

Massachusetts Division of Energy Resources (DOER)

2002 Electric Power Customer Migration Data

The data tables below illustrate the migration of electric power customers in Massachusetts from incumbent generation sources to competitive generation sources for 2002, by month.

Notes and other information about these tables can be found at the bottom of this page.

December 2002	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non Low Income	1,380,151	1,011,667,118	632,059	358,996,438	55,994	34,881,941
Residential - Low Income	153,291	88,771,659	1,791	880,038	893	636,090
Residential - Time-Of-Use	374	2,258,678	67	157,681	7	35,340
Small Commercial & Industrial	149,544	227,352,821	79,628	91,132,995	22,119	41,575,707
Medium Commercial & Industrial	29,856	366,747,900	13,072	123,073,070	5,356	102,813,728
Large Commercial & Industrial	3,337	652,622,091	1,337	158,941,839	1,926	695,662,004
Farms	576	1,543,056	53	79,476	2	11,562
Street Lights	12,426	22,724,973	1,844	2,154,474	1,466	10,291,950
Total Sales to Ultimate Consumers	1,729,555	2,373,688,296	729,851	735,416,011	87,763	885,908,322

November 2002	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non Low Income	1,388,185	842,584,547	629,713	290,392,534	52,779	28,681,851
Residential - Low Income	150,485	72,756,834	1,754	884,037	814	487,819
Residential - Time-Of-Use	381	1,497,960	67	108,884	7	27,309
Small Commercial & Industrial	149,610	197,683,455	78,086	86,257,516	22,105	36,964,738
Medium Commercial & Industrial	29,515	338,236,110	12,420	117,540,034	5,359	104,668,916
Large Commercial & Industrial	3,353	655,630,943	1,281	167,415,349	1,973	710,473,975
Farms	580	950,209	50	48,562	2	3,337
Street Lights	12,638	22,426,133	1,845	1,966,471	1,493	10,243,339
Total Sales to Ultimate Consumers	1,734,747	2,131,766,191	725,216	664,613,387	84,532	891,551,284

October 2002	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non Low Income	1,402,315	807,502,475	628,570	268,994,374	49,967	25,411,286

Residential - Low Income	153,162	68,101,035	2,011	827,217	811	419,979
Residential - Time-Of-Use	380	975,951	69	76,668	7	21,376
Small Commercial & Industrial	152,052	210,198,970	78,223	89,331,981	21,891	39,120,951
Medium Commercial & Industrial	31,042	368,193,640	12,885	121,050,532	5,512	108,956,595
Large Commercial & Industrial	3,365	667,267,112	1,273	177,331,860	1,949	722,535,633
Farms	581	1,522,006	44	59,621	2	16,139
Street Lights	12,522	18,665,345	1,866	1,694,557	1,434	8,034,119
Total Sales to Ultimate Consumers	1,755,419	2,142,426,534	724,941	659,366,810	81,573	904,516,079

September 2002	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non Low Income	1,388,490	972,830,290	606,344	313,684,802	48,927	31,039,183
Residential - Low Income	151,515	79,586,358	2,008	1,038,010	792	454,540
Residential - Time-Of-Use	385	958,272	67	105,161	7	23,556
Small Commercial & Industrial	150,683	239,962,234	75,779	99,025,276	21,522	43,042,455
Medium Commercial & Industrial	30,724	395,297,801	12,614	136,416,127	5,254	111,152,487
Large Commercial & Industrial	3,424	712,157,401	1,261	189,695,446	1,900	744,959,803
Farms	581	1,462,102	44	62,098	2	13,385
Street Lights	12,637	18,602,561	1,852	1,470,912	1,371	7,242,385
Total Sales to Ultimate Consumers	1,738,439	2,420,857,029	699,969	741,497,833	79,775	937,928,226

August 2002	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non Low Income	1,396,060	1,083,044,561	597,224	335,833,668	48,218	33,496,809
Residential - Low Income	150,540	87,260,496	2,146	1,155,967	788	474,051
Residential - Time-Of-Use	383	939,726	67	107,101	7	25,926
Small Commercial & Industrial	151,356	253,836,760	74,473	102,467,054	21,434	45,928,885
Medium Commercial & Industrial	30,832	417,719,086	12,070	130,500,673	5,357	115,724,134
Large Commercial & Industrial	3,486	735,837,917	1,296	207,127,706	1,879	725,356,578
Farms	582	1,505,430	44	62,172	1	12,578
Street Lights	12,567	17,643,516	1,823	1,383,823	1,364	6,566,859
Total Sales to Ultimate Consumers	1,745,806	2,597,787,492	689,143	778,638,164	79,038	927,585,820

July 2002	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non Low Income	1,408,545	1,016,878,611	593,748	302,408,269	48,366	30,972,032
Residential - Low Income	151,496	80,734,336	2,171	1,039,114	735	422,612

Residential - Time-Of-Use	387	965,741	68	97,800	7	24,680
Small Commercial & Industrial	152,375	243,536,827	73,449	99,320,437	21,643	45,428,413
Medium Commercial & Industrial	30,668	392,708,981	11,699	116,684,416	5,423	112,686,961
Large Commercial & Industrial	3,415	827,608,874	22,263	219,209,978	2,238	729,576,640
Farms	582	1,480,027	46	81,548	2	134,958
Street Lights	12,691	15,595,023	1,804	1,302,478	1,355	5,968,205
Total Sales to Ultimate Consumers	1,760,159	2,579,508,420	705,348	740,144,041	79,859	925,214,501

June 2002	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non Low Income	1,474,758	779,340,932	589,438	232,968,866	49,021	23,405,615
Residential - Low Income	100,162	64,531,690	2,204	856,435	693	343,235
Residential - Time-Of-Use	380	1,142,069	65	82,586	7	25,224
Small Commercial & Industrial	153,940	205,791,241	73,052	79,269,061	21,331	36,394,581
Medium Commercial & Industrial	31,069	353,560,843	11,549	104,614,674	5,537	100,804,182
Large Commercial & Industrial	3,452	684,266,384	1,248	164,067,426	1,790	672,695,755
Farms	583	1,217,220	46	69,838	2	193,563
Street Lights	12,687	18,535,216	1,802	1,306,784	1,342	8,149,379
Total Sales to Ultimate Consumers	1,777,031	2,108,385,595	679,404	583,235,670	79,723	842,011,534

May 2002	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non Low Income	1,425,205	757,296,948	610,696	244,545,199	15,079	9,524,214
Residential - Low Income	150,919	66,125,566	2,220	904,402	379	192,269
Residential - Time-Of-Use	389	1,286,059	69	114,582	7	18,856
Small Commercial & Industrial	156,057	198,961,981	79,385	85,068,068	11,811	23,397,241
Medium Commercial & Industrial	31,300	343,569,564	11,433	103,445,985	5,264	90,884,989
Large Commercial & Industrial	3,538	669,987,384	1,274	177,993,927	1,820	628,524,861
Farms	582	1,387,049	46	67,181	1	133,440
Street Lights	12,495	12,634,788	1,798	1,298,036	1,262	4,041,363
Total Sales to Ultimate Consumers	1,780,485	2,051,259,339	706,921	613,437,379	35,623	756,717,233

April 2002	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non Low Income	1,425,103	808,088,178	602,526	258,925,368	13,111	8,917,595
Residential - Low Income	149,569	69,251,946	2,226	920,642	334	166,289
Residential - Time-Of-Use	387	2,078,677	70	132,776	7	23,194

Small Commercial & Industrial	157,166	175,069,323	80,085	86,615,819	8,773	20,376,865
Medium Commercial & Industrial	31,785	362,373,327	11,571	111,940,140	4,717	88,662,448
Large Commercial & Industrial	3,476	655,846,333	1,217	168,150,984	1,753	602,604,198
Farms	582	1,286,282	45	68,143	1	238,848
Street Lights	12,740	19,293,339	1,819	1,540,497	1,254	6,985,550
Total Sales to Ultimate Consumers	1,780,808	2,093,287,405	699,559	628,294,369	29,950	727,974,987

March 2002	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non Low Income	1,440,638	886,991,935	601,282	293,004,093	9,624	7,744,121
Residential - Low Income	149,113	78,101,292	2,187	845,265	223	146,485
Residential - Time-Of-Use	395	1,830,591	69	172,722	7	28,941
Small Commercial & Industrial	158,865	217,670,469	79,424	89,166,686	7,967	19,326,113
Medium Commercial & Industrial	32,357	374,742,339	11,629	102,515,335	4,427	88,330,661
Large Commercial & Industrial	3,587	708,657,025	1,282	196,180,047	1,605	565,027,048
Farms	586	1,444,715	45	78,799	0	0
Street Lights	12,600	24,585,910	1,808	1,774,097	1,200	9,656,573
Total Sales to Ultimate Consumers	1,798,141	2,294,024,276	697,726	683,737,044	25,053	690,259,942

February 2002	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non Low Income	1,444,015	933,046,601	607,159	303,237,243	9,380	7,876,829
Residential - Low Income	146,355	77,251,419	2,063	944,922	192	101,820
Residential - Time-Of-Use	395	2,164,565	70	181,276	7	26,654
Small Commercial & Industrial	160,342	221,028,650	78,664	89,266,077	7,504	17,085,031
Medium Commercial & Industrial	32,891	385,860,371	11,638	102,972,443	4,088	76,620,360
Large Commercial & Industrial	3,709	761,330,668	1,347	191,785,944	1,491	533,252,191
Farms	574	1,181,277	45	94,925	1	272,448
Street Lights	12,860	23,925,985	1,856	1,948,313	1,146	8,205,391
Total Sales to Ultimate Consumers	1,801,141	2,405,789,536	702,842	690,431,144	23,809	643,440,724

January 2002	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non Low Income	1,444,637	1,113,107,102	602,564	343,887,985	8,065	5,663,424
Residential - Low Income	143,714	90,453,881	1,920	970,383	116	55,953
Residential - Time-Of-Use	398	2,343,464	75	231,147	7	27,145
Small Commercial & Industrial	161,781	249,160,809	77,740	98,408,083	6,322	16,070,714

Medium Commercial & Industrial	33,697	447,701,178	11,655	125,679,723	3,652	71,040,875
Large Commercial & Industrial	3,783	831,061,267	1,354	242,153,526	1,296	502,380,643
Farms	576	1,609,807	42	56,025	1	276,288
Street Lights	12,948	39,078,945	1,848	2,741,136	824	10,123,310
Total Sales to Ultimate Consumers	1,801,534	2,774,516,452	697,198	814,128,008	20,283	605,638,353

Notes and definitions:

All data were collected from investor-owned distribution companies, who reported data by their respective rate classes. Each company reported two data elements each for standard offer, default, and competitive generation service: (1) the number of customers on the last day of the month, and (2) the kilowatthours (kWh) used during the entire month.

Data for residential, farm, and street-lights rate classes are shown as reported by the distribution companies. The remaining rate-class data were aggregated by DOER as follows: small commercial and industrial (C&I) includes rate classes with average monthly usage levels below or equal to 3,000 kWh/month; medium C&I includes rate classes with average monthly usage levels greater than 3,000 kWh/month but less than or equal to 120,000 kWh/month; large C&I includes rate classes with average monthly usage levels greater than 120,000 kWh/month. DOER chose this particular aggregation scheme to simplify the reported data. DOER does not endorse any particular conclusions or findings that may result from the data.

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