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Energy & Power Management



Credit Suisse Recognized By New York

March 2, 2006

NEW YORK—Credit Suisse, a leading global investment banking and financial services firm recognized by state and city of New York officials for installing New York City's largest ice storage based air-conditioning system, which delivers dramatic energy savings. Officials the New York State Energy Research and Development Authority (NYSERDA), who helped the project, praised company officials for their commitment to energy efficiency and the environment. The system, which was unveiled at a ceremony held at the Credit Suisse N headquarters, located at 11 Madison Avenue, will lower the facility's peak energy usage kilowatts (kW) and reduce overall electric usage by 2.15 million kilowatt-hours.

"I am pleased that Credit Suisse's efforts to conserve energy by acting in an environmentally responsible manner have been recognized by New York," said Brady Dougan, CEO of the Investment Banking Division of Credit Suisse. "Sustainable economic growth and the conservation of natural resources are major priorities of our bank which has had an environmental policy in place since 1995."

Faced with the life-cycle replacement of outdated chiller plant equipment, Credit Suisse explored the prospects of a high-performance building that addressed the overall goals of Savings, Improved Resiliency, and Environmental Consciousness. As part of this plan to improve the building's energy performance, Credit Suisse brought in Trane Company to develop an energy solution that would meet their three main project objectives. Trane Company, with the help of ECM, proposed a thermal storage solution that would shift the electrical load from daytime to nighttime when electricity is more plentiful, less expensive and generated more efficiently. In addition, the system would also reduce consumption and demand via a more efficient low flow/low temp chilled water operation, and an expanded free cooling season possible by the Ice System's ability to facilitate the transition between free cooling and mechanical cooling.

The new system configuration consists of three 800-ton Trane CenTraVac Chillers and 64 IceBank Thermal Storage Tanks from CALMAC. EYP Mission Critical Facilities provided the electrical and mechanical engineering needed to support the 7x24x365 operations of the

The system also provides energy reliability for the city's power grid e&pm



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