

**FLEMING COUNTY SCHOOL DISTRICT  
ENERGY CONSUMPTION - JULY 2010-JUNE 2011**

ELECTRICITY	\$414,113.00	4,575,955 KwHs
NATURAL GAS	\$57,757.00	59,228 ccf
PROPANE	\$7,089.00	4,245 gal
COAL	\$20,907.00	139.05 tons
FUEL OIL	\$13,680.00	4,606 gal

TOTAL FISCAL YEAR 2011 = \$513,546

FACILITY	Size/Sq Ft.	Kwhs Used	Electricity Cost	Electric Cost/Sq. Ft.	Heating, Cooking, and Water Heating Energy Usage (gals, ccf, tons)	Heating, Cooking, and Water Heating Energy Cost Nat. Gas, Coal, Propane, Fuel Oil	Total Energy Cost	Total Cost /Sq. Ft.	Total Energy Used (kBtu)
FLEMING COUNTY HIGH SCHOOL	137,705	729,888	\$65,215.95	\$0.977	0.00	\$0.00	\$65,215.95	\$0.977	5,326,432
FLEMING COUNTY HIGH SCHOOL-GYMNASIUM	w/HS	831,200	\$69,362.19	w/HS	0.00	\$0.00	\$69,362.19	w/HS	w/HS
EWING ELEMENTARY SCHOOL	33,000	380,166	\$32,461.21	\$0.983	340 gal, 63.34 tons	\$10,093.80	\$42,555.01	\$1.289	2,917,487
HILLSBORO ELEMENTARY SCHOOL	25,580	267,012	\$25,370.86	\$0.991	38.34 tons	\$5,776.00	\$31,146.86	\$1.217	1,872,996
WARD ELEMENTARY SCHOOL	28,472	334,164	\$36,153.12	\$1.269	37.37 tons	\$5,605.50	\$41,758.62	\$1.466	2,077,781
FLEMINGSBURG ELEMENTARY SCHOOL	72,415	839,171	\$73,102.17	\$1.009	26,728 ccf	\$26,006.72	\$99,108.89	\$1.368	5,613,563
SIMON MIDDLE SCHOOL	57,800	887,070	\$76,520.64	\$1.323	23,346 ccf	\$22,482.96	\$99,003.60	\$1.712	5,428,986
ADMINISTRATION CENTRAL OFFICE	8,800	91,951	\$8,361.81	\$0.950	6,240 ccf	\$6,281.81	\$14,643.62	\$1.664	955,833
BUS GARAGE	3,600	18,467	\$1,940.49	\$0.539	2,914 ccf	\$2,985.21	\$4,925.70	\$1.368	362,860
BUS HEATER PLUGS		14,721	\$1,285.22		0.00	\$0.00	\$1,285.22		50,228
HILLSBORO -PACE PROGRAM		22,597	\$2,294.79		0.00	\$0.00	\$2,294.79		77,101
WARD -TITLE 1 MOBILE		121	\$151.90		0.00	\$0.00	\$151.90		413
FLEMING COUNTY TECHNOLOGY CENTER-MOBILE	1,620	32,367	\$2,844.05	\$1.755	0.00	\$0.00	\$2,844.05	\$1.755	110,436
SIMON MIDDLE SCHOOL-TIN CAN	1,240	30,463	\$2,468.57	\$1.990	0.00	\$0.00	\$2,468.57	\$1.990	103,940
SIMON MIDDLE SCHOOL-YOUTH BUILDING	2,772	18,907	\$1,862.05	\$0.671	4,606 gal	\$13,680.05	\$15,542.10	\$5.606	703,317
SIMON MIDDLE SCHOOL-BASEBALL		1,200	\$1,931.42		0.00	\$0.00	\$1,931.42		4,094.40
FLEMING COUNTY HIGH SCHOOL-GUARDHOUSE	75	2,945	\$414.84	\$5.531	0.00	\$0.00	\$414.84	\$5.531	10,048
FLEMING COUNTY HIGH-BASEBALL & CONCESSION		3,369	\$515.38		0.00	\$0.00	\$515.38		11,495
FLEMING COUNTY HIGH SCHOOL-SOFTBALL FIELD		1,851	\$311.08		0.00	\$0.00	\$311.08		6,316
FLEMING COUNTY HIGH SCHOOL-PACE-BALLFIELD		688	\$203.29		0.00	\$0.00	\$203.29		2,347
FLEMING COUNTY HIGH SCHOOL-OLD LIGHTING		0	\$0.00		0.00	\$0.00	\$0.00		0
POSTON SCHOOL		1	\$13.01		0.00	\$0.00	\$13.01		3
FLEMING COUNTY-BARN (720 SF Heat/Cool)	11,840	47,739	\$4,739.95	\$0.400	0.00	\$0.00	\$4,739.95	\$0.40	162,885
FLEMING COUNTY-GREENHOUSE	2,701	11,810	\$1,233.66	\$0.456	3,905 gal	\$6,521.45	\$7,755.11	\$2.87	398,180
FLEMING CO HIGH SCHOOL-NEW LIGHTING		8,080	\$5,307.74		0	\$0.00	\$5,307.74		27,569
TEMPORARY SERVICE-TAYLOR MILL ROAD		7	\$47.17		0	\$0.00	\$47.17		24
								Total kBtu	26,224,334
<b>SUBTOTALS</b>		<b>4,575,955</b>	<b>\$414,113</b>		-	<b>\$99,434</b>	<b>\$513,546</b>		
			<b>TOTAL COST</b>			<b>\$513,546</b>			

Total Degree Days (July 2010-June 2011) = 6,185

Total District kBtu = 26,224,334

	TOTAL kBtu	kBtu/Sq. Ft.	Students	kBtu/Student
Fleming County High	5,326,432	38.68	742	7,178
Simon Middle School	5,428,986	93.92	345	15,736
Flemingsburg Elementary	5,613,563	77.51	646	8,690
Hillsboro Elementary	1,872,996	73.22	165	11,351
Ewing Elementary	2,917,487	88.40	205	14,232
Ward Elementary	2,077,781	72.97	203	10,235
Central Office	955,833			
Bus Garage	362,860			

AVG. ENERGY COST BY SOURCE	
Electricity	0.090/kwh
Natural Gas	0.975/ccf
Coal	150.350/ton
Propane	1.669/gal
Fuel Oil	2.970/gal

Electricity Breakdown			
Company	kwHs	Cost	Cost/kwh
KU	2,313,283	\$200,846	\$0.0868
FME	2,262,672	\$213,267	\$0.0942

\*8.5% Increase

\*0% Increase