



## CONNECTICUT DEPARTMENT OF PUBLIC SAFETY BUILDING

**“IN THE PAST THE LIGHTING  
SYSTEMS REMAINED  
“ON “ CONSTANTLY,”**

In 1996 Connecticut Light & Power Company introduced an Energy Cost Saving Program to the State of Connecticut. Lawrence Mechanical, PC of New Canaan, CT prepared an comprehensive Energy Analysis Survey identifying significant opportunities to reduce the electrical consumption at this impressive fifteen year old 110,000 square foot three-story structure that houses the Connecticut Department of Public Safety.

The Energy Survey concluded that installing high efficiency motors on the HVAC equipment, up-dating the lighting systems, and installing Occupancy Sensors would lower the \$270,000 annual electrical operating costs by 15%.

Paquette Electric Company of Pomfret, CT was awarded the contract in 1997 to put in nearly 1,500 Model T-12 fixtures with 2-lamp electronic low power ballasts and automate the lighting by installing 400 Sensor Switch occupancy sensors throughout this office building.

Ms. Sharon Gosler has managed the operation of this building for the past five years. Sharon recently explained, “in the past lighting systems remained “On” constantly, and the lights would only be turned “Off” if the last person leaving each floor took the time to shut off the switch! A high level of maintenance was required for the lighting systems. During the past two years, the Sensors have functioned extremely well and these automatic controls have noticeably reduced the need to replace lamps.”