

MAKING BUILDINGS BETTER



181 WEST MADISON, CHICAGO

Architect: Cesar Pelli

Project Type: Comprehensive Turnkey Solution

Customer Challenges:

The building was researching ways to reduce energy costs. When ComEd announced the energy reduction incentive program, the customer realized that the Trane VFD project would become a great cost effective solution.

Trane Solutions to the Challenges of the Project:

Trane performed a harmonic analysis to ensure that the VFD's would not cause interference with the existing building systems. A trend log was initiated upon completion of the installation. This trend tracks analog signals used to change speeds of the fan motors. Trane has verified the energy savings and the aggressive return on investment which met the owners expectations.

Unique Features About the Project:

Trane's electrical subcontractor was able to complete the installation significantly quicker than anticipated, resulting in less interruption for the building tenants. The drives were integrated into the existing control system.

Why Did the Customer Choose Trane:

Trane submitted the most cost effective and all inclusive proposal. The building management company was very confident in Trane's abilities. Trane's past performance ensured the owner that Trane was cable of doing the project.

Trane Equipment & Controls:

Retrofit installation of 34 variable frequency drives on the individual air-handling units serving tenant spaces. Per contract, Trane had a performance guarantee on the installation of equipment.

COMMERCIAL