

Why Green Purchasing?

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Presentation Outline

- What is Green Purchasing?
- Case Study:
 - St. Mary's Hospital, Cambridge, Ontario
- Case Study:
 - University Health Network, Toronto, Ontario
- Case Study:
 - Group Purchasing Organizations

What is Green Purchasing?

- The integration of environmental considerations into existing purchasing practices which include:
 - product safety,
 - price,
 - performance and,
 - availability.

Example: Energy Star Hospital Partner Saves Money

- Columbia/HCA Healthcare Corporation, USA, 1997 ENERGY STAR Healthcare Corporation of the Year Award
- The company has implemented lighting upgrades in more than 100 hospitals and plans to upgrade many more as it strives to cost-effectively deliver the highest quality patient care.

Example: Energy Star Hospital Partner Saves Money (cont.)

■ **Project Costs**

- Total Expenditures \$ 27,731,572
Dollars Per Square Foot \$.78
Total Square Footage Upgraded:
35,478,027

■ **Cost Savings**

- Annual Dollar Savings: \$7,800,829
- Dollar Savings Per Square Foot: \$0.22
Internal Rate of Return (IRR): 35%

■ **Energy Savings**

- Annual kWh Savings: 133,889,711

■ **Pollution Prevention**

- Carbon Dioxide (lbs): 190,021,772
Equivalent Cars: 19,002

Example: Hackensack University Medical Center, New Jersey, USA

- 641 bed teaching/research hospital, key affiliations: New Jersey Children's Hospital, Center for Pediatric Oncology
- Developed 'Greening the Cleaning' program with 5 main goals:
 - Toxicity reduction: replaced 18 of 22 cleaning products that produced odors and emitted chemicals that contributed to poor indoor air quality
 - Quantity reduction: fewer cleaning products being ordered while maintain the highest quality of safety and services

Example: Hackensack University Medical Center, New Jersey, USA

- Waste minimization: products shipped in reusable/recyclable containers
- Cost reduction: By buying in bulk, and in some cases using lower dilution levels, have seen initial savings of about 8% (are expecting 15%); other cost savings in fewer employee sick days
- Space reduction: Buying in bulk, diluting them onsite to spec; One centrally located bulk storage area

Green purchasing can be used to help..

- protect the health and safety and improve indoor air quality of employees, & patients;
- reduce the impact on our environment;
- save money by reducing operating, management, and disposal costs;
- meet government initiatives to reduce greenhouse gases and other pollutants;
- your facility be seen as a community leader in support of environmental initiatives.