

Nitin Pathakji

Manager, Central Utilities Group • WM Group Engineers PC



Above and beyond

"I enjoy what I do and am eager to help clients benefit from what I know. I take care and go the extra mile to ensure what I'm doing is in the best interest of my clients."

More about Nitin Pathakji

- > Joined WM Group Engineers as manager, central utilities group, in 2011
- > Has authored numerous papers and case studies on such topics as absorption technology advancements and market trends; combined heat, power and cooling; solar thermal energy; and hot water cogeneration systems
- > Has been a member of project teams for dozens of systems, including Fort Bragg Army Base, Austin Energy, Steinway & Sons, Casino Morongo, Raritan Valley Community College and the City of Baltimore
- > Holds bachelor of mechanical engineering degree from Walchand College of Engineering in Sangli, Maharashtra, India

In his role with WM Group Engineers, Nitin Pathakji is dedicated to helping clients optimize the efficiency of their energy plants, whether new designs or existing operations. In fact, during his 20-plus years of designing, engineering and marketing cogeneration and absorption technologies, system optimization has become his forte.

At WM Group, Nitin oversees the firm's cogeneration engineering practice and spearheads its operator training program, designed to help district energy system clients increase their energy efficiency.

"Many system owners and operators don't realize that there are many opportunities to improve the efficiency of their plant," he says. "It's not their heating and cooling equipment that creates most of the energy savings or efficient plant operations; it is how that equipment is used. That's why I've turned my attention to meet this vital need."

Nitin's breadth of expertise gives him a keen understanding of how the proper system integration can mean the difference between a successful project and an unsuccessful one. Before joining WM Group, Nitin managed sales and engineering for a subsidiary of one of the world's largest absorption chiller manufacturers, where he played an important role in developing new cogeneration, solar, waste heat recovery and absorption applications.

Nitin is ready to engineer "smart solutions that work" for you.

Problem solver, innovator

Nitin has been involved in developing many "first-of-a-kind" technologies in the U.S. market over the course of his career: the first implementation of direct exhaust-driven absorbers, the first solar-based cooling installation, and the first engine-based cogeneration system using multiple sources of energy.

"Advances in absorption technology and controls have made it possible to extract waste energy directly from the turbine or engine exhaust and convert its to a useful form of energy such as chilled water or hot water. This not only improves overall system efficiency, but also makes a project more viable through substantial savings on the initial investment."

— Nitin Pathakji

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