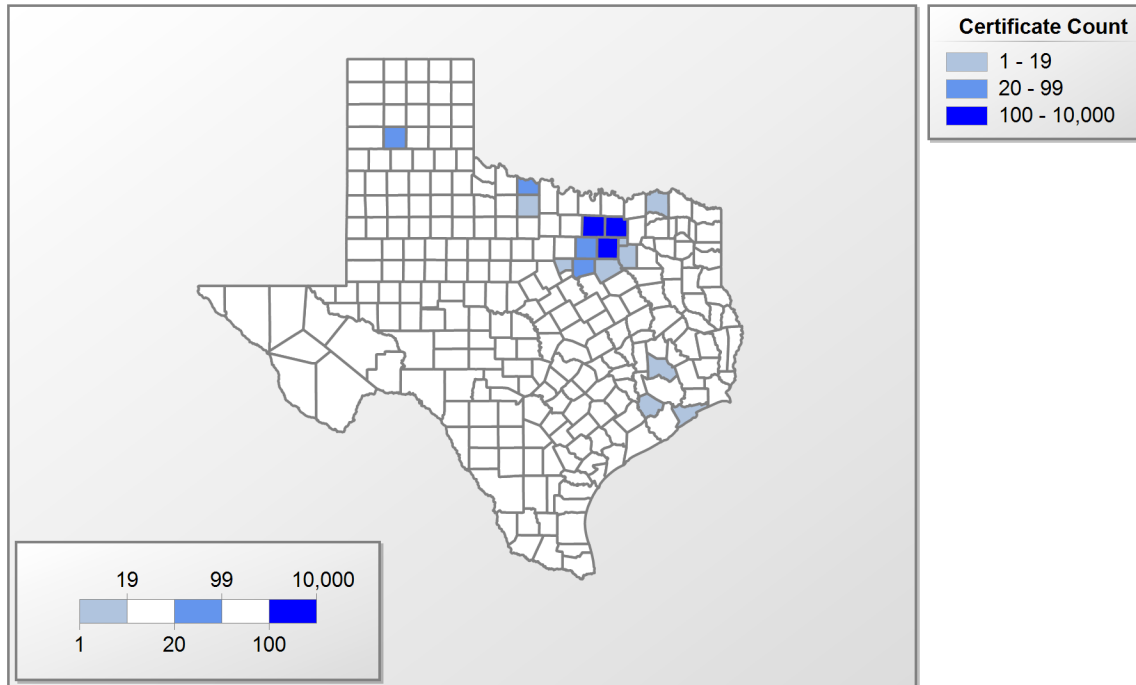
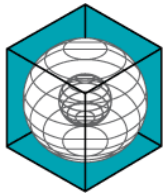


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Counties using Houston IECC 2006



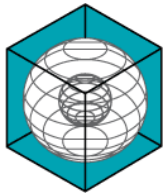


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Counties using Houston IECC 2006

County	Certificate Count
Dallas	203
Collin	153
Denton	151
Tarrant	79
Johnson	31
Randall	27
Wichita	20
Hood	15
Montgomery	9
Rockwall	2
Ellis	2
Galveston	2
Lamar	1
Fort Bend	1
Archer	1



Energy Systems Laboratory



County	Certificate Count
Kaufman	1
Total	698

Potential Electric Energy savings by County for Single Family IC3 Certificates

2009

County	Total User Electricity Consumption/County (in kWh)	Total Code Electricity Consumption/County (in kWh)	Net Electric Savings/County (in kWh)	Average Electric Savings per house/County (in kWh)	Monetized Average Electric Savings per house/County	Total Houses /County
COLLIN	5,469,305	5,929,384	460,079	2,222.60	\$222.26	207
DENTON	2,281,021	2,512,512	231,490	2,204.67	\$220.47	105
DALLAS	2,089,598	2,348,493	258,895	2,941.99	\$294.20	88
ROCKWALL	1,375,577	1,484,317	108,740	2,013.71	\$201.37	54
TARRANT	995,485	1,101,528	106,044	2,866.04	\$286.60	37
HARRIS	710,738	836,713	125,974	3,936.70	\$393.67	32
HUNT	561,345	604,753	43,408	1,400.26	\$140.03	31
WICHITA	246,907	302,098	55,191	4,599.23	\$459.92	12
HOOD	151,855	175,684	23,829	3,404.15	\$340.41	7
KAUFMAN	149,950	164,370	14,421	2,060.07	\$206.01	7
ANGELINA	14,039	15,769	1,729	1,729.29	\$172.93	1
HENDERSON	15,300	16,677	1,378	1,377.57	\$137.76	1

County	Total User Electricity Consumption/County (in kWh)	Total Code Electricity Consumption/County (in kWh)	Net Electric Savings/County (in kWh)	Average Electric Savings per house/County (in kWh)	Monetized Average Electric Savings per house/County	Total Houses /County
CLAY	19,433	22,891	3,459	3,458.58	\$345.86	1
ELLIS	19,989	22,422	2,433	2,432.73	\$243.27	1
Grand Totals and Averages	14,100,543	15,537,612	1,437,069	2,617.69	\$261.77	584

Sorted by House Count descending

Note: 2009 data is from October to December

Potential Electric Energy savings by County for Single Family IC3 Certificates

2010

County	Total User Electricity Consumption/County (in kWh)	Total Code Electricity Consumption/County (in kWh)	Net Electric Savings/County (in kWh)	Average Electric Savings per house/County (in kWh)	Monetized Average Electric Savings per house/County	Total Houses /County
COLLIN	4,760,325	5,725,357	965,032	2,580.30	\$258.03	374
DALLAS	3,740,630	4,402,919	662,289	2,373.79	\$237.38	279
DENTON	2,882,345	3,264,518	382,173	1,837.37	\$183.74	208
TARRANT	1,466,731	1,714,869	248,138	2,697.16	\$269.72	92
ROCKWALL	893,896	1,040,945	147,048	2,162.47	\$216.25	68
HARRIS	1,046,074	1,259,158	213,084	3,180.35	\$318.04	67
JOHNSON	514,947	569,024	54,077	1,638.70	\$163.87	33
WICHITA	189,489	219,034	29,544	1,969.63	\$196.96	15
HENDERSON	189,841	202,034	12,193	870.93	\$87.09	14
HOOD	209,830	242,452	32,622	2,330.15	\$233.01	14
MONTGOMERY	140,454	158,098	17,645	1,764.46	\$176.45	10
KAUFMAN	106,776	114,221	7,445	827.19	\$82.72	9
ELLIS	68,380	75,209	6,829	1,138.21	\$113.82	6
HUNT	30,013	32,769	2,755	1,377.57	\$137.76	2

County	Total User Electricity Consumption/County (in kWh)	Total Code Electricity Consumption/County (in kWh)	Net Electric Savings/County (in kWh)	Average Electric Savings per house/County (in kWh)	Monetized Average Electric Savings per house/County	Total Houses /County
GALVESTON	26,848	29,457	2,609	1,304.30	\$130.43	2
VAL VERDE	38,191	46,427	8,236	4,118.06	\$411.81	2
FORT BEND	55,484	61,287	5,803	2,901.69	\$290.17	2
YOUNG	9,614	11,490	1,876	1,875.84	\$187.58	1
BRAZORIA	27,522	28,284	762	762.06	\$76.21	1
COLEMAN	10,171	12,369	2,198	2,198.25	\$219.83	1
BELL	18,817	21,338	2,521	2,520.66	\$252.07	1
MCLENNAN	18,465	23,126	4,660	4,660.29	\$466.03	1
WILLIAMSON	12,603	16,121	3,517	3,517.20	\$351.72	1
Grand Totals and Averages	16,457,448	19,270,504	2,813,057	2,200.29	\$220.03	1203

Sorted by House Count descending

Note: 2009 data is from October to December

Potential Electric Energy savings by County for Single Family IC3 Certificates

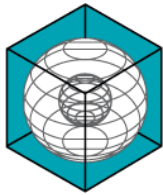
2011

County	Total User Electricity Consumption/County (in kWh)	Total Code Electricity Consumption/County (in kWh)	Net Electric Savings/County (in kWh)	Average Electric Savings per house/County (in kWh)	Monetized Average Electric Savings per house/County	Total Houses /County
COLLIN	11,705,886	13,767,376	2,061,490	2,339.94	\$233.99	881
DALLAS	13,389,277	15,427,905	2,038,628	2,327.20	\$232.72	876
DENTON	8,768,087	9,777,552	1,009,466	1,663.04	\$166.30	607
TARRANT	6,544,542	7,611,455	1,066,913	2,504.49	\$250.45	426
ROCKWALL	2,223,369	2,520,601	297,233	1,812.39	\$181.24	164
HARRIS	2,164,133	2,526,082	361,949	2,661.39	\$266.14	136
JOHNSON	757,458	872,178	114,719	2,124.43	\$212.44	54
HOOD	752,681	883,784	131,104	2,521.22	\$252.12	52
HUNT	465,501	517,527	52,025	1,445.15	\$144.51	36
WICHITA	436,807	500,937	64,130	2,068.72	\$206.87	31
HENDERSON	237,880	266,692	28,812	1,800.73	\$180.07	16
ELLIS	165,543	193,944	28,401	2,184.72	\$218.47	13
KAUFMAN	78,903	83,797	4,895	699.25	\$69.93	7
PARKER	113,283	122,311	9,027	1,504.58	\$150.46	6

County	Total User Electricity Consumption/County (in kWh)	Total Code Electricity Consumption/County (in kWh)	Net Electric Savings/County (in kWh)	Average Electric Savings per house/County (in kWh)	Monetized Average Electric Savings per house/County	Total Houses /County
MONTGOMERY	70,403	73,891	3,488	871.97	\$87.20	4
ERATH	55,777	58,591	2,814	703.44	\$70.34	4
BRAZOS	9,936	10,962	1,026	1,025.85	\$102.59	1
MATAGORDA	10,376	10,405	29	29.31	\$2.93	1
BEXAR	15,065	17,967	2,902	2,901.69	\$290.17	1
TAYLOR	14,215	16,707	2,491	2,491.35	\$249.14	1
COOKE	10,493	12,369	1,876	1,875.84	\$187.58	1
LAMAR	18,084	19,227	1,143	1,143.09	\$114.31	1
MCLENNAN	17,088	21,279	4,191	4,191.33	\$419.13	1
VICTORIA	10,640	10,786	147	146.55	\$14.65	1
ARCHER	10,669	12,926	2,257	2,256.87	\$225.69	1
GALVESTON	13,541	16,560	3,019	3,018.93	\$301.89	1
BRISCOE	3,517	3,576	59	58.62	\$5.86	1
WISE	16,238	20,429	4,191	4,191.33	\$419.13	1
KIMBLE	13,746	14,098	352	351.72	\$35.17	1
Grand Totals and Averages	48,093,138	55,391,914	7,298,776	1,824.66	\$182.47	3326

Sorted by House Count descending

Note: 2009 data is from October to December



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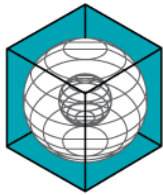


Emissions saving by County for Single Family Houses

For the period October 2009 till date

2009

County	Avg CO2 Savings	Avg SOx Savings	Avg NOx Savings	Total CO2 Savings	Total SOx Savings	Total NOx Savings	House Count
COLLIN	2835.20	1.97	3.56	640754.15	446.21	805.25	226
DENTON	2023.42	1.16	2.37	230670.36	132.39	270.49	114
DALLAS	2878.55	1.75	3.45	290733.88	177.05	348.67	101
ROCKWALL	2786.38	1.98	3.54	183901.37	130.53	233.36	66
TARRANT	3094.42	1.95	3.76	136154.58	85.99	165.41	44
HUNT	1715.32	1.19	2.15	66897.35	46.22	83.82	39
HARRIS	3426.18	2.43	3.81	126768.83	89.77	140.98	37
WICHITA	3481.17	1.69	3.88	41774.08	20.32	46.56	12

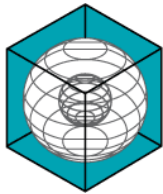


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County	Avg CO2 Savings	Avg SOx Savings	Avg NOx Savings	Total CO2 Savings	Total SOx Savings	Total NOx Savings	House Count
HOOD	3502.54	2.19	4.23	24517.75	15.36	29.64	7
KAUFMAN	1881.26	1.09	2.22	13168.84	7.63	15.53	7
ELLIS	1799.05	0.95	2.06	3598.10	1.91	4.12	2
HENDERSON	1774.37	1.26	2.25	1774.37	1.26	2.25	1
CLAY	2246.43	0.89	2.36	2246.43	0.89	2.36	1
ANGELINA	2227.40	1.58	2.83	2227.40	1.58	2.83	1
Annual Total				1765187.51	1157.12	2151.25	658

Sorted by House Count descending



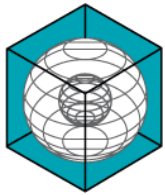
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For the period October 2009 till date

2010

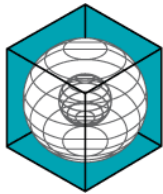
County	Avg CO2 Savings	Avg SOx Savings	Avg NOx Savings	Total CO2 Savings	Total SOx Savings	Total NOx Savings	House Count
COLLIN	3089.33	2.18	3.90	2947216.37	2078.88	3722.00	954
DENTON	2577.95	1.56	3.08	1704025.05	1032.77	2035.81	661
DALLAS	3404.73	2.12	4.12	1927079.91	1202.12	2330.83	566
TARRANT	3324.70	2.22	4.12	867747.84	580.41	1076.57	261
HARRIS	3504.33	2.52	3.91	781466.59	561.14	872.68	223
ROCKWALL	2754.28	1.96	3.50	473736.88	336.48	601.29	172
JOHNSON	1944.95	1.35	2.44	140036.59	97.45	175.94	72
WICHITA	3835.53	1.64	4.12	207118.70	88.74	222.56	54
HUNT	1811.25	1.20	2.23	81506.45	53.82	100.41	45



Energy Systems Laboratory



County	Avg CO2 Savings	Avg SOx Savings	Avg NOx Savings	Total CO2 Savings	Total SOx Savings	Total NOx Savings	House Count
HOOD	2877.90	2.06	3.66	83458.99	59.87	106.09	29
HENDERSON	1338.74	0.89	1.66	25436.11	16.96	31.52	19
ELLIS	2958.27	1.58	3.39	47332.28	25.25	54.30	16
KAUFMAN	1722.61	0.74	1.85	25839.11	11.13	27.81	15
MONTGOMERY	2209.42	1.68	2.51	22094.23	16.84	25.13	10
GALVESTON	3913.66	3.26	4.58	23481.93	19.56	27.47	6
BEXAR	2430.54	2.33	2.44	12152.69	11.67	12.21	5
MCLENNAN	10880.58	6.77	13.12	43522.32	27.10	52.49	4
BRAZOS	939.47	0.77	1.15	3757.87	3.07	4.58	4
COOKE	836.96	0.72	1.15	3347.84	2.89	4.61	4
FORT BEND	3498.27	3.06	4.16	10494.82	9.18	12.49	3
VAL VERDE	4842.17	1.65	4.94	9684.33	3.30	9.88	2
NUECES	1556.27	0.45	1.53	3112.55	0.91	3.07	2
WILLIAMSON	2485.52	1.77	3.16	4971.04	3.53	6.31	2
WISE	3106.06	2.44	4.10	3106.06	2.44	4.10	1
CLAY	3134.90	2.22	3.96	3134.90	2.22	3.96	1

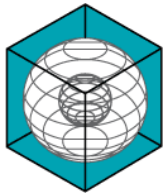


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County	Avg CO2 Savings	Avg SOx Savings	Avg NOx Savings	Total CO2 Savings	Total SOx Savings	Total NOx Savings	House Count
KENDALL	3773.67	2.78	4.44	3773.67	2.78	4.44	1
LAMAR	3097.13	2.19	3.91	3097.13	2.19	3.91	1
COLEMAN	7601.42	2.64	7.79	7601.42	2.64	7.79	1
BELL	3246.72	2.31	4.12	3246.72	2.31	4.12	1
BRAZORIA	1911.72	1.03	1.97	1911.72	1.03	1.97	1
YOUNG	3758.48	1.72	4.10	3758.48	1.72	4.10	1
Annual Total				9478250.61	6260.39	11550.46	3137

Sorted by House Count descending



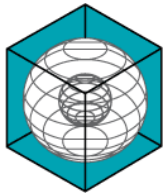
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For the period October 2009 till date

2011

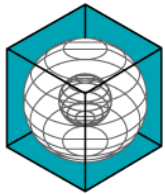
County	Avg CO2 Savings	Avg SOx Savings	Avg NOx Savings	Total CO2 Savings	Total SOXx Savings	Total NOx Savings	House Count
COLLIN	3218.55	2.13	3.97	2835546.62	1878.51	3497.48	881
DALLAS	3531.95	2.13	4.22	3093992.58	1868.51	3699.71	876
DENTON	2662.55	1.52	3.11	1616169.79	921.01	1890.67	607
TARRANT	3532.03	2.29	4.33	1504644.99	977.31	1846.63	426
ROCKWALL	2304.46	1.66	2.94	377930.67	272.06	482.20	164
HARRIS	3737.29	2.54	4.11	508271.22	345.78	558.59	136
JOHNSON	2710.38	1.93	3.44	146360.69	104.48	185.69	54
HOOD	3426.99	2.30	4.25	178203.74	119.46	220.76	52
HUNT	1957.37	1.32	2.43	70465.15	47.40	87.41	36



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County	Avg CO2 Savings	Avg SOx Savings	Avg NOx Savings	Total CO2 Savings	Total SOXx Savings	Total NOx Savings	House Count
WICHITA	3987.21	1.90	4.42	123603.57	58.91	136.93	31
HENDERSON	2361.33	1.65	2.98	37781.35	26.38	47.64	16
ELLIS	3575.12	2.00	4.17	46476.57	26.05	54.18	13
KAUFMAN	1554.47	0.64	1.65	10881.26	4.50	11.58	7
PARKER	2375.23	1.38	2.80	14251.38	8.28	16.81	6
ERATH	906.48	0.64	1.15	3625.91	2.56	4.58	4
MONTGOMERY	678.65	0.83	0.92	2714.62	3.32	3.68	4
GALVESTON	4264.24	4.05	5.22	4264.24	4.05	5.22	1
ARCHER	5861.30	2.07	5.98	5861.30	2.07	5.98	1
WISE	5398.61	3.84	6.85	5398.61	3.84	6.85	1
KIMBLE	766.52	0.14	0.70	766.52	0.14	0.70	1
MATAGORDA	40.15	0.03	0.05	40.15	0.03	0.05	1
BEXAR	4711.44	4.75	4.79	4711.44	4.75	4.79	1
TAYLOR	2929.43	1.00	2.99	2929.43	1.00	2.99	1
COOKE	2263.22	1.72	2.95	2263.22	1.72	2.95	1
LAMAR	1473.03	1.04	1.86	1473.03	1.04	1.86	1

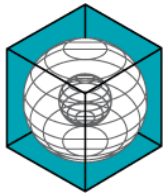


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County	Avg CO2 Savings	Avg SOx Savings	Avg NOx Savings	Total CO2 Savings	Total SOx Savings	Total NOx Savings	House Count
MCLENNAN	10189.45	3.84	10.57	10189.45	3.84	10.57	1
VICTORIA	1113.52	0.06	0.91	1113.52	0.06	0.91	1
BRAZOS	2187.20	0.94	2.21	2187.20	0.94	2.21	1
BRISCOE	171.49	0.07	0.18	171.49	0.07	0.18	1
Annual Total				10612289.67	6688.07	12789.80	3326

Sorted by House Count descending

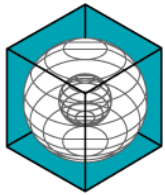


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Sqft per HVAC by County by Year

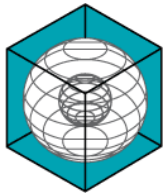
Year	County	Sqft /HVAC Tonnage
2009		
	Kaufman	613
	Clay	600
	Ellis	577
	Dallas	577
	Houston	563
	Tarrant	554
	Wichita	547
	Denton	546
	Randall	527
	Rockwall	525
	Collin	519
	Hunt	518



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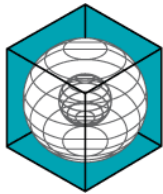
Year	County	Sqft /HVAC Tonnage
	Angelina	513
	Harris	512
	Hood	463
	Henderson	440
2010		
	Brazoria	953
	Galveston	764
	Nueces	717
	Young	699
	Ellis	637
	Mclennan	609
	Kaufman	600
	Fort Bend	589
	Val Verde	582
	Tarrant	577
	Bexar	556
	Coleman	549



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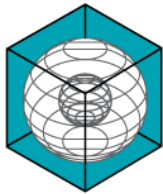
Year	County	Sqft /HVAC Tonnage
	Hood	544
	Wichita	543
	Johnson	542
	Rockwall	540
	Collin	540
	Montgomery	538
	Denton	534
	Dallas	533
	Randall	529
	Bell	504
	Harris	491
	Hunt	480
	Wise	474
	Cooke	467
	Henderson	443
	Williamson	433
	El Paso	420



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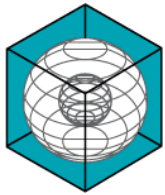
Year	County	Sqft /HVAC Tonnage
	Brazos	406
	Clay	375
	Lamar	371
	Kendall	319
2011		
	Sherman	2000
	Bexar	1092
	Victoria	1072
	Parker	958
	Mclennan	833
	Galveston	689
	Montgomery	669
	Archer	633
	Taylor	614
	Kimble	600
	Dallas	596
	Lamar	588



Energy Systems Laboratory



Year	County	Sqft /HVAC Tonnage
	Collin	567
	Rockwall	566
	Tarrant	560
	Ellis	558
	Denton	551
	Johnson	549
	Wise	545
	Wichita	542
	Potter	538
	Kaufman	538
	Hunt	532
	Erath	506
	Randall	502
	Harris	501
	Hood	479
	Henderson	456
	Tyler	412

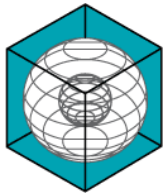


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Year	County	Sqft /HVAC Tonnage
	Matagorda	385
	Cooke	338
	Brazos	160
	Briscoe	72

Sorted by Year ascending, Sqft/Tonnage descending



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