



# HARRISON COUNTY SCHOOLS

CLARKSBURG, WV



## SAFETY RECORD

ZERO Recordable Events



## PROJECT SIZE

1.6M sq. ft.

\$18.8M



## PROJECT SCHEDULE

Completed 1/10/2020



## CONTRACT METHOD

Energy Savings Performance  
Contract (ESPC)



## SAVINGS INFORMATION

Energy and operational savings  
over \$8.7M



Harrison County Schools (HCS) were struggling with aging infrastructure amongst their school district and were seeking to implement cost-effective and meaningful infrastructure improvements. HCS partnered with ESG to design and implement energy efficient facility improvements that revitalize and modernize the infrastructure across their school district. Through these projects ESG worked on 19 schools in Harrison County.

## SOLUTIONS

### Phase I

- Lighting improvements at 19 facilities
- HVAC replacements with associated controls at seven schools
- Controls upgrades at eight schools
- Cooling tower replacements at two schools
- Domestic hot water replacements at three schools
- District-wide energy policy / sustainability program developed for facilities

### Phase II

- Lighting improvements
- HVAC improvements at three schools
- Water conservation measures
- Boiler replacement & cooling tower replacement

### Phase III

- Boiler upgrades & associated controls at three schools
- Interior and / or exterior lighting upgrades at three facilities
- Various RTU replacements with controls upgrades at one school
- Retro-commissioning

### Phase IV

- Interior lighting improvements at eight schools; stage lighting upgraded to LED at five schools
- Controls replacements at two schools
- HVAC improvements at three schools
- Cooling tower replacement at one school

## RESULTS

From their partnership with ESG, Harrison County Schools now possesses energy-efficient, cost-effective infrastructure that also provides an improved learning environment for students in the district. HCS is well on its way to achieving energy and operational savings of over \$8.7M throughout the life of the contracts.