27,936	474	\$ 1,391	5.0%
250277106022	Block Group 2, Census Tract 7106.02, Worcester County	Worcester	FITCHBURG	Unitil	\$ 86,280	474	\$ 57,337	1,781	\$ 86,280	560	\$ 1,639	1.9%
250277106023	Block Group 3, Census Tract 7106.02, Worcester County	Worcester	FITCHBURG	Unitil	\$ 77,639	610	\$ 57,337	1,781	\$ 77,639	679	\$ 1,910	2.5%
250277107001	Block Group 1, Census Tract 7107, Worcester County	Worcester	FITCHBURG	Unitil	\$ 18,936	400	\$ 19,288	975	\$ 18,936	177	\$ 1,643	8.7%
250277107002	Block Group 2, Census Tract 7107, Worcester County	Worcester	FITCHBURG	Unitil	\$ 20,117	575	\$ 19,288	975	\$ 20,117	403	\$ 1,399	7.0%
250277108001	Block Group 1, Census Tract 7108, Worcester County	Worcester	FITCHBURG	Unitil	\$ 56,944	356	\$ 45,425	1,745	\$ 56,944	386	\$ 1,732	3.0%
250277108002	Block Group 2, Census Tract 7108, Worcester County	Worcester	FITCHBURG	Unitil	\$ 43,603	491	\$ 45,425	1,745	\$ 43,603	532	\$ 1,724	4.0%
250277108003	Block Group 3, Census Tract 7108, Worcester County	Worcester	FITCHBURG	Unitil	\$ 28,589	455	\$ 45,425	1,745	\$ 28,589	354	\$ 1,452	5.1%
250277108004	Block Group 4, Census Tract 7108, Worcester County	Worcester	FITCHBURG	Unitil	.	443	\$ 45,425	1,745	\$ 45,425	401	\$ 1,563	3.4%
250277110001	Block Group 1, Census Tract 7110, Worcester County	Worcester	FITCHBURG	Unitil	\$ 59,432	568	\$ 57,298	1,139	\$ 59,432	511	\$ 1,814	3.1%

Census Block ID	Census Block Label	County	Municipality(ies)	Electric Utility	Census Block Group Median Income	Census Block Group Households	Census Tract Median Income	Census Tract Households	Block/Tract Level Median Income	Electric Households included in Average Bill Calculation	Average Annual Electric Bill	Electric Energy Burden based on Census Median Income
250277110002	Block Group 2, Census Tract 7110, Worcester County	Worcester	FITCHBURG	Unitil	.	274	\$ 57,298	1,139	\$ 57,298	329	\$ 1,724	3.0%
250277110003	Block Group 3, Census Tract 7110, Worcester County	Worcester	FITCHBURG	Unitil	.	297	\$ 57,298	1,139	\$ 57,298	380	\$ 1,498	2.6%
250277111001	Block Group 1, Census Tract 7111, Worcester County	Worcester	FITCHBURG	Unitil	\$ 96,014	728	\$ 101,905	1,566	\$ 96,014	736	\$ 1,814	1.9%
250277111002	Block Group 2, Census Tract 7111, Worcester County	Worcester	FITCHBURG	Unitil	\$ 104,102	838	\$ 101,905	1,566	\$ 104,102	974	\$ 2,083	2.0%
250277121011	Block Group 1, Census Tract 7121.01, Worcester County	Worcester	LUNENBURG	Unitil	\$ 116,632	559	\$ 93,560	2,987	\$ 116,632	561	\$ 1,952	1.7%
250277121012	Block Group 2, Census Tract 7121.01, Worcester County	Worcester	LUNENBURG	Unitil	\$ 111,767	1,065	\$ 93,560	2,987	\$ 111,767	1184	\$ 1,558	1.4%
250277121013	Block Group 3, Census Tract 7121.01, Worcester County	Worcester	LUNENBURG	Unitil	\$ 67,222	968	\$ 93,560	2,987	\$ 67,222	951	\$ 1,371	2.0%
250277121014	Block Group 4, Census Tract 7121.01, Worcester County	Worcester	LUNENBURG	Unitil	\$ 94,180	395	\$ 93,560	2,987	\$ 94,180	508	\$ 1,902	2.0%
250277121021	Block Group 1, Census Tract 7121.02, Worcester County	Worcester	LUNENBURG	Unitil	\$ 111,960	779	\$ 113,472	1,445	\$ 111,960	981	\$ 1,942	1.7%
250277121022	Block Group 2, Census Tract 7121.02, Worcester County	Worcester	LUNENBURG	Unitil	\$ 118,500	666	\$ 113,472	1,445	\$ 118,500	643	\$ 2,074	1.8%

**Fitchburg Gas and Electric Light Company**  
**Electric Energy Burden Analysis - 2022**  
**Census Block Level**

*Statewide Median Income*                   \$ **89,026**  
*50% of Poverty*                           \$ **13,250**  
*100% of Poverty*                         \$ **26,500**  
*200% of Poverty*                         \$ **53,000**

Census Block ID	Census Block Label	County	Municipality(ies)	Electric Utility	Electric Energy Burden based on Statewide Median Income	Electric Energy Burden based on 50% of Poverty	Electric Energy Burden based on 100% of Poverty	Electric Energy Burden based on 200% of Poverty
250092175005	Block Group 5, Census Tract 2175, Essex County	Middlesex	TOWNSEND	Unitil	1.3%	8.5%	4.3%	2.1%
250173001001	Block Group 1, Census Tract 3001, Middlesex County	Middlesex	ASHBY	Unitil	1.9%	13.1%	6.5%	3.3%
250173001002	Block Group 2, Census Tract 3001, Middlesex County	Middlesex	ASHBY	Unitil	2.1%	14.3%	7.1%	3.6%
250173011011	Block Group 1, Census Tract 3011.01, Middlesex County	Middlesex	TOWNSEND	Unitil	2.6%	17.8%	8.9%	4.4%
250173011012	Block Group 2, Census Tract 3011.01, Middlesex County	Middlesex	TOWNSEND	Unitil	2.5%	17.0%	8.5%	4.3%
250173011013	Block Group 3, Census Tract 3011.01, Middlesex County	Middlesex	TOWNSEND	Unitil	1.8%	12.2%	6.1%	3.1%
250173011021	Block Group 1, Census Tract 3011.02, Middlesex County	Middlesex	TOWNSEND	Unitil	2.5%	16.5%	8.2%	4.1%
250173011022	Block Group 2, Census Tract 3011.02, Middlesex County	Middlesex	TOWNSEND	Unitil	2.5%	17.0%	8.5%	4.2%
250173011023	Block Group 3, Census Tract 3011.02, Middlesex County	Middlesex	TOWNSEND	Unitil	2.6%	17.4%	8.7%	4.4%
250173882001	Block Group 1, Census Tract 3882, Middlesex County	Middlesex	SHIRLEY	Split - NG, Unitil	3.1%	21.1%	10.6%	5.3%
250277091001	Block Group 1, Census Tract 7091, Worcester County	Worcester	LEOMINSTER	Split - NG, Unitil	3.4%	22.9%	11.5%	5.7%
250277095022	Block Group 2, Census Tract 7095.02, Worcester County	Worcester	LEOMINSTER	Split - NG, Unitil	2.9%	19.5%	9.8%	4.9%
250277101001	Block Group 1, Census Tract 7101, Worcester County	Worcester	FITCHBURG	Unitil	1.8%	12.1%	6.0%	3.0%
250277101002	Block Group 2, Census Tract 7101, Worcester County	Worcester	FITCHBURG	Unitil	1.6%	10.9%	5.5%	2.7%
250277101003	Block Group 3, Census Tract 7101, Worcester County	Worcester	FITCHBURG	Unitil	1.8%	12.1%	6.1%	3.0%
250277101004	Block Group 4, Census Tract 7101, Worcester County	Worcester	FITCHBURG	Unitil	1.7%	11.5%	5.8%	2.9%
250277102001	Block Group 1, Census Tract 7102, Worcester County	Worcester	FITCHBURG	Unitil	1.6%	10.7%	5.3%	2.7%
250277102002	Block Group 2, Census Tract 7102, Worcester County	Worcester	FITCHBURG	Unitil	2.1%	13.8%	6.9%	3.5%
250277102003	Block Group 3, Census Tract 7102, Worcester County	Worcester	FITCHBURG	Unitil	2.3%	15.2%	7.6%	3.8%
250277102004	Block Group 4, Census Tract 7102, Worcester County	Worcester	FITCHBURG	Unitil	1.5%	9.9%	4.9%	2.5%
250277102005	Block Group 5, Census Tract 7102, Worcester County	Worcester	FITCHBURG	Unitil	2.1%	14.1%	7.1%	3.5%
250277102006	Block Group 6, Census Tract 7102, Worcester County	Worcester	FITCHBURG	Unitil	2.1%	14.4%	7.2%	3.6%
250277103001	Block Group 1, Census Tract 7103, Worcester County	Worcester	FITCHBURG	Unitil	2.1%	14.3%	7.2%	3.6%
250277103002	Block Group 2, Census Tract 7103, Worcester County	Worcester	FITCHBURG	Unitil	1.9%	12.7%	6.4%	3.2%
250277104001	Block Group 1, Census Tract 7104, Worcester County	Worcester	FITCHBURG	Unitil	1.7%	11.4%	5.7%	2.9%
250277104002	Block Group 2, Census Tract 7104, Worcester County	Worcester	FITCHBURG	Unitil	1.9%	13.0%	6.5%	3.3%
250277105001	Block Group 1, Census Tract 7105, Worcester County	Worcester	FITCHBURG	Unitil	1.7%	11.2%	5.6%	2.8%
250277105002	Block Group 2, Census Tract 7105, Worcester County	Worcester	FITCHBURG	Unitil	1.4%	9.7%	4.8%	2.4%
250277105003	Block Group 3, Census Tract 7105, Worcester County	Worcester	FITCHBURG	Unitil	1.9%	12.7%	6.4%	3.2%
250277106011	Block Group 1, Census Tract 7106.01, Worcester County	Worcester	FITCHBURG	Unitil	1.8%	12.0%	6.0%	3.0%
250277106012	Block Group 2, Census Tract 7106.01, Worcester County	Worcester	FITCHBURG	Unitil	1.9%	13.0%	6.5%	3.2%
250277106021	Block Group 1, Census Tract 7106.02, Worcester County	Worcester	FITCHBURG	Unitil	1.6%	10.5%	5.3%	2.6%
250277106022	Block Group 2, Census Tract 7106.02, Worcester County	Worcester	FITCHBURG	Unitil	1.8%	12.4%	6.2%	3.1%
250277106023	Block Group 3, Census Tract 7106.02, Worcester County	Worcester	FITCHBURG	Unitil	2.1%	14.4%	7.2%	3.6%
250277107001	Block Group 1, Census Tract 7107, Worcester County	Worcester	FITCHBURG	Unitil	1.8%	12.4%	6.2%	3.1%
250277107002	Block Group 2, Census Tract 7107, Worcester County	Worcester	FITCHBURG	Unitil	1.6%	10.6%	5.3%	2.6%
250277108001	Block Group 1, Census Tract 7108, Worcester County	Worcester	FITCHBURG	Unitil	1.9%	13.1%	6.5%	3.3%
250277108002	Block Group 2, Census Tract 7108, Worcester County	Worcester	FITCHBURG	Unitil	1.9%	13.0%	6.5%	3.3%
250277108003	Block Group 3, Census Tract 7108, Worcester County	Worcester	FITCHBURG	Unitil	1.6%	11.0%	5.5%	2.7%
250277108004	Block Group 4, Census Tract 7108, Worcester County	Worcester	FITCHBURG	Unitil	1.8%	11.8%	5.9%	2.9%
250277110001	Block Group 1, Census Tract 7110, Worcester County	Worcester	FITCHBURG	Unitil	2.0%	13.7%	6.8%	3.4%



Census Block ID	Census Block Label	County	Municipality(ies)	Electric Utility	Electric Energy	Electric Energy	Electric Energy	Electric Energy
					Burden based on Statewide Median Income	Burden based on 50% of Poverty	Burden based on 100% of Poverty	Burden based on 200% of Poverty
250277110002	Block Group 2, Census Tract 7110, Worcester County	Worcester	FITCHBURG	Unitil	1.9%	13.0%	6.5%	3.3%
250277110003	Block Group 3, Census Tract 7110, Worcester County	Worcester	FITCHBURG	Unitil	1.7%	11.3%	5.7%	2.8%
250277111001	Block Group 1, Census Tract 7111, Worcester County	Worcester	FITCHBURG	Unitil	2.0%	13.7%	6.8%	3.4%
250277111002	Block Group 2, Census Tract 7111, Worcester County	Worcester	FITCHBURG	Unitil	2.3%	15.7%	7.9%	3.9%
250277121011	Block Group 1, Census Tract 7121.01, Worcester County	Worcester	LUNENBURG	Unitil	2.2%	14.7%	7.4%	3.7%
250277121012	Block Group 2, Census Tract 7121.01, Worcester County	Worcester	LUNENBURG	Unitil	1.8%	11.8%	5.9%	2.9%
250277121013	Block Group 3, Census Tract 7121.01, Worcester County	Worcester	LUNENBURG	Unitil	1.5%	10.3%	5.2%	2.6%
250277121014	Block Group 4, Census Tract 7121.01, Worcester County	Worcester	LUNENBURG	Unitil	2.1%	14.4%	7.2%	3.6%
250277121021	Block Group 1, Census Tract 7121.02, Worcester County	Worcester	LUNENBURG	Unitil	2.2%	14.7%	7.3%	3.7%
250277121022	Block Group 2, Census Tract 7121.02, Worcester County	Worcester	LUNENBURG	Unitil	2.3%	15.7%	7.8%	3.9%

**Fitchburg Gas and Electric Light Company**  
**Electric Energy Burden Analysis - 2022**  
**Field Descriptions**

Field	Description
Census Block ID	The Census defined geographic ID for the block group.
Census Block Label	Text label from Census American Community Survey (ACS) tables describing the block group, linked up with frequently used political type boundaries.
County	Determined based on the Census Block Label.
Municipality(ies)	The towns associated with the block group; as some block groups span multiple towns in rural areas and odd large commercial areas like Logan Airport, included those multiple towns designated with a "," in the string.
Electric Utility	Service in the block group per geolocated account addresses from the 2021 active customer population. Some cases marked as Split where multiple Utilities provide service.
Census Block Group Median Income	The median income for the block group as reported by the 5 year ACS for the 2021 ACS cycle.
Census Block Group Households	The block group estimated households from the ACS data.
Census Tract Median Income	The median income for the census tract ID. This repeats and cannot be summed vertically. Provided as an alternative grain for census block groups where the number of households was too small for ACS to report out median income.
Census Tract Households	The ACS estimated number of households for the census tract ID. This repeats and cannot be summed vertically. Provided as an alternative grain for census block groups where the number of households was too small for ACS to report out median income.
Census Block/Tract Level Median Income	The Census block group median income except in cases where the number of households was too small at the Census block level for ACS to report in which case the tract level income was used as a proxy.
Statewide Median Income	The state's 5 year median income is 89,026 from <a href="https://www.census.gov/quickfacts/fact/table/MA/INC110221">https://www.census.gov/quickfacts/fact/table/MA/INC110221</a> .
50% of Poverty	50% percent of a federal poverty level of \$26,500 for a family of 4: <a href="https://www.mass.gov/doc/cold-relief-brochure/download">https://www.mass.gov/doc/cold-relief-brochure/download</a>
100% of Poverty	100% percent of a federal poverty level of \$26,500 for a family of 4: <a href="https://www.mass.gov/doc/cold-relief-brochure/download">https://www.mass.gov/doc/cold-relief-brochure/download</a>
200% of Poverty	200% percent of a federal poverty level of \$26,500 for a family of 4: <a href="https://www.mass.gov/doc/cold-relief-brochure/download">https://www.mass.gov/doc/cold-relief-brochure/download</a>
Electric Households included in Average Bill Calculation	Number of households included in the average electric bill analysis for the purposes of providing accurate county level data.
Average Annual Electric Bill	Average annual electric bill at the Census block level.
Electric Energy Burden based on Census Median Income	Electric energy burden calculated as the average electric bill compared to the median income at a Census block group or tract level.
Electric Energy Burden based on Statewide Median Income	Electric energy burden calculated as the average electric bill compared to the Statewide median income.
Electric Energy Burden based on 50% of Poverty	Electric energy burden calculated as the average electric bill compared to an income at 50% of the federal poverty level in a 4 person household.
Electric Energy Burden based on 100% of Poverty	Electric energy burden calculated as the average electric bill compared to an income at 100% of the federal poverty level in a 4 person household.
Electric Energy Burden based on 200% of Poverty	Electric energy burden calculated as the average electric bill compared to an income at 200% of the federal poverty level in a 4 person household.