

PURCHASING THAT SAVES MONEY



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Money-saving Eco Purchasing Strategies

Resource Conservation

- Energy conservation

- Water conservation

Less waste and hazardous waste generation

- Lower tipping fees

- Less hazardous waste processing

Save costs in other areas

- Health and safety related costs

Energy Conservation

- **Energy Efficiency**
 - ✧ LED Streetlights
 - ✧ Alternate-fuel vehicles
 - ✧ Solar Trash compactors
- **Renewable Energy**
 - ✧ Power Purchase Agreements



Water Conservation

- ⊗ Low-flow appliances and fixtures
- ⊗ Drought-tolerant landscaping
- ⊗ Bottled Water

Water Saving Fixtures (gpd)

- .. CII ULFT – 27.1
- .. CII HET – 32.5
- .. Dual-Flush: 30% better than a ULFT
- .. CII Washer – 86.5
- .. CII Urinal – 22
- .. Pre-Rinse Sprayer – 156
- .. CII dishwasher – 178

Waste Generation

- Solid Waste

- ✧ Remanufactured Toner Cartridges
- ✧ LED Streetlights

- Hazardous Waste Generation

- ✧ Rechargeable Batteries
- ✧ Refillable auto shop products
- ✧ LPS Streetlights



Indirect Cost Savings

- Environmental Health and Safety Costs
 - ⊗ Reducing exposure to synthetic chemicals can decrease sick days and workers comp costs.
- Embedded Energy Costs
- Utility Costs
- Insurance/Liability

Local Organic Food

Used by our Senior Meal Program and
Convention Center

Cost difference is
coming down



How do you Know what You've Saved?

· Environmental Benefits Calculators

- ⊗ EPEAT (EPEAT.net)
- ⊗ Biodiesel (biodiesel.org)
- ⊗ Recycled Paper Content (EDF)

· Challenges

- ⊗ DATA!





List of Products

[*help*](#)

Name of Building: ABC Building

Title of Your Estimate: Green Saving

Address: 111 Street, New City, MA 11223

Enter product weights here.
Use the converter to find out
the weight in pounds.

====> List the Cleaning Products That You Use

| | Do You Use This Product? | Your Estimated Annual Amount (lbs/yr) | GS-37 or GS-40* | Aerosol Cans* | Ready to Use Containers | Concentrates | | Haz Mat % |
|------------------------|--|---------------------------------------|--|----------------------------------|----------------------------------|----------------------------------|-----------|--------------------------------|
| | | | | | | Hand Mix | Dispenser | |
| Hard Floor Care | | | | | | | | |
| Sealer | <input type="radio"/> Yes <input checked="" type="radio"/> No | <input type="text" value="0"/> | <input type="radio"/> Yes <input checked="" type="radio"/> No | N/A | <input checked="" type="radio"/> | <input type="radio"/> | N/A | <input type="text" value="0"/> |
| Floor Finish | <input type="radio"/> Yes <input checked="" type="radio"/> No | <input type="text" value="0"/> | <input type="radio"/> Yes <input checked="" type="radio"/> No | N/A | <input checked="" type="radio"/> | | N/A | <input type="text" value="0"/> |
| Finish Restorer | <input type="radio"/> Yes <input checked="" type="radio"/> No | <input type="text" value="0"/> | <input type="radio"/> Yes <input checked="" type="radio"/> No | N/A | <input checked="" type="radio"/> | <input type="radio"/> | N/A | <input type="text" value="0"/> |
| Stripper | <input type="radio"/> Yes <input checked="" type="radio"/> No | <input type="text" value="0"/> | N/A | N/A | <input type="radio"/> | <input checked="" type="radio"/> | N/A | <input type="text" value="0"/> |
| Baseboard Stripper* | <input type="radio"/> Yes <input checked="" type="radio"/> No | <input type="text" value="0"/> | N/A | <input checked="" type="radio"/> | | | N/A | <input type="text" value="0"/> |
| Neutral Floor Cleaner | <input type="radio"/> Yes <input checked="" type="radio"/> No | <input type="text" value="0"/> | <input type="radio"/> Yes <input checked="" type="radio"/> No | N/A | <input type="radio"/> | <input checked="" type="radio"/> | N/A | <input type="text" value="0"/> |
| Dust Mop Spray* | <input type="radio"/> Yes <input checked="" type="radio"/> No | <input type="text" value="0"/> | N/A | <input checked="" type="radio"/> | <input type="radio"/> | N/A | N/A | <input type="text" value="0"/> |

Use this amount for estimating hazmat content, or enter your own information.

If you choose GS-37 or GS-40, then you might also have to change the hazmat %. Check the MSDS.

Environmental Benefits

| Benefits | Greenhouse Gas Reductions (Pounds) | Waste Reduction (Pounds) | Energy Savings (KwH) | Financial Savings |
|-------------|--|-----------------------------------|------------------------------------|-------------------------|
| Total | 2,477,368 | 178,446 | 917,312 | 54,700 |
| Equivalence | The annual emissions of 215 passenger cars | The annual waste of 109 Americans | 2300 47" LCD TVs annual energy use | 1.6 Nissan Leafs (MSRP) |