Congratulations to

VORNADO
REALTY TRUST

On Tuesday, November 16, 2010, Vornado Realty Trust, a valued member of the Steven L. Newman Real Estate Institute’s Advisory Board, officially started its new cogeneration plant at One Penn Plaza in New York City. This 6.2 MW project now provides 60% of the 55-story building’s electricity requirements and offsets 30% of the building’s steam requirement. It is the largest existing “Cogen” project in a New York City office building.

Cogeneration is also known as combined heat and power or “CHP.” A heat engine or a power station generates both electricity and useful heat. It is one of the most common forms of energy recycling.

At One Penn Plaza, the CHP system is state-of-the-art and consists of three 2.055 KWe reciprocating engines and three Heat Recovery Steam Generators (HRSGs), all housed in a sound-attenuated enclosure. The turnkey CHP system is installed on an open setback roof atop the low-rise portion of the building.