

EMSI Provides Energy Management Services to National Art Museum of China

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EMSI has completed an energy audit and analysis for the National Art Museum of China (NAMOC). As part of the audit EMSI developed energy management strategies for the building to assist NAMOC with reducing energy consumption and associated utility costs. EMSI's analysis focused on lighting upgrades, improved chiller sequencing and operational schedules, optimized economizer controls, and fan motor efficiency.

The National Art Museum of China building was built in 1963. The Museum focuses on collection, exhibition, and research of modern and contemporary fine art. The museum is the largest gallery of fine art in China. The museum has a total area of over 180,000 ft², and boasts a collection of more than 60,000 works of art. In addition to collecting and displaying artwork, the museum also conducts research and academic exchanges with domestic, foreign, and international art institutions.

EMSI's role in the project was to assist in upgrading electrical and mechanical systems, as well as the building envelope, while maintaining the existing traditional structure.

EMSI's services are being donated by Carrier Corporation and United Technologies (UTC) as part of a sponsorship agreement between UTC and the National Museum.

About EMSI

EMSI provides planning, architectural and engineering services that focus on creating energy efficient, resource conscious, healthy and productive buildings and neighborhood developments. Our mission is to foster a global sustainable built environment by helping to create developments that are economically beneficial and environmentally responsible. EMSI is a leading sustainable design consulting firm having completed LEED™ design for a wide range of building types totaling over 30 million ft² in construction area. Our clients include Fortune 500 companies, as well as some of the world's leading A/E firms and commercial real estate developers. EMSI is part of Carrier Corporation. For more information on EMSI please visit www.emsi-green.com.