



Gregory Pedrick is a Project Manager for NYSERDA in the Building R&D Sector. He has developed and runs the Buildings R&D Advanced Buildings Program, creating solicitations which encourage product and integrated solutions for advancing building performance, organizes technical review panels, and manages a wide range of projects focusing on buildings, systems, and combined heat & power (CHP) projects.

Mr. Pedrick has over 23 years of engineering experience in the fields of power systems and generation, distributed control system automation for manufacturing facilities, research and development with specialty in infrared analysis, transmission and distribution system design and industrial energy efficiency. The recent five years of experience have been with Advanced Building features, particularly extreme improvements to building shell and compressor-less dehumidification systems. He has extensive practical field experience with residential buildings, having designed and managed the building of a very high efficient 1,600 sq. ft. timber frame salt box home in the Adirondacks of NY State. The home served as a proving ground for several basic technologies, applied within a very effective, high performance building shell.

In addition to his NYSERDA experience, Mr. Pedrick has worked for Efficiency Vermont, Hazelett Strip Casting Corporation, Radiometrics Corporation, US Army/Cold Regions Research & Engineering Laboratory, Specialty Paperboard & Georgia Pacific, Rock-Tenn Company, Texas Instruments, and Bechtel Eastern Power Corporation.

Mr. Pedrick holds a B.Sc. degree in electrical and computer engineering from Clarkson University in Potsdam, New York, as well an M.S. degree from Dartmouth College in Hanover, New Hampshire.

PATENT AND PUBLICATIONS

1. Painted Rock Reservoir: 1993 Water Surface Area & Storage Capacity Estimate Derived from Landsat Data Classification, by Emily S. Bryant, Robert Bolus, Gregory A. Pedrick, Brian G. Tracy, CRREL Special GIS Report, 99-6.
 2. Performance of Water Spread Limiting and Loose Fill Insulation Federal Agency approved heat distribution systems, by Gary Phetteplace, Susan Kapp Monaghan, Greg Pedrick, In Proceedings 89th Annual Conference of the International District Energy Association, June 13 – 16, 1998.
 3. Condition Assessment for buried heat distribution systems, by Gary Phetteplace, Greg Pedrick, Susan Kapp Monaghan, In Proceedings 89th Annual Conference of the International District Energy Association, June 13 – 16 1998, San Antonio, TX, Washington D.C.
 4. Infrared Analysis of Freeze Rain Icing on Aircraft, by Chuck Ryerson, Greg Pedrick, Remote Sensing Journal, 2001.
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