



350 WEST MART CENTER THE STATISTICS FOR LEED GOLD CERTIFICATION

RECYCLING & WASTE:

- Over the course of 9 months (10/1/08-6/30/09), 350 WMC recycled 237 tons of paper, equivalent to saving the following amounts of natural resources:
 - 4,029 trees
 - 65,176 pounds of sulfur
 - 82,950 pounds of limestone
 - 2,133,000 pounds of steam
 - 14,220,000 gallons of water
 - 53,325 kilowatt hours of energy
 - 782 cubic yards of landfill space, which is equivalent to 12,150 13-gallon trash bags.
- Over the course of a year, 150 tons of construction & demolition debris was diverted (90% of total C&D waste stream) from landfills.

ENERGY AND INDOOR AIR QUALITY:

- ENERGY STAR Certification anticipated in September, signifying that the building's energy performance rates in the top 25 percent of facilities nationwide.
- 350 West Mart Center saw an overall energy use reduction of 10%.
- Based on projects identified and implemented as an important component of the LEED certification process, 350 West Mart Center reduced annual electric energy consumption by approximately **4.9 million kWh**. This is enough energy to meet the electric needs of **500** homes for a year.
- Permanent CO₂ monitors are being installed in all of the 54 air handlers within the 350 West Mart Center including the commercial areas and the Holiday Inn.

The CO2 monitors will allow for better monitoring and control of outdoor air volumes to control CO2 levels and maintain optimized indoor air quality.

- As part of the LEED certification process, the management and engineering staff of the 350 West Mart Center building worked to develop a comprehensive Commissioning Plan. The Commissioning Plan will be used to drive continuous improvement that will ensure that the facility maintains and more importantly increases its high level of energy efficiency.
- Installation of the CO2 sensors will also allow 31 of the 54 fan units that are equipped with variable speed drives to reduce delivered air volumes when people space densities are reduced. The reduction in delivered air volumes will result in significant reductions in fan energy requirements.
- The Holiday Inn is installing solar film on many of its windows to reduce solar heat gain and thus reduce air conditioning load on the building. The installation of the solar film will also create a better thermal climate in many areas of the hotel.

WATER:

- 2.4 million gallons of water saved annually over LEED baseline scenario, enough to fill 3.7 Olympic-sized swimming pools or do 60,000 loads of laundry.

TRANSPORTATION:

- Each day, regular building occupants collectively avoid approximately 6,100 roundtrip single-occupant car commutes and instead take public transportation, carpool, bicycle, or walk.
- Estimates indicate that in one year, 350's occupants save approximately 1 million gallons of gasoline by using alternative commuting transportation, or over 20 million pounds of carbon dioxide emissions.

PURCHASING:

- 48% of furniture purchases and 60% of facility alterations & additions (build-out) materials met LEED sustainability criteria.

INNOVATION:

- Creation of the Green Forum program in pursuit of an education innovation credit. Building management offers 2 free full-service space rental occasions in the Merchandise Mart Conference Center (located in the walkway between 350

West Mart Center and the Merchandise Mart) to sustainability-related organizations, giving first priority to nonprofit organizations. Green Forum events hosted so far have generated an average of 100 attendees and very positive response from both the host organizations and attendees.

- Source: Delta Institute