



www.greentechenergy.com

CASE STUDY

Charming Shoppes

NY, PA, NJ, CA,

Charming Shoppes, a national retailer, hired GreenTech Energy Services to upgrade the lighting in its Fashion Bug, Catherines, and Lane Bryant stores through the Midatlantic and Western regions. By replacing all T12 fluorescent lights with T8's, the stores saved energy, reduced carbon emissions, and also took steps to meet federally mandated energy efficiency standards now in effect. While using less energy, the new lights actually improved the level and quality of lighting, creating a safer, more comfortable work environment for employees and an enhanced shopping experience for customers. The project also simplified the procurement process, since the inventory is now uniform and the stores need only keep one type of fixture in stock.



Employees in stores that have already been retrofitted report that spaces appear brighter and more evenly lit, with less glare and flickering. GreenTech has taken all possible measures to work around our schedules and keep the work areas clean and quiet.

Anthony Celona, Project Manager

THE SAVINGS	
Total Program Costs	\$24,896
Total Payback Period	1.7
Utility Rebate	\$5,000
EPACT Tax Savings	\$6,000
KW Saved	15
KWH Saved	67,834
Energy Cost Savings	\$7,462
Operational Cost Savings	\$747
Total Savings	\$8,209

ENVIRONMENTAL IMPACT	
Reduction in Carbon Dioxide (pounds)	101,752
Reduction in Sulfur Dioxide (grams)	379,873
Reduction in Nitrogen Oxide (grams)	169,586

GreenTech Energy Services
 122 East Kings Highway, Suite 503
 Maple Shade, NJ 08052
 P: 856-439-9400, F: 856-778-1668