

CLIENT

**HOECHST
CELANESE
CORPORATION**

LOCATION:

Summit, NJ



CONSTRUCTION VALUE:
\$1.2 Million

1800-TON CHILLER PLANT

PROJECT DESCRIPTION

The project involved a 1800-Ton Chiller Plant and distribution piping to feed all buildings in the Campus. A new Mechanical Room was constructed for the Chiller. Piping distribution network was integrated with existing 8-year old 1000-Ton Chiller Plant located in a separate building.

Vertical split case Chilled Water and Condenser Water Pumps were used to minimize the space requirement of new Mechanical Room.

Chiller Plant optimization was achieved by continuously monitoring and controlling several parameters such as Chilled Water Flow, Delta-T, Cooling Tower Fans etc.