



ELECTRIC SCHOOL BUS IMPLEMENTATION

# Effective planning for your electric vehicle migration

Converting to electric buses isn't a one-size-fits-all endeavor. Using a tailored approach, CPL will help identify and procure needs-based assessment funding, and navigate the entire electrification of your fleet and facility infrastructure to create a streamlined, long-term system that prioritizes energy efficiency.



## Reliable School Transportation, Designed Sustainably and Efficiently

When it comes to transporting students, there's no room for error. Our top priority is to equip your district with a streamlined electric school bus system, ensuring safe transit to and from school with peak energy performance.

Sustainable technology is constantly evolving and we recognize that the shift to electric buses may take time. **Based on district eligibility, CPL will guide you through procuring assessment funding through NYSERDA, covering up to 75-100% of the program study cost.**

Our team will also conduct a comprehensive assessment, charting the best path to fully upgrade your district's fleet. With extensive experience in designing highly efficient buildings and complex transportation projects, we can identify and address the technical needs of this undertaking, providing your district with customized and enduring solutions.

CPL will be your trusted, longstanding partner throughout every phase of your district's electric school bus implementation. Whether you need assistance with funding applications, fleet routing, charging infrastructure development, vehicle procuring, or any other aspect, we've got you covered.

### Contact

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## TRANSITION PLAN

1. **Routing Assessment:** Determine load and range requirements, charger type and sizing, new route requirements and battery capacities
2. **Electrical Assessment:** Assess electrical capacities and identify required charging types and sizes
3. **Site Assessment / Plan:** Outline plan for new parking lot flow and layout, preliminary charger locations, conduit, transformer, battery storage, etc.
4. **Budgeting & Capital Project Planning:** Identify available Federal, State and Utility incentives, and estimate total cost for infrastructure, vehicles, training, and reimbursements
5. **Final Report and Phasing:** Provide recommendations to maximize available incentives and suggest short and long-term bus/battery specs, charge infrastructure and utility system upgrades

### About CPL



Founded in 1975



500+ multi-disciplinary professionals



21 offices in 7 states

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