## **Table 4.3 Offsite-Produced Fuel Consumption, 2010;**

Level: National and Regional Data;
Row: Values of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Trillion Btu.

Economic Characteristic(a)	Total	Electricity(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	LPG and NGL(e)	Coal	Coke and Breeze	Other(f)
	Total United States								
Value of Shipments and Receipts									
(million dollars)	4.020	24.4	0	50	445	4.4	25	0	101
Under 20	1,038	314	6	53	445	14	25	Q	181
20-49 50-99	918	296 308	11 7	19 13	381 440	10 5	97 130	5	97 110
100-249	1,018 1,534	427	16	10	792	5 7	131	6	143
250-499	1,401	406	16	11	583	3	185	5	193
500 and Over	4,700	791	18	17	2,560	7	300	277	731
Total	10,608	2,543	73	122	5,200	46	868	301	1,455
Employment Size									
Under 50	1,096	306	10	42	564	13	31	1	129
50-99	1,048	258	5	18	485	8	66	3	204
100-249	2,034	548	14	25	968	10	234	8	227
250-499	2,112	531	17	16	1,016	7	256	7	263
500-999	2,273	514	19	10	1,122	4	147	19	437
1000 and Over	2,046	386	8	10	1,045	4	134	263	194
Total	10,608	2,543	73	122	5,200	46	868	301	1,455
	Northeast Census Reg	ion							
Value of Shipments and Receipts (million dollars)									
Under 20	135	49	3	11	67	2	2	*	3
20-49	122	33	7	6	42	2	9	0	23
50-99	135	40	6	2	63	_ 1	11	1	12
100-249	171	45	6	2	75	1	15	*	26
250-499	157	42	1	1	74	*	24	*	15
500 and Over	211	52	4	2	117	*	11	*	25
Total	932	261	27	22	439	6	71	2	104
<b>Employment Size</b>									
Under 50	133	38	5	12	54	3	1	*	20
50-99	106	30	2	3	54	1	5	0	12
100-249	211	68	7	3	97	1	21	1	12
250-499	154	43	5	1	64	*	13	1	26
500-999	215	49	7	2	101	1	24	*	32
1000 and Over	114	32	1	1	69	*	9	*	1
Total	932	261	27	22	439	6	71	2	104
	Midwest Census Region	on							
Value of Shipments and Receipts									
(million dollars)									
Under 20	346	100	*	8	166	4	7	Q	60
20-49	293	95	*	1	132	3	33	3	25
50-99	329	91	*	1	163	2	35	2	35
100-249	581	139	1	2	341	3	60	4	30

**Table 4.3 Offsite-Produced Fuel Consumption, 2010;** 

Level: National and Regional Data;
Row: Values of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Trillion Btu.

250-496	Economic Characteristic(a)	Total	Electricity(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	LPG and NGL(e)	Coal	Coke and Breeze	Other(f)
Total 9,079 780 5 20 1,434 16 352 177	250-499	313	99	*	1	132	1	42	4	33
Property Size	500 and Over	1,218	256	2	7	499	3	174	162	115
Under 50	Total		780		20	1,434	16	352	177	298
50-99	Employment Size									
100-249	Under 50	458	108	*	7	259	3	18	1	62
250-499	50-99	369	84	Q	2	218	3	25	Q	36
500.999	100-249	551	149	1		255	3		3	59
1000 and Over	250-499	615	162	1	1	237	3	162	4	45
1000 and Over	500-999	411	153	*	2	166	1	21	18	49
South Census Region	1000 and Over	675		1			2			47
Value of Shipments and Receipts (million dollars)  Under 20		3,079		5						298
Million dollars    Under 20		South Census Region								
Under 20										
20-49 338 119 3 8 130 3 28 2 5 50-99 389 133 4 8 151 2 4 45 2 2 5 50-99 389 133 4 8 151 2 4 45 2 2 50-499 719 195 14 6 228 2 7 6 5 302 3 36 2 2 50-499 719 195 14 6 6 298 2 7 6 5 50 302 3 3 36 2 2 50-499 719 195 14 6 6 298 2 7 76 5 50 302 3 3 36 2 2 50 50 300 Arg 2,846 412 8 7 1,673 3 3 115 114 114 114 114 114 115 114 114 115										
50-99         389         133         *         8         151         2         45         2           100-249         610         182         7         5         302         3         36         2           250-499         719         195         14         6         298         2         76         *           500 and Over         2,846         412         8         7         1,673         3         1115         114           Total         5,317         1,156         36         46         2,714         16         311         120           Employment Size           Under 50         360         112         4         12         184         4         5         *										111
100-249 610 182 7 5 5 302 3 3 36 2 250-499 719 195 14 6 298 2 76 1 500 and Over 2,846 412 8 7 1,673 3 115 114 Total 5,317 1,156 36 46 2,714 16 31 115 Total 5,317 1,156 36 46 2,714 16 31 115  Employment Size  Under 50 36 112 4 12 184 4 5 5 1 100-249 996 256 4 13 507 4 78 2 250-499 1,1027 240 8 9 564 3 53 15 1 250-999 1,1363 238 12 5 703 2 80 1 1000 and Over 1,124 197 6 4 5 5 703 2 80 1 1000 and Over 1,124 197 6 4 5 599 1 78 114  Total 5,317 1,156 36 46 2,714 16 311 120  Value of Shipments and Receipts (million dollars)  Under 50 161 141 51 2 2 4 5 5 703 2 2 80 1 100 and Over 1,124 197 6 4 5 27,14 16 311 120  Value of Shipments and Receipts (million dollars)  Under 50 161 2 2 2 4 6 6 1 2,714 16 311 120  Value of Shipments and Receipts (million dollars)  Under 50 141 51 2 2 6 6 2 2 6 0 50-99 104 44 4 2 2 6 3 1 39 1 1 100-249 172 61 2 2 2 74 1 2 2 2 6 0 50-99 104 425 70 3 2 2 70 1 20 1 100-249 172 61 2 2 2 74 1 2 2 7 1 2 7 1 2 7 1 1 1 1 1 1 1 1 1 1										44
250.499 719 195 14 6 298 2 76 1 1 150 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				*	8				2	48
500 and Over         2,846         412         8         7         1,673         3         115         114           Total         5,317         1,156         36         46         2,714         16         311         120           Employment Size           Under 50         360         112         4         12         184         4         5         •           50-99         447         111         2         4         157         3         17         1 <td></td> <td></td> <td></td> <td>7</td> <td>5</td> <td></td> <td></td> <td></td> <td>2</td> <td>73</td>				7	5				2	73
Total   S,317   1,156   36   46   2,714   16   311   120	250-499	719	195	14	6	298	2	76	*	128
Component Size   Comp	500 and Over	2,846	412	8	7	1,673	3	115	114	514
Under 50	Total	5,317	1,156	36	46	2,714	16	311	120	918
50-99     447     111     2     4     157     3     17     1       100-249     996     258     4     13     507     4     78     2       250-499     1,363     238     12     5     703     2     80     1       1000 and Over     1,124     197     6     4     599     1     78     114       Total     5,317     1,156     36     46     2,714     16     311     120       West Census Region       Value of Shipments and Receipts (million dollars)       Under 20     141     51     *     21     52     4     6     *       20-49     165     50     *     Q     76     2     26     0       50-99     164     44     *     2     63     1     39     1       100-249     172     61     2     2     74     1     20     *       500 and Over     425     70     3     2     270     1     0     0       7otal     1,280     347     6     34     614     9     134     2       Employment Size	<b>Employment Size</b>									
100-249 996 258 4 13 507 4 78 2 250-499 1,027 240 8 9 564 3 53 1 500-999 1,363 238 12 5 703 2 80 1 1000 and Over 1,124 197 6 4 599 1 78 114  Total 5,317 1,156 36 46 2,714 16 311 120  West Census Region  Value of Shipments and Receipts (million dollars) Under 20 141 51 * 21 52 4 6 6 * 20-49 165 50 * Q 76 2 26 0 50-99 164 44 * 2 2 63 1 39 1 100-249 172 61 2 2 74 1 1 20 * 150-249 172 61 2 2 74 1 1 20 * 150-249 172 61 2 2 74 1 1 20 * 150-249 172 61 2 2 74 1 1 20 * 150-249 172 61 2 2 74 1 1 20 * 150-249 172 61 2 2 74 1 20 * 150-249 172 61 2 2 74 1 20 * 150-249 172 61 2 2 74 1 20 * 150-249 172 61 2 2 74 1 20 * 150-249 172 61 2 2 74 1 20 * 150-39 1 164 24 4 * 2 2 63 1 39 1 1 100-249 172 61 2 2 2 74 1 20 * 150-39 1 164 2 2 2 74 1 1 20 * 150-39 1 125 33 3 2 270 1 0 0 0  Total 1,280 347 6 34 614 9 134 2  Employment Size  Under 50 145 49 1 11 67 3 8 8 * 50-99 1 125 33 0 Q Q 566 1 2 20 0	Under 50	360	112	4	12	184	4	5	*	40
250-499 1,027 240 8 9 564 3 53 53 1 500-999 1,363 238 12 5 703 2 80 1 1,000 and Over 1,124 197 6 4 599 1 78 114 Total 5,317 1,156 36 46 2,714 16 311 120  West Census Region  Value of Shipments and Receipts (million dollars)  Under 20 141 51 1 21 52 4 6 1 20-49 165 50 1 Q 76 2 26 0 50-99 166 5 50 1 Q 76 2 26 0 50-99 164 44 1 2 2 2 63 11 39 11 100-249 172 61 2 2 2 74 1 20 1 100-249 172 61 2 2 2 74 1 20 1 250-499 2 1213 70 1 3 2 2 70 1 1 20 1 500 and Over 425 70 3 2 2 270 1 0 0 0 Total 1,280 347 6 34 614 9 134 2  Employment Size  Under 50 145 49 1 1 11 67 3 8 8 1	50-99	447	111	2	4	157	3	17	1	152
500-999	100-249	996	258	4	13	507	4	78	2	131
500-999	250-499	1,027	240	8		564	3		1	148
1000 and Over 1,124 197 6 4 599 1 78 114 Total 5,317 1,156 36 46 2,714 16 311 120    West Census Region  Value of Shipments and Receipts (million dollars)  Under 20 141 51 2 21 52 4 6 6 2 204 0 50 99 165 50 0 0 Q 56 1 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	500-999		238	12	5	703	2	80	1	323
Value of Shipments and Receipts (million dollars)		1,124	197	6	4	599	1	78	114	124
Value of Shipments and Receipts       (million dollars)       Under 20     141     51     *     21     52     4     6     *       20-49     165     50     *     Q     76     2     26     0       50-99     164     44     *     2     63     1     39     1       100-249     172     61     2     2     74     1     20     *       500 and Over     172     61     2     2     74     1     20     *       500 and Over     425     70     3     2     270     1     0     0       Total     1,280     347     6     34     614     9     134     2       Employment Size       Under 50     145     49     1     11     67     3     8     *       50-99     125     33     0     Q     56     1     20     0							16			918
(million dollars)       Under 20     141     51     *     21     52     4     6     *       20-49     165     50     *     Q     76     2     26     0       50-99     164     44     *     2     63     1     39     1       100-249     172     61     2     2     74     1     20     *       250-499     213     70     *     3     79     *     42     *       500 and Over     425     70     3     2     270     1     0     0       Total     1,280     347     6     34     614     9     134     2       Employment Size       Under 50     145     49     1     11     67     3     8     *       50-99     125     33     0     Q     56     1     20     0		West Census Region								
Under 20 141 51 4 20-49 50-99 165 50 4 Q 76 2 26 0 50-99 164 444 4 4 4 2 66 4 100-249 172 61 2 2 61 2 2 74 1 20 4 1 20 4 1 20 4 1 100-249 2 50-499 213 70 4 3 70 4 3 70 7 3 70 3 7 500 and Over 7 500 and Over 1,280 347 6 340 614 9 134 2  Employment Size Under 50 125 33 0 Q 56 1 20 6 34 66 34 67 3 8 6 4 50-99										
20-49     165     50     *     Q     76     2     26     0       50-99     164     44     *     2     63     1     39     1       100-249     172     61     2     2     74     1     20     *       250-499     213     70     *     3     79     *     42     *       500 and Over     425     70     3     2     270     1     0     0       Total     1,280     347     6     34     614     9     134     2       Employment Size       Under 50     145     49     1     11     67     3     8     *       50-99     125     33     0     Q     56     1     20     0										
50-99     164     44     *     2     63     1     39     1       100-249     172     61     2     2     74     1     20     *       250-499     213     70     *     3     79     *     42     *       500 and Over     425     70     3     2     270     1     0     0       Total     1,280     347     6     34     614     9     134     2       Employment Size       Under 50     145     49     1     11     67     3     8     *       50-99     125     33     0     Q     56     1     20     0				*			4			7
100-249       172       61       2       2       74       1       20       *         250-499       213       70       *       3       79       *       42       *         500 and Over       425       70       3       2       270       1       0       0         Total       1,280       347       6       34       614       9       134       2         Employment Size         Under 50       145       49       1       11       67       3       8       *         50-99       125       33       0       Q       56       1       20       0				*			2		0	6
250-499       213       70       *       3       79       *       42       *         500 and Over       425       70       3       2       270       1       0       0         Total       1,280       347       6       34       614       9       134       2         Employment Size         Under 50       145       49       1       11       67       3       8       *         50-99       125       33       0       Q       56       1       20       0				*			1		1	14
500 and Over       425       70       3       2       270       1       0       0         Total       1,280       347       6       34       614       9       134       2         Employment Size         Under 50       145       49       1       11       67       3       8       *         50-99       125       33       0       Q       56       1       20       0							1		*	13
Total       1,280       347       6       34       614       9       134       2         Employment Size         Under 50       145       49       1       11       67       3       8       *         50-99       125       33       0       Q       56       1       20       0				*			*		*	18
Employment Size           Under 50         145         49         1         11         67         3         8         *           50-99         125         33         0         Q         56         1         20         0							1			78
Under 50     145     49     1     11     67     3     8     *       50-99     125     33     0     Q     56     1     20     0	Total	1,280	347	6	34	614	9	134	2	136
50-99 125 33 0 Q 56 1 20 0										
				1			3		*	7
	50-99		33	0	Q	56	1		0	5
	100-249	275	72	2	6	110	2	56	1	25
250-499 317 85 3 5 150 1 27 *				3			1		*	44

Next MECS will be fielded in 2015

## **Table 4.3 Offsite-Produced Fuel Consumption, 2010;**

Level: National and Regional Data;

**Row: Values of Shipments and Employment Sizes;** 

Column: Energy Sources;

Unit: Trillion Btu.

Economic			Residual	Distillate	Natural	LPG and			Coke and	
Characteristic(a)	Total	Electricity(b)	Fuel Oil	Fuel Oil(c)	Gas(d)	NGL(e)		Coal	Breeze	Other(f)
500-999	284	74	*		1	152	*	22	0	34
1000 and Over	133	33	0		*	79	*	0	0	21
Total	1,280	347	6		34	614	9	134	2	136

- (a) Value of Shipments and Receipts and Employment Size categories were supplied by the Bureau of the Census.
- (b) 'Electricity' consists of quantities of electricity that were purchased or transferred in, and is equivalent to 'purchased electricity' as defined in the 'Annual Survey of Manufactures.'
- (c) 'Distillate Fuel Oil' includes Nos. 1, 2, and 4 fuel oils and Nos. 1, 2, and 4 diesel fuels.
- (d) 'Natural Gas' includes natural gas obtained from utilities, local distribution companies, and any other supplier(s), such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries of utilities.
- (e) Examples of Liquefied Petroleum Gases '(LPG)' are ethane, ethylene, propane, propylene, normal butane, butylene, ethane-propane mixtures, propane-butane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw Natural Gas Liquids '(NGL).'
- (f) 'Other' includes all other energy that was purchased or transferred in and not shown elsewhere.

NF=No applicable RSE row/column factor.

\* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

NA=Not available.

Notes: Totals may not equal sum of components because of independent rounding. The derived estimates presented in this table represent the consumption of energy originally produced offsite, acquired as a result of a purchase or transfer and consumed onsite for the production of heat and power. This definition is consistent with the definition of 'purchased' fuels and electric energy used by the Bureau of the Census in the preparation of 'Fuels and Electric Energy Consumed,' of the 'Annual Survey of Manufactures,' for 1974 through 1981.

Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2010 Manufacturing Energy Consumption Survey,' and Office of Petroleum and Biofuels Statistics, Form EIA-810, 'Monthly Refinery Report' for 2010, and the Bureau of the Census, data files for the '2010 Annual Survey of Manufacturers.'