

**VERMONT PUBLIC SERVICE DEPARTMENT**  
**Vermont Electric Utilities**

**2017 kWh SALES**

	Residential		Commercial		Industrial		Public Street & Highway Lighting	Other Sales to Public Authorities & Interdepartmental Sales	Total Sales to Consumers	
	kWh	Customers	kWh	Customers	kWh	Customers	kWh	kWh	kWh	Customers
<b>Vermont Electric Companies</b>										
Barton	10,057,047	1,949	2,619,983	186	0	0	73,195	762,280	13,512,505	2,166
BED	79,412,777	17,004	206,946,391	3,937	43,486,485	2	2,245,071	0	332,090,724	20,943
Enosburg	13,562,208	1,522	1,754,283	145	9,615,156	22	158,053	1,082,702	26,172,402	1,734
GMP	1,466,488,000	221,420	1,502,620,000	42,250	1,173,317,000	66	4,409,000	29,000	4,146,863,000	263,899
Hardwick	23,141,723	4,061	5,006,241	385	5,072,305	30	124,620	59,900	33,404,789	4,496
Hyde Park	7,782,751	1,172	2,942,652	133	0	0	25,647	537,163	11,288,213	1,395
Jacksonville	3,500,313	653	570,901	51	866,081	4	17,094	0	4,954,389	709
Johnson	4,928,055	788	1,013,546	95	5,462,097	13	67,208	777,978	12,248,884	958
Ludlow	15,978,156	3,034	17,738,108	703	13,283,160	4	348,276	72,664	47,420,364	3,745
Lyndonville	30,394,368	4,825	10,883,178	852	13,060,650	42	487,035	6,090,649	60,915,880	5,719
Morrisville	20,767,905	3,463	23,246,887	642	0	0	37,400	0	44,052,192	4,108
Northfield	9,862,631	1,604	2,405,120	180	13,493,589	13	51,467	1,787,181	27,599,988	2,209
Orleans	3,921,505	582	1,585,929	65	6,960,000	1	147,888	380,790	12,996,112	669
Stowe	22,900,914	3,390	43,822,584	780	9,444,800	1	40,633	0	76,208,931	4,175
Swanton	25,023,368	3,263	26,946,217	402	0	0	135,290	895,442	53,000,317	3,679
VEC	215,434,784	34,430	112,366,624	4,017	99,639,048	14	744,927	15,983,688	444,169,071	38,962
WEC	60,036,072	10,418	5,123,367	598	3,626,379	12	35,743	0	68,821,561	11,028
<b>Totals</b>	<b>2,013,192,577</b>	<b>313,578</b>	<b>1,967,592,011</b>	<b>55,421</b>	<b>1,397,326,750</b>	<b>224</b>	<b>9,148,547</b>	<b>28,459,437</b>	<b>5,415,719,322</b>	<b>370,594</b>

Sources: The 2017 Annual Reports uploaded to the PSD from the responding utilities

Prepared by: Sheri Rockcastle, Vermont Public Service Department

July 18, 2018

**VERMONT PUBLIC SERVICE DEPARTMENT**  
**Vermont Electric Utilities**

**2017 RATE REVENUE**

Vermont Electric Companies	Residential	Commercial	Industrial	Public Street & Highway Lighting	Other Sales to Public Authorities & Interdepartmental Sales	Total Rate	Other Operating	Total Utility	Sales for Resale	TOTAL
Barton	\$2,046,048	\$532,791	\$0	\$19,179	\$168,506	\$2,766,524	\$7,963	\$2,774,486	\$0	\$2,774,486
BED	\$12,645,303	\$28,910,512	\$4,893,693	\$567,242	\$0	\$47,016,750	\$12,107,950	\$59,124,700	\$0	\$59,124,700
Enosburg	\$2,178,035	\$286,701	\$1,318,828	\$28,071	\$169,731	\$3,981,366	\$10,885	\$3,992,251	\$0	\$3,992,251
GMP	\$258,341,718	\$222,192,616	\$118,518,838	\$2,560,410	\$432	\$601,614,014	\$39,234,937	\$640,848,951	\$14,751,487	\$655,600,438
Hardwick	\$4,095,915	\$917,782	\$837,296	\$45,052	\$0	\$5,896,045	\$25,348	\$5,921,393	\$0	\$5,921,393
Hyde Park	\$1,384,496	\$564,621	\$0	\$5,383	\$102,857	\$2,057,357	\$50,538	\$2,107,895	\$0	\$2,107,895
Jacksonville	\$571,261	\$99,063	\$149,791	\$3,308	\$0	\$823,423	\$2,156	\$825,580	\$0	\$825,580
Johnson	\$862,193	\$201,093	\$880,529	\$16,016	\$141,302	\$2,101,133	\$4,985	\$2,106,118	\$0	\$2,106,118
Ludlow	\$2,139,342	\$2,898,329	\$2,353,225	\$100,494	\$0	\$7,491,390	\$221,966	\$7,713,356	\$0	\$7,713,356
Lyndonville	\$4,747,332	\$1,707,984	\$1,777,593	\$102,978	\$857,037	\$9,192,924	\$38,468	\$9,231,392	\$0	\$9,231,392
Morrisville	\$3,272,319	\$3,645,010	\$0	\$22,680	\$0	\$6,940,009	\$145,490	\$7,085,499	\$0	\$7,085,499
Northfield	\$1,360,665	\$354,642	\$1,722,029	\$16,157	\$259,655	\$3,713,148	\$12,033	\$3,725,181	\$0	\$3,725,181
Orleans	\$508,645	\$224,096	\$1,047,886	\$15,968	\$61,363	\$1,857,958	\$15,551	\$1,873,509	\$0	\$1,873,509
Stowe	\$3,987,525	\$6,165,264	\$1,386,879	\$9,927	\$0	\$11,549,595	\$37,781	\$11,587,376	\$0	\$11,587,376
Swanton	\$3,300,678	\$3,640,192	\$0	\$26,766	\$107,812	\$7,075,448	\$31,699	\$7,107,147	\$39,622	\$7,146,770
VEC	\$41,467,122	\$17,747,928	\$10,837,785	\$310,340	\$2,258,152	\$72,621,328	\$2,323,618	\$74,944,946	\$1,741,956	\$76,686,902
WEC	\$12,778,327	\$1,052,994	\$527,654	\$13,717	\$0	\$14,372,692	\$2,558,509	\$16,931,201	\$0	\$16,931,201
<b>Totals</b>	<b>\$355,686,925</b>	<b>\$291,141,619</b>	<b>\$146,252,026</b>	<b>\$3,863,688</b>	<b>\$4,126,847</b>	<b>\$801,071,104</b>	<b>\$56,829,877</b>	<b>\$857,900,981</b>	<b>\$16,533,065</b>	<b>\$874,434,047</b>

Sources: The 2017 Annual Reports uploaded to the PSD from the responding utilities

Prepared by: Sheri Rockcastle, Vermont Public Service Department

**VERMONT PUBLIC SERVICE DEPARTMENT****Vermont Electric Utilities****2017 Revenue and Usage - Residential & Commercial**

Residential						
Company	Revenue	kWh	Customers	avg kWh use/ Customer	Rev/kWh (cents)	Rev/kWh Ranking Low to High
Barton	\$2,046,048	10,057,047	1,949	5,160	20.34	16
BED	\$12,645,303	79,412,777	17,004	4,670	15.92	7
Enosburg	\$2,178,035	13,562,208	1,522	8,911	16.06	8
GMP	\$258,341,718	1,466,488,000	221,420	6,623	17.62	12
Hardwick	\$4,095,915	23,141,723	4,061	5,699	17.70	13
Hyde Park	\$1,384,496	7,782,751	1,172	6,641	17.79	14
Jacksonville	\$571,261	3,500,313	653	5,360	16.32	9
Johnson	\$862,193	4,928,055	788	6,254	17.50	11
Ludlow	\$2,139,342	15,978,156	3,034	5,266	13.39	3
Lyndonville	\$4,747,332	30,394,368	4,825	6,299	15.62	5
Morrisville	\$3,272,319	20,767,905	3,463	5,997	15.76	6
Northfield	\$1,360,665	9,862,631	1,604	6,149	13.80	4
Orleans	\$508,645	3,921,505	582	6,738	12.97	1
Stowe	\$3,987,525	22,900,914	3,390	6,755	17.41	10
Swanton	\$3,300,678	25,023,368	3,263	7,669	13.19	2
VEC	\$41,467,122	215,434,784	34,430	6,257	19.25	15
WEC	\$12,778,327	60,036,072	10,418	5,763	21.28	17
<b>Total</b>	<b>\$355,686,925</b>	<b>2,013,192,577</b>	<b>313,578</b>	<b>6,420</b>	<b>17.67</b>	

Commercial						
Company	Revenue	kWh	Customers	avg kWh use/ Customer	Rev/kWh (cents)	Rev/kWh Ranking Low to High
Barton	\$532,791	2,619,983	186	14,086	20.34	16
BED	\$28,910,512	206,946,391	3,937	52,564	13.97	2
Enosburg	\$286,701	1,754,283	145	12,099	16.34	11
GMP	\$222,192,616	1,502,620,000	42,250	35,565	14.79	6
Hardwick	\$917,782	5,006,241	385	13,003	18.33	13
Hyde Park	\$564,621	2,942,652	133	22,125	19.19	14
Jacksonville	\$99,063	570,901	51	11,194	17.35	12
Johnson	\$201,093	1,013,546	95	10,669	19.84	15
Ludlow	\$2,898,329	17,738,108	703	25,232	16.34	10
Lyndonville	\$1,707,984	10,883,178	852	12,774	15.69	8
Morrisville	\$3,645,010	23,246,887	642	36,210	15.68	7
Northfield	\$354,642	2,405,120	180	13,362	14.75	5
Orleans	\$224,096	1,585,929	65	24,399	14.13	4
Stowe	\$6,165,264	43,822,584	780	56,183	14.07	3
Swanton	\$3,640,192	26,946,217	402	67,030	13.51	1
VEC	\$17,747,928	112,366,624	4,017	27,973	15.79	9
WEC	\$1,052,994	5,123,367	598	8,568	20.55	17
<b>Total</b>	<b>\$291,141,619</b>	<b>1,967,592,011</b>	<b>55,421</b>	<b>35,503</b>	<b>14.80</b>	

Sources: The 2017 Annual Reports uploaded to the PSD from the responding utilities

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**VERMONT PUBLIC SERVICE DEPARTMENT****Vermont Electric Utilities****2017 Revenue and Usage - Industrial & Total**

<b>Industrial</b>						
<b>Company</b>	<b>Revenue</b>	<b>kWh</b>	<b>Customers</b>	<b>avg kWh use/ Customer</b>	<b>Rev/kWh (cents)</b>	<b>Rev/kWh Ranking Low to High</b>
Barton	\$0	0	0	-		n.a.
BED	\$4,893,693	43,486,485	2	21,743,243	11.25	3
Enosburg	\$1,318,828	9,615,156	22	437,053	13.72	6
GMP	\$118,518,838	1,173,317,000	66	17,777,530	10.10	1
Hardwick	\$837,296	5,072,305	30	169,077	16.51	11
Hyde Park	\$0	0	0	-		n.a.
Jacksonville	\$149,791	866,081	4	216,520	17.30	12
Johnson	\$880,529	5,462,097	13	420,161	16.12	10
Ludlow	\$2,353,225	13,283,160	4	3,320,790	17.72	13
Lyndonville	\$1,777,593	13,060,650	42	310,968	13.61	5
Morrisville	\$0	0	0	-		n.a.
Northfield	\$1,722,029	13,493,589	13	1,037,968	12.76	4
Orleans	\$1,047,886	6,960,000	1	6,960,000	15.06	9
Stowe	\$1,386,879	9,444,800	1	9,444,800	14.68	8
Swanton	\$0	0	0	-		n.a.
VEC	\$10,837,785	99,639,048	14	7,117,075	10.88	2
WEC	\$527,654	3,626,379	12	302,198	14.55	7
<b>Total</b>	<b>\$146,252,026</b>	<b>1,397,326,750</b>	<b>224</b>	<b>6,238,066</b>	<b>10.47</b>	

<b>Total Rate</b>					
<b>Company</b>	<b>Revenue</b>	<b>kWh</b>	<b>Customers</b>	<b>Rev/kWh (cents)</b>	<b>Rev/kWh Ranking Low to High</b>
Barton	\$2,766,524	13,512,505	2,166	20.47	16
BED	\$47,016,750	332,090,724	20,943	14.16	3
Enosburg	\$3,981,366	26,172,402	1,734	15.21	8
GMP	\$601,614,014	4,146,863,000	263,899	14.51	5
Hardwick	\$5,896,045	33,404,789	4,496	17.65	14
Hyde Park	\$2,057,357	11,288,213	1,395	18.23	15
Jacksonville	\$823,423	4,954,389	709	16.62	12
Johnson	\$2,101,133	12,248,884	958	17.15	13
Ludlow	\$7,491,390	47,420,364	3,745	15.80	10
Lyndonville	\$9,192,924	60,915,880	5,719	15.09	6
Morrisville	\$6,940,009	44,052,192	4,108	15.75	9
Northfield	\$3,713,148	27,599,988	2,209	13.45	2
Orleans	\$1,857,958	12,996,112	669	14.30	4
Stowe	\$11,549,595	76,208,931	4,175	15.16	7
Swanton	\$7,075,448	53,000,317	3,679	13.35	1
VEC	\$72,621,328	444,169,071	38,962	16.35	11
WEC	\$14,372,692	68,821,561	11,028	20.88	17
<b>Total</b>	<b>\$801,071,104</b>	<b>5,415,719,322</b>	<b>370,594</b>	<b>14.79</b>	

Sources: The 2017 Annual Reports uploaded to the PSD from the responding utilities

Prepared by: Sheri Rockcastle, Vermont Public Service Department

July 18, 2018

# Vermont Public Service Department

## Vermont Electric Utilities

### 2017 Customer Density Report

#### PER MILE OF DISTRIBUTION PLANT

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
COMPANIES		CUSTOMERS				MILES OF DISTRIBUTION PLANT			CUSTOMERS PER MILE OF DISTRIBUTION PLANT				Company Ranking
		Residential	Commercial	Industrial	Total	Aerial	Buried/UG	Total	Residential <small>(Col. C/Col. I)</small>	Commercial <small>(Col. D/Col. I)</small>	Industrial <small>(Col. E/Col. I)</small>	Total <small>(Col. F/Col. I)</small>	Company Ranking
													least dense Low to High
1	Barton	1,949	186	0	2,135	176	0	176	11	1	0.0	12	<b>2</b>
2	Burlington Electric Dept (BED)	17,004	3,937	2	20,943	70	61	131	130	30	0.0	160	<b>17</b>
3	Enosburg Falls	1,522	145	22	1,689	106	-	106	14	1	0.2	16	<b>7</b>
4	Green Mountain Power (GMP)	221,420	42,250	66	263,736	10,029	1,254	11,283	20	4	0.0	23	<b>10</b>
5	Hardwick	4,061	385	30	4,476	303	33	336	12	1	0.1	13	<b>3</b>
6	Hyde Park	1,172	133	0	1,305	66	9	75	16	2	0.0	17	<b>9</b>
7	Jacksonville	653	51	4	708	50	-	50	13	1	0.1	14	<b>5</b>
8	Johnson	788	95	13	896	26	2	28	28	3	0.5	32	<b>13</b>
9	Ludlow	3,034	703	4	3,741	53	14	67	45	10	0.1	56	<b>16</b>
10	Lyndonville	4,825	852	42	5,719	401	-	401	12	2	0.1	14	<b>6</b>
11	Morrisville	3,463	642	0	4,105	156	19	175	20	4	0.0	23	<b>11</b>
12	Northfield	1,604	180	13	1,797	40	1	41	39	4	0.3	44	<b>15</b>
13	Orleans	582	65	1	648	37	2	39	15	2	0.0	17	<b>8</b>
14	Stowe	3,390	780	1	4,171	120	25	145	23	5	0.0	29	<b>12</b>
15	Swanton	3,263	402	0	3,665	104	7	111	29	4	0.0	33	<b>14</b>
16	Vermont Electric Coop (VEC)	34,430	4,017	14	38,461	2,449	302	2,751	13	1	0.0	14	<b>4</b>
17	Washington Electric Coop (WEC)	10,418	598	12	11,028	1,272	25	1,297	8	0	0.0	9	<b>1</b>
<b>Total</b>		<b>313,578</b>	<b>55,421</b>	<b>224</b>	<b>369,223</b>	<b>15,458</b>	<b>1,754</b>	<b>17,212</b>					
<b>Statewide Average (Mean)</b>									<b>18</b>	<b>3</b>	<b>0</b>	<b>21</b>	
<b>Range</b>									<b>8 to 130</b>	<b>0 to 30</b>	<b>0 to 0.5</b>	<b>9 to 160</b>	
Sources: The 2017 Annual Reports uploaded to the PSD from the responding utilities													
Prepared by: Sheri Rockcastle, Vermont Public Service Department													

July 18, 2018

**Vermont Public Service Department**  
**Vermont Electric Utilities**  
**2017 CUSTOMER DENSITY PER MILE OF DISTRIBUTION PLANT**  
**Compared With Revenue**

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
		Residential				Commercial				Industrial				Total			
		Customer Density		Revenue		Customer Density		Revenue		Customer Density		Revenue		Customer Density		Revenue	
	<u>COMPANIES</u>	Per Mile	Ranking	Per kWh	Ranking	Per Mile	Ranking	Per kWh	Ranking	Per Mile	Ranking	Per kWh	Ranking	Per Mile	Ranking	Per kWh	Ranking
			most dense		least kWh		most dense		least kWh		most dense		least kWh		most dense		least kWh
			High to Low	¢	Low to High		High to Low	¢	Low to High		High to Low	¢	Low to High		High to Low	¢	Low to High
		Top Five				Top Five				Top Five				Top Five			
1	Barton	11	16	20.34	16	1	15	20.34	16	0.0		none		12	16	20.47	16
2	Burlington Electric Dept (BED)	130	1	15.92	7	30	1	13.97	2	0.0		11.25	3	160	1	14.16	3
3	Enosburg Falls	14	11	16.06	8	1	13	16.34	11	0.2		13.72	6	16	11	15.21	8
4	Green Mountain Power (GMP)	20	8	17.62	12	4	5	14.79	6	0.0		10.10	1	23	8	14.51	5
5	Hardwick	12	14	17.70	13	1	14	18.33	13	0.1		16.51	11	13	15	17.65	14
6	Hyde Park	16	9	17.79	14	2	10	19.19	14	0.0		none		17	9	18.23	15
7	Jacksonville	13	12	16.32	9	1	16	17.35	12	0.1		17.30	12	14	13	16.62	12
8	Johnson	28	5	17.50	11	3	8	19.84	15	0.5	1	16.12	10	32	5	17.15	13
9	Ludlow	45	2	13.39	3	10	2	16.34	10	0.1		17.72	13	56	2	15.80	10
10	Lyndonville	12	15	15.62	5	2	9	15.69	8	0.1		13.61	5	14	12	15.09	6
11	Morrisville	20	7	15.76	6	4	6	15.68	7	0.0		none		23	7	15.75	9
12	Northfield	39	3	13.80	4	4	4	14.75	5	0.3		12.76	4	44	3	13.45	2
13	Orleans	15	10	12.97	1	2	11	14.13	4	0.0		15.06	9	17	10	14.30	4
14	Stowe	23	6	17.41	10	5	3	14.07	3	0.0		14.68	8	29	6	15.16	7
15	Swanton	29	4	13.19	2	4	7	13.51	1	0.0		none		33	4	13.35	1
16	Vermont Electric Coop (VEC)	13	13	19.25	15	1	12	15.79	9	0.0		10.88	2	14	14	16.35	11
17	Washington Electric Coop (WEC)	8	17	21.28	17	0	17	20.55	17	0.0		14.55	7	9	17	20.88	17
	Statewide Average (Mean)	18				3				0				21			
	Range	8 to 130	1 to 17		1 to 17	0 to 30	1 to 17		1 to 17	0 to 0.5	0 to 1		1 to 13	9 to 160	1 to 17		1 to 17
	Sources:	The 2017 Annual Reports uploaded to the PSD from the responding utilities															
	Prepared by:	Sheri Rockcastle, Vermont Public Service Department															