GREGORY P. CUETARA, P.E., S.E.

SME
SEVEE & MAHER
ENGINEERS
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EDUCATION

M.Eng. – Structural Engineering, Cornell University, 1999
B.S. – Civil Engineering, Worcester Polytechnic Institute, 1998

PROFESSIONAL REGISTRATIONS AND CERTIFICATIONS

Professional Engineer – California (Civil), Connecticut, Georgia, Indiana, Kansas, Maine, Massachusetts, New Hampshire, New York, North Carolina, North Dakota, Pennsylvania, Rhode Island, and Vermont
Structural Engineer – Georgia, Illinois

EMPLOYMENT HISTORY

2024 to present – Sevee & Maher Engineers, Inc., Cumberland, Maine, Structural Engineering Lead
2020 to 2024 – SGC Engineering, Westbrook, Maine, Manager Civil/Structural/Transmission Line Engineering
2016 to 2020 – RLC Engineering, Hallowell, Maine, Senior Structural Engineer
2015 to 2016 – APEX Engineering, Falmouth, Maine, Senior Structural Engineer
2005 to 2015 – IEA / Stantec, Portland, Maine, Senior Structural Engineer

AFFILIATIONS

Structural Engineers Association of Maine (SEAM) – director and past president

PROFESSIONAL EXPERIENCE

Mr. Cuetara is a licensed Professional Engineer and Structural Engineer with over 25 years of experience in structural engineering projects, with an emphasis on structural/transmission line engineering. As a lead structural engineer, he oversees the work of engineers and designers, ensuring integrity and high quality performance in project execution.

Mr. Cuetara has extensive knowledge and expertise in the design of utility, heavy industrial, and power plant projects including foundations and structural steel support. His diverse experience includes the design of small industrial, commercial, school, and retrofit projects. Mr. Cuetara has also served as the special inspections coordinator on multiple projects and has run special inspections programs as required by the International Building Code. As an experienced project manager on multi-disciplinary projects, Greg is focused on delivering quality designs that meet the client's needs and budgets.

Representative projects in his areas of expertise include the following:

- **Versant, Machias Substation, Machias, Maine** – Structural Engineer/Engineer of Record for the design of foundations for a new substation. Mr. Cuetara's role encompassed the coordination and design of foundations for all of the equipment and steel structures.

- **WEG/Boggy Brook Substation, Ellsworth, Maine** – Structural Engineer/Engineer of Record for the foundations of a building supporting a Synchronous Condenser. The Synchronous Condenser is a dynamic piece of equipment with unique design requirements; machinery vibrations have to be taken into consideration in the foundation design.
- **Sweet Acres Wind Farm, White County, Indiana** – Structural Engineer/Engineer of Record for the design of steel and foundations for a new substation supporting a 200 MW wind farm. Steel design included support for switches and bus work along with associated equipment. Foundation design included deep foundations for typical equipment and support structures along with slabs for breakers and a slab and containment pit for the transformer.
- **Maine Electric Power Company, Inc. (MEPCO), 345kV Line Rebuild, Maine** – Project manager to the design of 129 miles of 345kV line in Maine consisting of H-Frame wood tangent structures, direct embed steel and steel on foundation structure types.
- **Kansas City Board of Public Utilities, Kansas City, Kansas** – Structural Engineer/Engineer of Record. Designed backend emissions control for a coal fired power plant. Work included structural support for baghouses and circulating dry absorber structures including platforms housing process equipment.
- **Big Level Wind, Hector Township, Pennsylvania** – Project Manager, Structural Engineer/Engineer of Record. Design of a collector system and substation to connect a 90MW wind farm to the electric grid. Structural design included foundations and steel in the substation for a three-bay structure, transformer foundation and miscellaneous equipment support.
- **Blaine Street Substation, Manchester, New Hampshire** – Structural Engineer/Engineer of Record. Designed an electrical substation in downtown Manchester to replace an existing electrical substation including a transformer and miscellaneous equipment.
- **NIPSCO Michigan City Power Generating Station, Michigan City, Indiana** – Structural Engineer. Designed backend emissions control for a coal fired power plant. Work included structural support for baghouses and circulating dry absorber structures including platforms housing process equipment.
- **DCO Energy, Landfill Gas to Energy Plants** – Structural Engineer/Engineer of Record. Worked on the design team for the 2nd and 3rd largest (at the time) landfill gas to energy plants in the U.S. Design included foundations for gas turbines, heat recovery steam generators and steam turbines. Structural Steel was designed for ductwork support and pipe racks. A foundation was designed for a transformer in the adjacent switchyard.
- **Gateway Energy and Coke Company, Granite City, Illinois** – Structural Engineer/Engineer of Record. Worked on the design team for a new steel coke facility. Design included foundations for process equipment, Flue Gas Desulfurization equipment and structural steel for a pipe rack almost one mile long.
- **El Furrial Power Plant, Maturin, Venezuela** – Structural Engineer/Engineer of Record. Worked on the design team for a new power plant. Design included foundations for gas turbines, generators, electrical buildings, 1,000,000-gallon water tank, maintenance warehouse, electrical switchyard including transformers with firewalls, A-frame structures, and miscellaneous switchyard pieces.