



ILLINOIS ENERGY CONSORTIUM POWERED by FUTURE GREEN partners with BorgWarner to Bring Market Leading DC Fast Chargers to Schools

The Illinois Energy Consortium (IEC) Powered by Future Green and BorgWarner Inc. (“BorgWarner”) have partnered to bring bidirectional DC Fast Chargers (DCFCs) to school districts throughout Illinois. The partnership comes on the heels of EPA Clean School Bus rebates set to add more than 120 electric school buses to Illinois depots and bus barns by the end of 2023. The partnership makes DCFCs more affordable by utilizing bidirectional chargers to offload energy stored in electric school bus batteries supporting buildings and the grid during emergencies and times of peak demand.

The partnership leverages IEC Powered by Future Green’s expertise in renewable energy production and procurement. In most cases, school districts will be able to package the installation of DCFCs with onsite solar at little to no upfront costs. DCFCs will have the ability to deliver vehicle-to-building and vehicle-to-grid capabilities.

“In many cases, school buses sit motionless more than 80% of the calendar year. Our partnership with BorgWarner not only provides affordable access to industry leading technologies, it also positions our school districts to leverage their electric school buses as green energy assets during times when they are not safely transporting kids.” Said Tim Farquer, Superintendent of Williamsfield Schools and Administrative Lead of the Bus-2-Grid Initiative.

The partnership supports the emerging ecosystem for charging and for energy storage, distribution and management. It brings school districts grid-like reliability using the most reliable high-power solutions for solar production, electric school bus charging, energy storage, microgrid deployment, and energy management.

“The partnership will promote vehicle-to-grid capabilities for the buses in Illinois, helping to maximize renewable energy resources while providing the ability for districts to generate revenue by selling excess energy back into the grid during peak demand hours. We value the alliance with the IEC Powered by Future Green to help the nation transition to eMobility,” said Davide Girelli, President and General Manager, BorgWarner Morse Systems.

The partnership ensures access to some of the most resilient EV charging equipment on the market today. It also provides Illinois school districts unique access to developing technologies and products as they hit the market worldwide. As EV fleet charging and energy management technologies advance, BorgWarner and the IEC Powered by Future Green will ensure school districts are positioned to leverage energy assets to the benefit of their kids and communities.



“In 2014, our high school STEM team developed a mini-microgrid vision for our community and school,” said Tim Farquer, “The IEC Powered by Future Green and DCFCs manufactured by BorgWarner are bringing this student vision to life. We are extremely excited to leverage these partnerships to unlock the energy storage capacity of new and repowered electric school buses to flip the switch on our campus-wide mini-microgrid. We are equally excited to see this partnership expand access to these technologies to school districts throughout Illinois,”

Illinois Energy Consortium (IEC) Powered by Future Green

The Illinois Energy Consortium (IEC) Powered by Future Green is Illinois’ largest electric and natural gas pool. They leverage government incentive programs, volume pricing, and power purchase agreements to help school districts install solar arrays onsite with no upfront out-of-pocket costs. The IEC Powered by Future Green also leverages the Bus-2-Grid Initiative to unlock the energy storage capacity of electric school bus batteries and include school bus fleet electrification within an overall energy savings and emissions reduction plan for its members. A not-for-profit initiative of the Illinois Association of School Administrators, the Illinois Association of School Boards, and the Illinois Association of School Business Officials, the IEC Powered by Future Green provides members stable and long term low cost energy solutions that are environmentally responsible. Eenergy LLC is the Program Manager of the IEC Powered by Future Green.

BorgWarner

For more than 130 years, BorgWarner has been a transformative global product leader bringing successful mobility innovation to market. Today, we’re accelerating the world’s transition to eMobility — to help build a cleaner, healthier, safer future for all.

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