

Richland County School District One



Project at a Glance

Project Location:

Columbia, South Carolina

Project Cost:

\$37,826,492

Annual Savings:

\$1,030,096

Scope of Work:

- Replacement of over 300 mechanical systems across 15 District campuses
- Interior and Exterior LED Lighting Upgrades
- Water Conservation fixture replacements
- Telecommunications overhaul to district-wide VOIP system
- Building envelope sealing enhancements
- Plug load management technology
- Building Management System Upgrades
- Critical end-of-life electrical infrastructure component modernization

Role of the Responder:

Energy Services Company

Construction Dates:

October 2020 – Est. August 2023

Project Term:

20 Years

Project Beginning and End Dates:

Estimated 2023 – 2043



Project Description

Although slowly working towards upgrading their critical infrastructure needs, Richland County SD still faced over \$22M in annual deferred maintenance. This included significant technology needs such as an outdated telecommunication platform that was a longstanding priority to be upgraded. Additionally, unforeseen circumstances of a global scale caused a major shift to the importance of air filtration and other healthy building initiatives throughout the District for student and faculty safety.

Richland One leaned heavily on Schneider Electric to develop a comprehensive infrastructure enhancement project to help them fund and implement these critical building modernizations in an efficient manner. Our team developed a project that will reduce the District's utility consumption by 24% at 15 of their schools and generate nearly \$28M in guaranteed energy savings from their utility/operations budget over 20 years. Over \$1M annually in guaranteed utility savings.