



Stratelign guides Noblesville Schools through the master plan process and completion of a project that will save the corporation millions in energy costs.

OBJECTIVE

Working with Noblesville Schools CFO and Assistant Superintendent of Facility Operations, Stratelign was to provide guidance through an assessment and evaluation of energy consumption with a goal of creating an energy master plan. The master plan would result in reduced energy consumption, lower energy and operational costs as well as on-site energy production. This would reinforce the school corporation's commitment to provide increased funding directed toward school programming and teachers salaries.

DELIVERABLES

Ground-mount solar arrays were strategically positioned on four of the school corporation's properties. Once the solar equipment was activated, continued on-site energy production performance was backed with:

- A 25-Year Lifecycle Warranty on all equipment
- 24/7 Remote Monitoring for real-time energy production analytics
- A Full-Service Maintenance Plan for equipment and grounds



Four Noblesville Schools properties are currently producing energy provided by the sun for the school corporation's use.

LED lighting systems were installed to reduce energy use while improving the quality of lighting in facilities. The lighting improvement initiative also included:

- A 10-Year, 100,000-hour Warranty
- Manufacturer-direct Pricing for equipment

K-12 PROJECT NOTES



NOBLESVILLE SCHOOLS

ENGAGE | INSPIRE | EMPOWER

CLIENT:

Noblesville Schools

OWNER'S REP:

Stratelign, Bob McKinney

SOLAR ENERGY SERVICE PROVIDER:

Performance Services, Inc.

LED LIGHTING CONTRACTOR:

Facility Solutions Group

SOLAR SIZE:

4 locations totaling 2MW = 4,956 400-watt solar panels

LED LIGHTING SCOPE:

11 Buildings totaling 20,000+ LED Fixtures

TOTAL COST:

\$4,921,094

OWNER'S REP SERVICES PROVIDED:

Facility Evaluation
 Scope Development
 Financial Modeling
 Procurement
 Insurance Advisory
 Solar Curriculum
 Construction Services

Noblesville School Corporation's Projected Savings:

- **\$6,337,000** over 20 years with solar energy
- **\$4,169,000** over 10 years with LED lighting

Year 1 annual cash flow for operations is estimated at \$616,000. The savings from this project will provide funding for school programming and increases in teachers salaries.



Representatives from Noblesville Schools celebrated the completion of this successful project in October, 2020.

Contact us for more information on this project or to discuss how our services can benefit yours

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