



MEMBER SPOTLIGHT

Holtec

Apr 2025





Jupiter, Florida



Introduction

Holtec International is a privately held technology company with US operation centers in Florida, New Jersey, Ohio and Pennsylvania, and globally in Brazil, Canada, India, Japan, Mexico, South Africa, Spain, U.K. and Ukraine. Since 1986, Holtec has revolutionized the energy sector, offering innovative solutions to address technical hurdles worldwide. Notably, Holtec's advancements in nuclear fuel storage have increased capacity, benefiting over 110 reactor units. Over 145 nuclear units globally – 80 in the US -- rely on Holtec's technology for spent fuel storage and transportation. Holtec's core business also focuses on the safe and efficient decommissioning of shuttered nuclear plants; which include Indian Point, Pilgrim and Oyster Creek. Embracing a holistic, proactive approach, Holtec accelerates decontamination and dismantlement, paving the way for a swifter transition to clean energy alternatives. Holtec's Palisades Energy Center exemplifies this commitment by repowering the 840mw unit and adding two Holtec SMR-300s – a 300-megawatt small modular reactor designed for reliability and sustainability. As a major supplier of special-purpose pressure vessels and critical-service heat exchange equipment, Holtec provides air-cooled condensers, steam generators, feedwater heaters, and water-cooled condensers. With a comprehensive portfolio, and in-house expertise spanning design to construction, Holtec continues to champion clean, dependable, and carbon-free power worldwide.

About Holtec

- Holtec is vertically-integrated supplier that possesses in-house capabilities to design, engineer, analyze, license, fabricate and perform on-site construction.
- Holtec is one of America's largest exporters of capital equipment for the nuclear industry. It is also among the largest manufacturers of ASME Code components.
- Holtec has evolved into the leading owner of decommissioning facilities. Not only that, Holtec is in the process of repowering its shuttered Palisades Power Plant – a global industry-first.
- Holtec's engineers helped develop the modern ASME Code, HEI and TEMA standards for design and construction parameters for shell and tube heat exchangers, water-cooled and air-cooled condensers.
- Holtec partnership with Baynuna Nuclear Energy Services has formed HoltecMENA centralized in Abu Dhabi to provide regional services focused on Nuclear Maintenance and Modification Services.
- Holtec core competence such as wet storage and dry storage of used nuclear fuel, on-site storage of nuclear waste, supply of custom engineered heat transfer equipment for nuclear and non-nuclear power plants, supply of capital equipment such as the reactor vessel, steam generators, pressurizer used in nuclear power plants.
- HolteMENA Small Modular Reactor-300 program development focused on manufacturing and construction of advanced nuclear generation units. Bringing SMR-300 design and generation to the U.A.E.

Fast Facts



11

Located in 11 countries
around the world



4

manufacturing facilities
(three in the U.S. and one in India)

1 million ft²

of manufacturing space



200

patents in areas of equipment
designs, fabrication processes,
and materials

Leadership



Dr. Rick Springman

**President of the
Global Clean Energy
Opportunities Division,
Holtec International**

Dr. Rick Springman leads Holtec's Global Clean Energy Opportunities division, where he drives strategy, new project development, and commercial structures for deploying our innovative clean energy technologies worldwide. This includes overseeing our groundbreaking Small Modular Reactor, SMR-300.

In his role as Senior Vice President of International Projects, Dr. Springman spearheads the development, management, and execution of international projects. He oversees the supply of highly engineered capital equipment and services to energy utilities across South America, Europe, the UK, MENA, Africa, and East Asia. Reporting directly to the President/CEO, he plays a crucial role in shaping Holtec's global presence.

Dr. Springman's technology-driven approach ensures the successful advancement of projects related to small modular reactors, decommissioning, spent fuel and waste management, heat transfer equipment, and energy storage technologies. His leadership extends to strategic business development, government relations, and strengthening partnerships while expanding Holtec's global supply chain.

Under Dr. Springman's guidance, Holtec has established numerous international operations, including Holtec Britain Limited, Holtec do Brasil, Holtec Europe in Madrid, Holtec Japan in Tokyo, and the Holtec South African branch. His contributions to corporate strategy, new ventures, and product development underscore his pivotal role in Holtec's growth and innovation.

Website

Holtec

<https://holtecinternational.com/>



Links

[Holtec YouTube channel](#)



[Holtec highlights](#)



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