



EVANSVILLE VANDERBURGH SCHOOL CORPORATION (EVSC)

EVANSVILLE, IN



SAVINGS INFORMATION

\$103M (6 Phases)



PROJECT SIZE

\$74M (6 Phases)

The **Evansville Vanderburgh School Corporation (EVSC)**, the third largest school district in the state of Indiana with an enrollment of almost 23,000 students, partnered with **Energy Systems Group (ESG)**, a leading energy services provider, to develop six phases of a comprehensive energy solutions program to enhance and modernize its schools. EVSC is a county-wide system that is comprised of urban, suburban, and rural areas with 40 schools, including five specialized schools, six specialized programs and a rapidly expanding early learning program. EVSC was ESG's first customer and since 1995, ESG has implemented multiple improvements to EVSC schools including but not limited to traditional energy conservation measures (ECMs), the implementation of a computerized energy management system as well as educational and marketing components.

Additionally, ESG completed a \$4.6 million heating, ventilation and air-conditioning (HVAC) and controls project at the new McCutchanville Elementary School and a \$3.4 million solar array project totaling over one megawatts (MW) at Plaza Park International Prep Academy and Southern Indiana Career and Technical Center (SICTC). ESG also completed an important restoration project at the historic Bosse Field.

“I knew I could rely on [ESG] to totally manage the multiple projects...this is truly a 'turn-key' operation as there are no change orders allowed.”

- **Pat Tuley**, Former CFO of EVSC





EVSC

EVANSVILLE, IN



ENERGY AND OPERATIONAL SAVINGS

Phase 1: 10-year term;
Total Savings—\$52.7M

Phase 2: 10-year term;
Total Savings—\$22.2M

Phase 3: 17-year term;
Total Savings—\$12.1M

Phase 4: Guarantee of \$6.5M
over 20-year term

Phase 5: Guarantee of \$4.3M
over 15-year term

Phase 6: Guarantee of \$5.5M
over 20-year term



PROJECT SCOPE

The scope of work implemented by ESG included ECMs such as lighting, HVAC, building controls, building envelope improvements, the implementation of a computerized energy management system and educational components.

- **Phase 1 (Aug. 1995-Dec. 1996):** Improvements in 36 schools including air conditioning in 22 schools
- **Phase 2 (Sept. 1997-Dec. 1998):** Improvements in 16 schools including air conditioning in 6 schools
- **Phase 3 (Apr. 2010-Mar. 2011):** Improvements in 14 schools including Delaware Elementary HVAC
- **Phase 4 (Mar. 2017-Sept. 2018):** McCutchanville Elementary School HVAC and Controls
- **Phase 5 (Oct. 2017-Oct. 2018):** Solar at Plaza Park and SICTC
- **Phase 6 (Jan. 2020-Dec. 2020):** Bosse Field

