The **United States Green Building Council (USGBC),** a non-profit, consensus based organization of building and scientific professionals began a program in March, 2000 to promote building and building operation with sustainable principles. The **Leadership in Energy and Environmental Design (LEED)** Green Building Rating System was developed.

Through credits achieved by utilizing efficient practices in the areas of: Sustainable Sites, Water Efficiency, Energy and Atmosphere, Materials and Resources, Indoor Environmental Quality, and Innovation & Design a building or building project is rated for the impact it has on the on the environment. A building is eligible for Certification after meeting a minimum of the requirements. A platinum rating is the highest level.

It has become an international standard for Building Performance.

Building construction and reconstruction projects which establish and use more sustainable principles are rated higher. D.P.W. goals include application for LEED Certification on current and future building projects.

Some of the measures that D.P.W. has implemented are:

-The chiller plant at the City Hall Complex has been upgraded to improve efficiency and reduce CFC's.

-Load shedding has been implemented which reduces the peak electrical demand.

-An extensive vegitated roof approx. 17,000 sf. was installed on the 809 Broadway building with additional insulation reducing heating and cooling loads as well as stormwater runoff.

-Vending misers were installed on all vending machines at the City Hall Complex to turn them off when the buildings are not occupied.

-Personal space heaters have been prohibited at the City Hall Complex and about 130 were removed reducing the yearly consumption by approx. 75600 kWh.

-Most lighting fixtures in the downtown offices have been changed from T12 lamps to T8 and all downlighting has been converted to compact fluorescent lamps.

-Occupancy sensors are used at many locations to automatically turn offf lights and timeclock "sweeps" are used to ensure that lights are off when the buildings are not occupied.

- A steam to hot water heat exchanger has been ugraded and an annual steam trap survey has been established to verify optimal use of the district steam.

-A program for standardized use of premium efficiency motors and variable frequency drives on air handling units and hot and cold water pumps has resulted in a considerable reduction in energy costs.

-Carbon dioxide sensing at the garage levels controls the demand for ventilation.

-At the City Hall Building single pane glazing is being replaced with insulated glazing.


Condemnation section


BIKE EXPO
MARCH
19-22
ENTRANCE