School Building Authority of West Virginia

ANNUAL ENERGY USE

**SBA FORM 110**

Please complete this form and send to SBA and SDE

**NOTE: THIS FORM MAY BE SUBSTITUTED FOR A SIMILAR SBA-APPROVED DIGITAL INSTRUMENT**

County: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Project: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Year Occupied: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Grade Configuration: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Building Square Footage: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Architect / Engineer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Conditioned Square Footage: \_\_\_\_\_\_\_\_\_\_\_

Briefly describe the HVAC type and other major sources of energy demand within this facility:

Describe any current or proposed energy conservation projects for this school:

ENERGY INDEXES: List the total amount of each fuel source consumed for the previous year, then multiply by the BTU Conversion factor to give the Total BTU used.

|  |  |  |  |
| --- | --- | --- | --- |
| **Source (Units)**  | **Consumption Per Year** | **Conversion (BTU/Unit)** | **= Total BTU** |
| Electric (Kilowatt-Hrs) |  | 3,412 |  |
| Natural Gas (MCF) -or- |  | 1,037,000 |  |
| Natural Gas (Decotherms) |  | 1,000,000 |  |
| Coal (Tons) |  | 24,000,000 |  |
| #2 Fuel Oil (Gallons) |  | 138,874 |  |
| Propane (Pounds) |  | 21,600 |  |
| Used Oil (Gallons) |  | 125,000 |  |
| Wood Chips (Tons) |  | 16,500,000 |  |
| Other (Specify |  |  |  |
|  Amount:  |  |  |  |
|  Units:  |  |  |  |
| Total BTU Used:  |  |
| Divided by Conditioned Square Footage:  |  |
| **ENERGY USAGE INDEX (EUI):**  |  |

Information Prepared By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of Superintendent: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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