

Broward County Co-Sponsors Clean Cities Conference

Our pledge to protect the environment was evident again on September 22, as Broward County served as co-sponsor for the Florida Gold Coast Clean Cities Coalition



'Stakeholders' Commitment Renewal Event' held at the Broward County Convention Center. As Vice-Chairman of Clean Cities Coalition, Jim Flood, Director of Office of General

Services provided introductions to the day's event and key participants. Other local governments followed Broward County's lead in renewing their commitment to the program (U.S. Department of Energy sponsored) through the signing of the Memorandum of Understanding.

Part of the ceremony included the presentation of a 'Certificate of Recognition' to Broward County "In recognition of continuous effort in



promoting and deploying alternative fuel vehicles and refueling infrastructure. Fifth Year Anniversary."

Both Don Steigerwald, AFV Supervisor and Skip Brown, AFV



Specialist provided their expertise as speakers at the afternoon 'Advancing the Alternative Fuel Vehicle Choice Workshop.'

Other Broward County agencies in attendance were members from Planning and Environmental Protection, Aviation, and Mass Transit.

Lighting Upgrades Improve Facilities & Reduce Costs

In the past several months, energy management has completed lighting upgrades in numerous facilities that has both improved the quality of lighting while dramatically reducing the operational costs.

More than \$206,000 was invested in lighting upgrades in 17 Broward County buildings reducing our electric load by 291 kW with resulting annual energy cost savings projected at more than \$130,000. Return on investment for this project is

63% (which pays for itself in less than two years).

The retrofit project involved replacement of T-12 fluorescent lamps and magnetic ballasts with the more technologically advanced T-8 lamps and electronic ballasts. With the addition of high-polished reflectors, we were able to remove half the lamps in existing 4-lamp 2x4 fixtures while also achieving increased amounts of light from each of the luminaires.

Rebates from Florida Power & Light were assigned

directly to the vendor and helped lower the total bid on the established price agreement for the project. Once the bidding process for the project was completed, the investments were quickly made and the savings began to accumulate for Broward County.



Bill Wier, Energy Engineer, managed the lighting upgrades in County Facilities.

Alternative Fuel Vehicle Performance Update

Fiscal Year 1999 to Date:

Miles Driven	Fuel Cost Savings
CNG 218,764	CNG \$2,389
FV 70,298	FV \$3,585
LPG 71,973	LPG \$1,451

Next Issue:

Completion of
BSO Detention
Facilities
Energy Project

Energy Star Buildings Update

Pollution Prevention for FY99

CO2	14,150,083 lbs
SO2	65,090,384 grms
Nox	23,583,472 grms