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that was easy.<sup>sm</sup>

## STAPLES RETAIL STORE - Yonkers, New York

	Room	Area	Pre-Meter Reading	Post Meter Reading
	Location	Area	Reading	Reading
1.	Sales Floor	Exit Area	20.2	61.8
2.	Sales Floor	Check out	19.1	67.5
3.	Sales Floor	Front Center Display	34.1	72.1
4.	Sales Floor	Center Display	29.2	64.9
5.	Copy Center	Front	35.5	56.0
6.	Copy Center	Rear	12.8	66.5
7.	Sales Floor Aisles	Left Center	36.8	59.4
8.	Sales Floor	Left Rear	48.4	57.2
9.	Sales Floor	Center Rear	29.6	54.4
10.	Sales Floor	Center	24.9	54.2
11.	Sales Floor	Right Center	18.1	51.8
12.	Sales Floor	Right Rear	42.0	59.2

Staples, one of the nation's largest office supply companies, hired GreenTech Energy Services to upgrade the lighting in its retail stores throughout the country. In the Yonkers, NY, store, the overall lighting was very poor, and some of the T8 fluorescent lamps were off-color. Those T8s were re-lamped to bring them into compliance with Staples' standards. In other areas, 175-watt metal halide high bays were replaced with new linear fluorescent fixtures. After the retrofit, lighting throughout the store was crisp, white and even, and footcandle readings showed improved light levels in all areas. The project produced some energy savings and eliminated obsolete equipment.

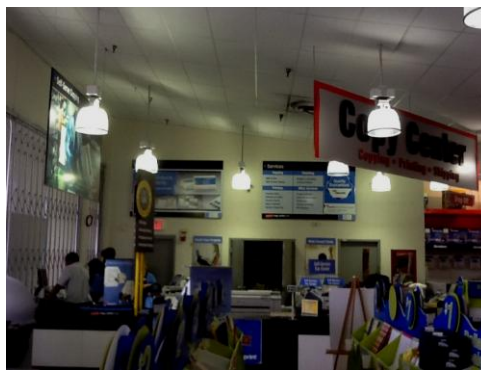
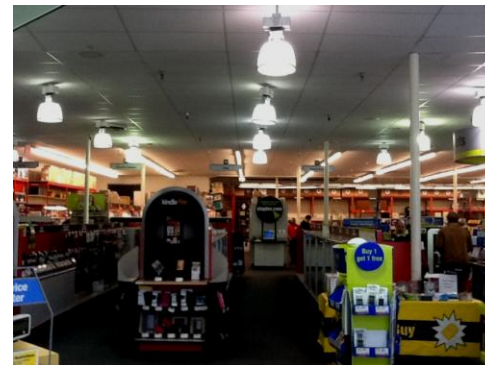
### Energy & Cost Savings:

- Program Cost-----\$19,448
- KWH Saved-----8,097
- Energy Cost Savings---\$809
- Operational Savings---\$778
- Total Savings-----\$1,587

### Environmental Impact:

- Reduction in Carbon Dioxide (pounds)-----12,145
- Reduction in Sulfur Dioxide (grams)----- 45,341
- Reduction in Nitrogen Oxide (grams)-----20,241

## BEFORE LIGHTING RETROFIT



## AFTER LIGHTING RETROFIT

