

2014 Kentucky Schools Energy Management Report (Pursuant to Board Policy 5.23)

This report is for fiscal year FY 2014 which covers the school year (billing period) July 1, 2013 through June 30, 2014. If this report is used to submit/revise information for a fiscal year other than FY 2014; then, "mark & initial" the appropriate fiscal year over the title of submittal. Completed form to be submitted to the Kentucky School Boards Association, EMR@ksba.org.

District Name: Henderson County Schools		Date: September 26, 2014
1	Name of person completing report	Darrel Pfingston
2	Title of person completing report	Energy Manager
3	E-mail of person completing report	darrel.pfingston@henderson.kyschools.us
4	Daytime telephone number of person completing report	270-831-8757
5	Name of person responsible for energy management	Darrel Pfingston
6	Title of person responsible for energy management	Energy Manager
7	E-mail of person responsible for energy management	darrel.pfingston@henderson.kyschools.us
8	Does your District have an Energy Committee as required by Board Policy 05.23?	Yes
9	How often does your Energy Committee meet?	4 times per year
10	Does your District routinely review utility bills for incorrect rate application, vacant accounts, demand minimums and estimated meter readings?	Yes
11	How does the District track energy usage and costs? (Examples: KEEPS Utility Tracker, School Dude Utility Direct, Excel Spreadsheet, Database or Other program (Specify name))	School Dude-Utility Direct; Excel Spreadsheet
12	Has your District developed and implemented an Energy Management Plan pursuant to Board Policy 05.23? If yes, has it been revised within the last year?	Yes. No.
13	Aggregate Gross Square Footage (GSF) for heated and/or conditioned buildings in your District. Do not count space which is not heated and/or cooled.	1,117,636 GSF
14	If your square footage has changed since last year describe the additions or deletions.	Not Applicable.
15	Source of GSF Data (e.g., measurement, drawings, insurable property list, estimate)	Measurement, & Facilities Director Property List
16	How many 100% Electric Schools are in your district?	Zero
17	Is your district doing a Performance Contract? With whom? What amount? Guaranteed Savings?	No
18	Please provide the number of schools that have Building Automation Controls, Programmable Thermostats, or no controls.	Building Automation Controls _____13_____ Programmable Thermostats _____Zero_____ No Controls _____Zero_____

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The next set of questions refer to District-wide energy consumption and costs. Appropriate responses will include all District buildings and properties.

19	List all providers that supply billable energy to District-owned buildings/campuses/facilities	Henderson Municipal Power & Light, Kentucky Utilities, Kenergy, Atmos, Henderson Bottle Gas
20	District-wide total annual consumption of electricity in kWh (including unmetered loads-e.g., parking lot lights)	15,769,716
21	District-wide total annual cost for electricity	\$ 1,115,668.12
22	District-wide total annual consumption of natural gas	319,229
23	Identify appropriate unit of measurement	Hundreds of Cubic Feet, ccf
24	District-wide total annual cost for natural gas	\$ 242,477.49
25	District-wide total annual consumption of propane	14,967.3
26	Identify appropriate unit of measurement	gallons
27	District-wide total annual cost for propane	\$ 40,076.09
28	District-wide total annual consumption of coal	Zero
29	Identify appropriate unit of measurement	Not Applicable
30	District-wide total annual cost for coal	Zero Dollars
31	District-wide total annual consumption of heating fuel oil in gallons	Zero
32	District-wide total annual cost of fuel oil used for heating	Zero Dollars
33	District's aggregate annual cost for building energy (should equal sum of all annual individual energy costs)	\$ 1,398,221.70
34	Identify 2014 savings from utility company rebates for energy conservation measures	\$ 13,500.00
35	Identify 2014 savings from utility rate changes or tax corrections	\$ 5,000.00
36	Please describe the type(s) of renewable energy (solar, wind, etc.) and provide the total quantity generated or consumed in the fiscal year. Identify the quantity as either an estimate or a measurement.	Not Applicable
37	Please describe the types of FREE ENERGY (example used motor oil) used within your district and provide the total quantity consumed in the fiscal year.	Used Motor Oil for Heating Bus Garage; Estimated Consumption = 1400 gallons.

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