

Jack Howarth, Project Manager

Background

Mr. Howarth is a seasoned professional with over 35 years of experience in power plant design, project management, and commissioning. He has successfully managed numerous projects involving the design, procurement, manufacturing and installation of steam generators and related equipment in central power plants throughout the United States. He has extensive experience in project planning, cost and schedule management.

Professional Experience

Great Point Energy, Inc. Cambridge, MA

Provided leadership and guidance for the fast track construction, commissioning and initial operation of a \$40M research and pilot plant facility, producing synthetic natural gas from coal and other carbon sources. Project manager for the electrical and instrumentation phases of the project. Also managed project development and of PreFEED studies for an \$800M demo plant and a \$5B commercial plant.

Abington Group, Inc. Portsmouth, NH

Project manager for the installation and commissioning of a 1.2MWe cogen plant with a gas turbine, waste heat boiler and a topping steam turbine at Amherst College. Also implemented project websites to encourage collaboration and sharing of information with owners and sub-suppliers.

American Ref-Fuel, Niagara Falls, NY

Project engineer for a design and build 2 x 1000 TPD waste-to energy steam plant.

Ryegate Wood Plant, Ryegate, VT

Engineer for a design and build 20MW wood-fired steam boiler system.

Tennessee Eastman Corp. Kingsport, TN

Project manager for a design and build 160 MWe coal-fired steam boiler system.

Fitchburg Wood Plant, Fitchburg, MA

Engineer for a design and build 16.3 MWe wood-fired steam boiler system.

Olmsted County Waste Recovery Facility, Rochester, MN

Project manager for a design and build 2 x 100 TPD waste to energy steam plant.

City Utilities of Springfield, Springfield, MO

Project manager for a complete boiler rebuild after a major explosion

Project manager for an upgrade of the coal handling facilities.

Project manager for the design and construction of a new fuel oil unloading and storage facility

Central Ohio Psychiatric Hospital, Columbus, OH

Project manager for the design and retrofit of an atmospheric fluidized bed combustor to an existing steam boiler.

Tennessee Valley Authority, Widows Creek, AL

Project manager of a waterwall replacement project on an 800MW coal fired boiler

Shell Oil Company, Wood River, IL

Project manager of a multi unit Low NOx burner replacement project.

Philadelphia Electric Company, Eddystone, PA

Project manager of a boiler superheater retubing project

Potomac Electric Power Co., Dickerson, MD

Project manager of a boiler waterwall retubing project

Tinker Air Force Base, Oklahoma, OK

Project manager of a multi boiler steam plant rehabilitation project.

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Professional Qualifications

MBA, Worcester Polytechnic Institute,
Worcester, MA

BS, Electrical Engineering, Lowell Technological Institute,
University of Massachusetts, Lowell, MA

Professional Affiliations

ASME, American Society of Mechanical Engineers

IEEE, Institute of Electrical and Electronics Engineers

PMI, Project Management Institute