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**Rick Woolsey, PE, C.E.M.**  
**Project Development and Management**

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*B.S. Mechanical  
Engineering  
University of Kansas  
1976*

*Certified Energy Manager  
➤ Association of Energy  
Engineers*

*Registered Professional  
Engineer  
➤ State of Kansas*

Rick has a broad background in business and project development and performs both Project Development and Project Management. He has worked in many different types of industrial, commercial, and institutional facilities. Rick is experienced in project development and project management of engineering and construction projects. His experience includes energy audits, rate analysis, troubleshooting, planning, conceptual design, quality control, scheduling, cost control, procurement, and construction. He has worked on chilled water systems, compressed air systems, refrigeration systems, boiler systems, control systems, air handling systems, lighting systems, process systems, material handling systems, and electrical systems. Rick has also been involved in business startup, development of marketing and sales programs, project financing, and customer education and training.

**Relevant Experience**

- ▶ **Quaker Oats Company** - Functioned as National Development Manager to lead development team members in project development and project management for 18 production sites with an annual utility spend of \$28 million. The energy related capital improvement budget included the installation of \$19 million in projects for energy management control systems, compressed air control systems, compressor optimization, lighting improvements, VFD applications, process heating improvements, and electric power system modifications.
- ▶ **Ocean Spray** – Performed as Regional Development Manager across regional multiple sites for the development of multiple projects including compressed air upgrades, boiler economizers, lighting, VFD installations, chilled water system upgrades, control systems, process water heating, insulation, steam system upgrades, and heat recovery.
- ▶ **Owens Corning** – Performed as Regional Development Lead to development regional including compressed air system upgrade & control improvement, process VFD & control improvement, high temperature heat recovery, process water system upgrades, and process air application improvements. Managed development process for compressed air upgrades for all major plants in the 2000-8000 HP range.

- ▶ **Deal Development Support** – Involved in deal structuring and engineering support for many prospective deals. Customers include those such as: Whirlpool Corporation, TRW, Owens Corning Composites Division, Owens Corning Asphalt Division, Dial, Keebler Foods, Exide Battery, Phelps-Dodge, Owens Illinois, and others.
- ▶ **New York Schools** - Performed project development and project management for modifications for various upper state school districts, including cogeneration applications, heating improvements, chilled water improvements, fuel switching, window & door upgrades, roofing upgrades, HVAC controls, lighting upgrades, and various other improvements.
- ▶ **Paola, Kansas Schools** - Performed project development and project management for modifications for the school district, including heating improvements, cooling improvements, rate analysis, HVAC controls, lighting upgrades, and various other improvements.
- ▶ **North, Kansas City Schools, Missouri** - Performed project development and project management for modifications for the school district, including heating improvements, cooling improvements, rate analysis, HVAC controls, lighting upgrades, and various other improvements.
- ▶ **Security Bank, Kansas** - Performed project development and project management for modifications for the main bank building, including heating improvements, cooling improvements, rate analysis, HVAC controls, lighting upgrades, VFD applications, and various other improvements.
- ▶ **Menorah Medical Center, Missouri** - Performed project management for modifications that cut the utility bill for the facility in half. Projects included heating improvements, cooling improvements, HVAC controls, lighting upgrades, window upgrades, boiler O2 trim & control upgrades, fuel switching, and various other improvements