



Erie County Association of School Boards

“ ECASB BUSINESS CONNECTIONS ”



C.J. Brown Energy, P.C.

Energy Utilization & Commissioning Specialists

C.J. Brown Energy & Engineering for K-12 Schools

C.J. Brown Energy helps K-12 facilities reduce energy use, save on O&M costs, and create better learning environments. The firm provides individual building and district-wide solutions that have a short-term impact and can generate substantial savings in the long term.

Additionally, their commissioning process can significantly improve the quality of a construction project, reduce the overall construction budget, and get the building turned over on time and functionally operating. Their commissioning services are designed to meet the necessary code requirements for capital improvement projects. As budgets tighten and pressure mounts for K-12 school administrators to deliver innovative, cost-cutting strategies, school districts are increasingly turning to energy performance contracts in parallel with their capital projects to address needed building upgrades. C.J. Brown Energy can assist you in identifying and developing projects that have zero taxpayer impact and pay for all costs out of future, guaranteed energy savings.

K-12 Energy Services

- Commissioning
- Indoor Air Quality
- Energy Performance Contract Assistance
- Detailed Energy Audit
- Flexible Technical Assistance
- Clean Energy Master Plans
- Non-Residential Commercial Incentive Program
- Technical Assistance
- Net-Zero/Carbon Neutral Energy Analysis
- MEP Design Services

Featured Projects



Buffalo Public Schools Energy Study



Ken-Ton Energy Audit



Lancaster CSD Commissioning

4245 Union Road, Suite 204 · Buffalo, NY 14225

T (716) 565-9190 | F (716) 633-5598



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P-12 Clean Green Schools Initiative

Existing public-school buildings across NYS designated as High-Needs by the New York State Education Department or located in a disadvantaged community are eligible to receive up to 100% funding through NYSEDA's Clean Green Schools Initiative. Funding can be used to help schools improve environmental sustainability by reducing energy loads, decarbonizing their building portfolio, improving indoor air quality (IAQ), and providing clean energy educational opportunities.

The program has two parts:

Track I – Planning: This track will provide funding on an open enrollment basis, first come first served, to support a variety of professional services which will help schools evaluate, plan for, and facilitate energy reduction projects, clean energy projects, and indoor air quality projects.

Track II – Implementation: This track will provide funding on a competitive basis to implement construction projects which will help schools decarbonize their buildings, leading to improved air quality, reduced emissions, and a pathway towards electrification.

Schools are able to combine NYSEDA funding with incentives from local utility companies. Our team can help identify and utilize additional incentive opportunities!

Clean Green Schools Initiative Track I Potential Activities

C.J. Brown Energy is a NYSEDA approved FlexTech Consultant and can assist with a number of activities under Track I. These can include, but are not limited to, the following:

- Energy Benchmarking
- Energy Studies
- Clean Heating and Cooling Technology Studies (new and existing systems)
- Energy Efficiency and Clean Heating and Cooling Design Services
- On-Site Energy Manager
- Energy Master Planning and Decarbonization Roadmaps
- Energy Performance Contracting Support
- Community Presentations
- Community Solar and Clean Energy Purchasing
- Indoor Air Quality Evaluation and Management
- Baselining
- Retro-commissioning
- Continuous Monitoring

C.J. Brown Energy is contracted by the NYS Education Department (NYSEDA) and school districts as an independent, third party, licensed NYS professional engineer for review, certification and submission of energy performance contracts (EPCs) to NYSEDA. These services include review of the EPC documents submitted on behalf of the school district including the detailed energy audit, design documents, and the EPC contract. The overall project economics are reviewed to verify that measures not eligible for building aid are not subsidizing measures that are eligible for building aid.