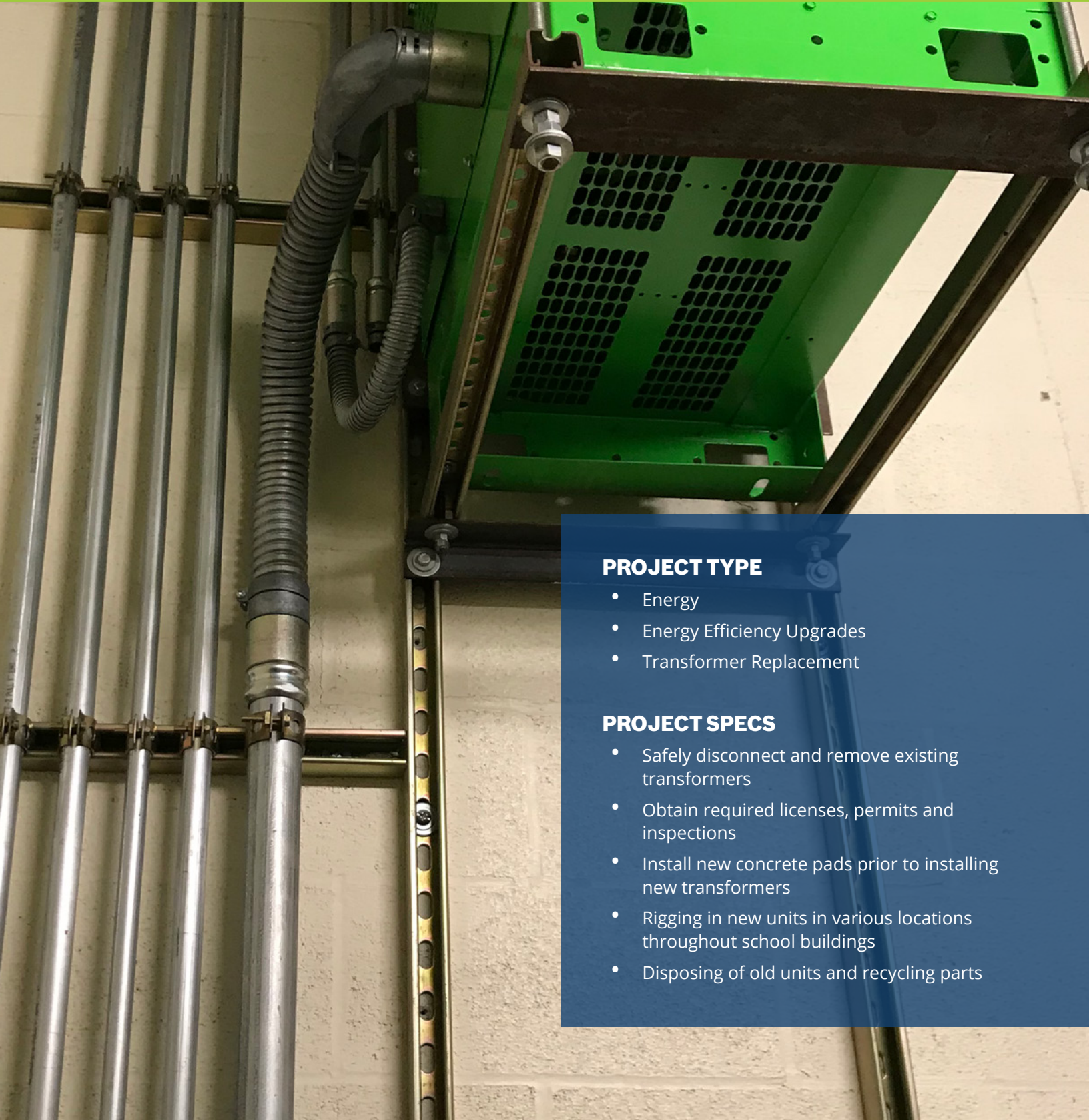


Johnson Controls, Inc.
Baltimore County Schools Transformer Project
Baltimore County, MD



PROJECT TYPE

- Energy
- Energy Efficiency Upgrades
- Transformer Replacement

PROJECT SPECS

- Safely disconnect and remove existing transformers
- Obtain required licenses, permits and inspections
- Install new concrete pads prior to installing new transformers
- Rigging in new units in various locations throughout school buildings
- Disposing of old units and recycling parts

RIFE International partnered with Johnson Controls, Inc. to replace 108 existing transformers across 18 Baltimore County Public School buildings.

CHALLENGES

- Wiring up and energizing all 108 transformers in a 10-week time frame during the summer of 2017 prior to the beginning of the 2017-18 school year.
- Rigging all new transformers in tight, restricted spaces such as mezzanine crawl spaces, boiler rooms, cafeterias, and hanging brackets.
- Interacting with Baltimore County Electrical Inspectors to ensure transformer installations complied with the county's electrical code.
- Working alongside other service contractors in buildings simultaneously during the summer to complete all work.

RESULTS

- Completing all installations without disruption to normal school operations.
- 75-82% savings on existing energy costs as a result of transformer installations.
- Building a trusted relationship with Baltimore County Public Schools and Johnson Controls, Inc. as a reliable service provider.