

# It's Electric: EV Infrastructure Triumphs and Challenges at SUNY ESF

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## ABSTRACT

New York State has committed to sustainability leadership through its Climate Leadership and Community Protection Act (CLCPA). The CLCPA has set an aggressive goal of achieving 70 percent renewable electricity generation by 2030 and a zero emissions grid by 2040. With this change, campuses within the SUNY system and across New York State are identifying and implementing projects that support and enable this transition away from fossil fuels. Many of these projects will help push the state toward all electric systems, including the transportation sector.

Large-scale decarbonization challenges require deep, cross departmental collaboration. A number of SUNY ESF employees hold roles in both the Facilities Department and the Sustainability Division. This unique and matrixed reporting structure enabled the College's Sustainable Facilities Manager, Sue Fassler, to work with stakeholders throughout campus to design and install a large network of Level 2 EV charging stations at SUNY ESF's Syracuse campus. Initiatives such as these will help maintain ESF's status as one of the Top Green Schools in the country (Princeton Review). Learn more about the project funding, unique challenges faced and lessons learned throughout the planning, design and construction phases of this project.

## BIOGRAPHY

**Sue Fassler** serves as the Sustainable Facilities Manager at SUNY ESF. In this role, she oversees a number of the College's operational areas: custodial, grounds, fleet garage, mailroom and shipping & receiving. She is also an active member of the

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Sustainability Division and leads ESF's zero/low waste programs. Sue holds a B.S. in Environmental Studies and a M.P.S. in Environmental Science (Environmental Policy and Democratic Processes) from SUNY ESF and a Master of Public Administration (Social Policy) from Syracuse University's Maxwell School of Citizenship and Public Affairs.

**Nicolette Havrish**, AIA, NCIDQ, LEED AP BD+C is a Registered Architect and Interior Designer with over 10 years of experience ranging from design to construction period services. She is well-versed in a wide range of facility types and has developed spaces that meet her clients' needs while also meeting sustainability goals. Nicolette is knowledgeable about NYSERDA incentives, NY-CHPS, Enterprise Green Communities, and multiple versions of the LEED® Rating system. She has worked on projects achieving all levels of LEED Certification, including Net Zero Energy projects within New York State.

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