

Photovoltaic System Specification Sheet

Livingston County Middle School

1370 U.S. Highway 60 East

Burna, KY 42028

Latitude	37.2321°N
Longitude	88.3768°W
Array Azimuth	180° True South
System Type	Fixed Array - 2 high Driven Post
System Footprint	12' x 54' or 648 sq. ft.
Array Orientation	Portrait
Tilt (Degrees)	30° from Horizontal
System Size (DC)	10.08 kW
System Losses	14.49%
Inverter Efficiency	96.00%
Racking System	Harvest Energy Solutions
Module Type	Hanwha Q-Cell 315W
Inverter	Fronius Primo 8.2-1
Number of Sub-Arrays	1
Number of Modules per Sub-Array	32
Total Number of Modules	32
Number of Modules per String	See One Line
Phase	240VAC Single Phase
Sub-Array Current (AC)	34.10 Amps
Maximum Possible Total System Current	42.625 Amps

System Design By: Harvest Energy Solutions