Select Your State: New York

Select Your Nearest City: Buffalo

Type of Business:

Commercial: Hospitals   **Industrial:** Select a Segment

Benchmark Data for Hospitals

Hospitals: Typical Energy Use and Carbon Output for similar businesses in your area.

Electric

Lighting	29.00%
Cooling	25.90%
Other	17.50%
Ventilation	16.10%
Cooking	4.20%
Office Equip.	3.10%
Refrigeration	2.90%
Heating	0.70%
Water Heating	0.60%

Natural Gas

Heating	49.20%
Water Heating	31.10%
Cooking	12.40%
Cooling	6.60%
Other	0.70%
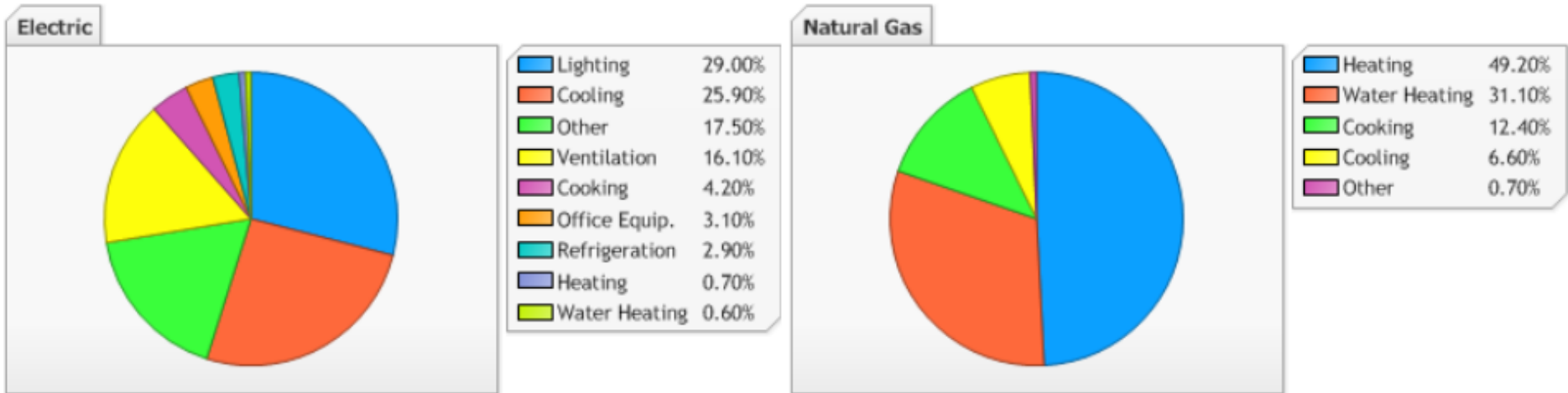
Annual Electric Use: 12,700,000 kWh
Annual Natural Gas Use: 612,000 therm
Average Facility: 500,000 sqft
Electric Intensity: 25.40 kWh/sqft
Natural Gas Intensity: 122.40 kBtu/sqft
Total Building: 209.06 kBtu/sqft
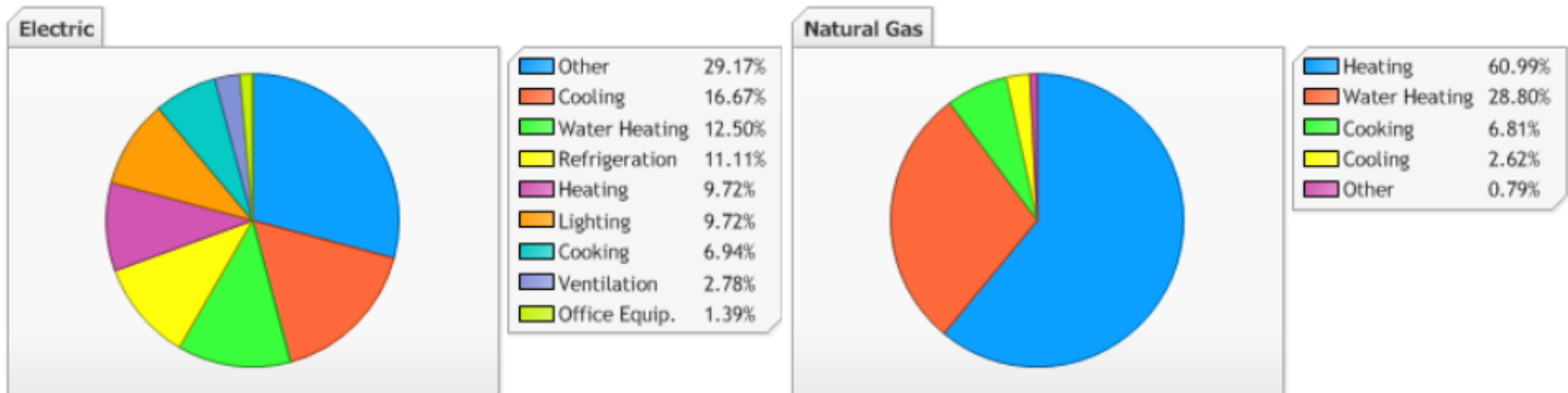**Typical Carbon Output:** 7,722 metric tons CO2

Select Your State: New York

Select Your Nearest City: Buffalo

Type of Business:

Commercial: Multi-Family Apartments   **Industrial:** Select a Segment

Benchmark Data for Multi-Family Apartments

Multi-Family Apartments: Typical Energy Use and Carbon Output for similar businesses in your area.

Electric

Other	29.17%
Cooling	16.67%
Water Heating	12.50%
Refrigeration	11.11%
Heating	9.72%
Lighting	9.72%
Cooking	6.94%
Ventilation	2.78%
Office Equip.	1.39%

Natural Gas

Heating	60.99%
Water Heating	28.80%
Cooking	6.81%
Cooling	2.62%
Other	0.79%

Annual Electric Use: 446,400 kWh
Annual Natural Gas Use: 23,684 therm
Average Facility: 62,000 sqft
Electric Intensity: 07.20 kWh/sqft
Natural Gas Intensity: 38.20 kBtu/sqft
Total Building: 62.77 kBtu/sqft
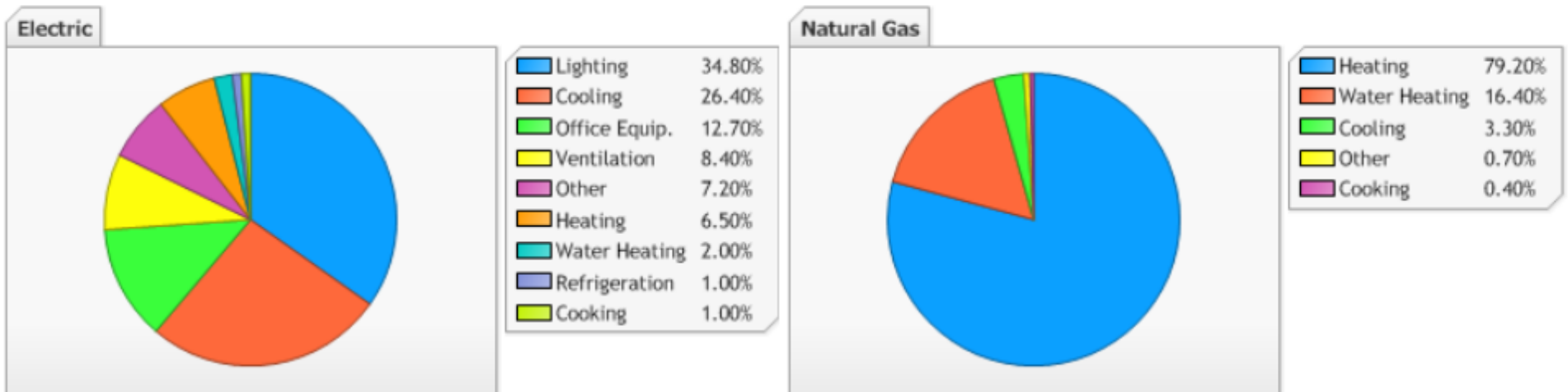**Typical Carbon Output:** 283 metric tons CO2

Select Your State: New York

Select Your Nearest City: Buffalo

Type of Business:

Commercial: Small Office Buildings   **Industrial:** Select a Segment

Benchmark Data for Small Office Buildings

Small Office Buildings: Typical Energy Use and Carbon Output for similar businesses in your area.

Electric

Lighting	34.80%
Cooling	26.40%
Office Equip.	12.70%
Ventilation	8.40%
Other	7.20%
Heating	6.50%
Water Heating	2.00%
Refrigeration	1.00%
Cooking	1.00%

Natural Gas

Heating	79.20%
Water Heating	16.40%
Cooling	3.30%
Other	0.70%
Cooking	0.40%

Annual Electric Use: 445,200 kWh
Annual Natural Gas Use: 14,812 therm
Average Facility: 28,000 sqft
Electric Intensity: 15.90 kWh/sqft
Natural Gas Intensity: 52.90 kBtu/sqft
Total Building: 107.15 kBtu/sqft
Typical Carbon Output: 235 metric tons CO_2

Select Your State: New York

Select Your Nearest City: Buffalo

Type of Business:

Commercial: Small Retail **Industrial:** Select a Segment

Benchmark Data for Small Retail

Small Retail: Typical Energy Use and Carbon Output for similar businesses in your area.

Electric

■	Lighting	46.80%
■	Cooling	24.90%
■	Heating	7.80%
■	Ventilation	5.60%
■	Refrigeration	5.10%
■	Other	4.20%
■	Office Equip.	2.40%
■	Water Heating	2.10%
■	Cooking	1.10%

Natural Gas

■	Heating	69.20%
■	Water Heating	16.90%
■	Cooking	10.90%
■	Other	1.90%
■	Cooling	1.10%

Annual Electric Use: 141,620 kWh
Annual Natural Gas Use: 5,170 therm
Average Facility: 9,700 sqft
Electric Intensity: 14.60 kWh/sqft
Natural Gas Intensity: 53.30 kBtu/sqft
Total Building: 103.12 kBtu/sqft
Typical Carbon Output: 77 metric tons CO_2

Source: EIA energy intensity data from CBECS and MECS, EPRI, and other third party energy use datasets.

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Carbon Footprint Calculator

Carbon Footprint
CALCULATOR

Insightful businesses incorporate environmentally friendly practices to increase the company's productivity, profitability, and sustainability, as well as to reduce the negative environmental impact of daily operations. Use the Carbon Footprint Calculator to discover what effect your facility's operations have on the environment. The calculator provides an estimate of how much of your company's carbon footprint can be reduced based on certain proactive steps you can choose to lower your energy use.

To begin, select your state, nearest city, and then type of business from the drop-down lists. Benchmark data will be displayed. You will then have the option to calculate your specific carbon footprint and look at ways to reduce it.

Watch how your facility's carbon footprint decreases with each improvement!
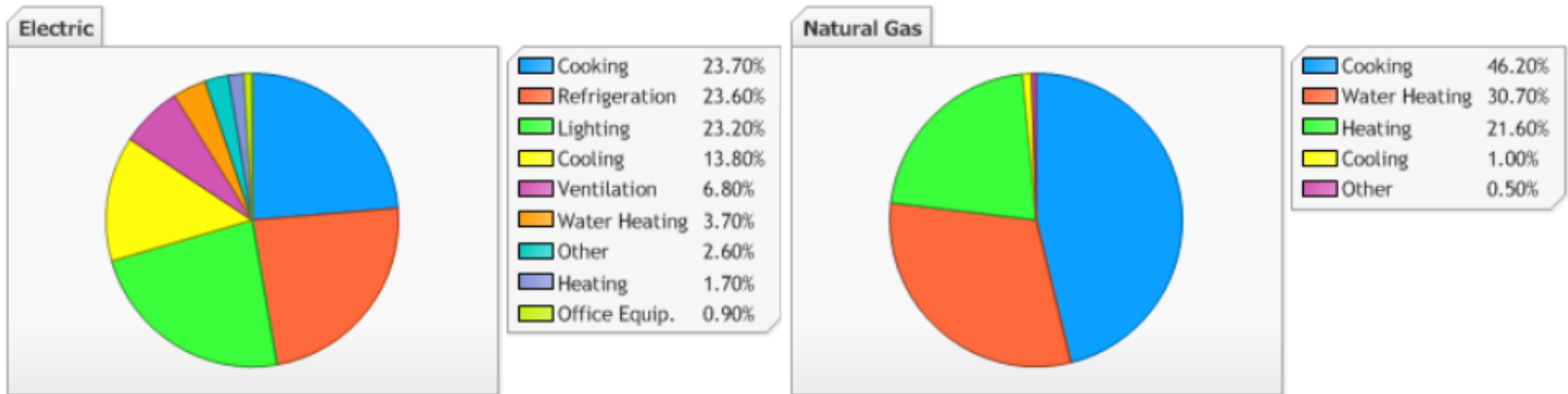
Select Your State: New York

Select Your Nearest City: Buffalo

Type of Business:

Commercial: Restaurants **Industrial:** Select a Segment

Benchmark Data for Restaurants

Restaurants: Typical Energy Use and Carbon Output for similar businesses in your area.

Electric

	Electric	
	Cooking	23.70%
	Refrigeration	23.60%
	Lighting	23.20%
	Cooling	13.80%
	Ventilation	6.80%
	Water Heating	3.70%
	Other	2.60%
	Heating	1.70%
	Office Equip.	0.90%

Natural Gas

	Natural Gas	
	Cooking	46.20%
	Water Heating	30.70%
	Heating	21.60%
	Cooling	1.00%
	Other	0.50%

Annual Electric Use: 255,600 kWh

Annual Natural Gas Use: 10,278 therm

Average Facility: 6,000 sqft

Electric Intensity: 42.60 kWh/sqft

Natural Gas Intensity: 171.30 kBtu/sqft

Total Building: 316.65 kBtu/sqft

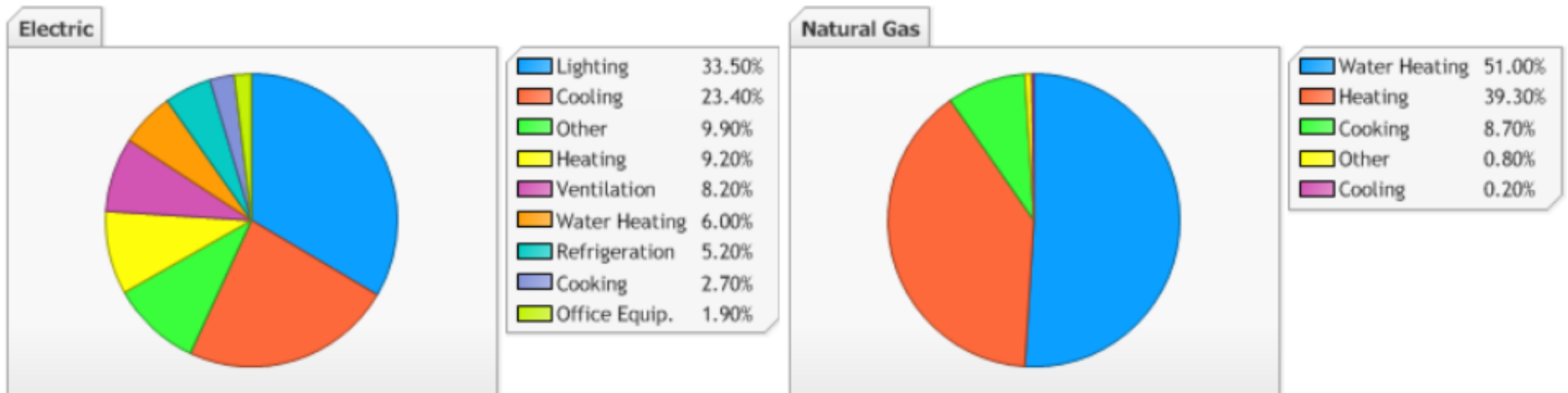**Typical Carbon Output:** 145 metric tons CO_2

Select Your State: New York

Select Your Nearest City: Buffalo

Type of Business:

Commercial: Lodging   **Industrial:** Select a Segment

Benchmark Data for Lodging

Lodging: Typical Energy Use and Carbon Output for similar businesses in your area.

Electric

Lighting	33.50%
Cooling	23.40%
Other	9.90%
Heating	9.20%
Ventilation	8.20%
Water Heating	6.00%
Refrigeration	5.20%
Cooking	2.70%
Office Equip.	1.90%

Natural Gas

Water Heating	51.00%
Heating	39.30%
Cooking	8.70%
Other	0.80%
Cooling	0.20%

Annual Electric Use: 497,620 kWh
Annual Natural Gas Use: 19,618 therm
Average Facility: 35,800 sqft
Electric Intensity: 13.90 kWh/sqft
Natural Gas Intensity: 54.80 kBtu/sqft
Total Building: 102.23 kBtu/sqft
Typical Carbon Output: 279 metric tons CO2

Select Your State: New York ⌄

Select Your Nearest City: Buffalo ⌄

Type of Business:

Commercial: Dry Cleaning/Laundry ⌄ **Industrial:** Select a Segment ⌄

Benchmark Data for Dry Cleaning/Laundry

Dry Cleaning/Laundry: Typical Energy Use and Carbon Output for similar businesses in your area.

Electric

Lighting	28.77%
Cooling	22.37%
Water Heating	16.44%
Other	13.24%
Ventilation	10.05%
Heating	6.39%
Office Equip.	1.83%
Refrigeration	0.46%
Cooking	0.46%

Natural Gas

Heating	40.67%
Water Heating	40.56%
Other	18.10%
Cooking	0.34%
Cooling	0.34%

Annual Electric Use: 54,750 kWh
Annual Natural Gas Use: 2,238 therm
Average Facility: 2,500 sqft
Electric Intensity: 21.90 kWh/sqft
Natural Gas Intensity: 89.50 kBtu/sqft
Total Building: 164.22 kBtu/sqft
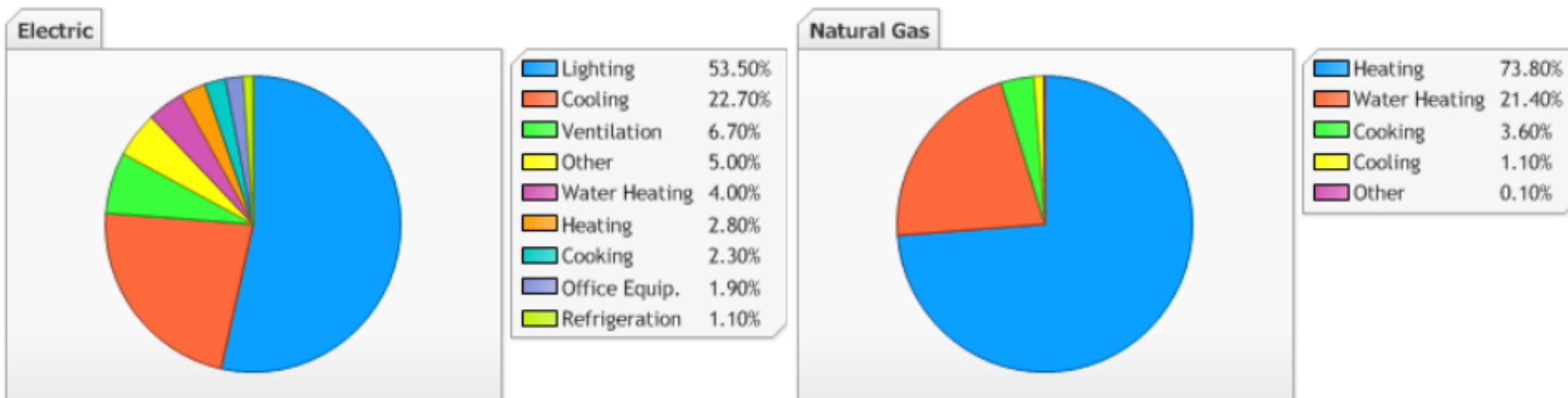**Typical Carbon Output:** 31 metric tons CO2

Select Your State: New York ▾

Select Your Nearest City: Buffalo ▾

Type of Business:

Commercial: Public Assembly ▾ **Industrial:** Select a Segment ▾

Benchmark Data for Public Assembly

Public Assembly: Typical Energy Use and Carbon Output for similar businesses in your area.

Electric

	Lighting	53.50%
	Cooling	22.70%
	Ventilation	6.70%
	Other	5.00%
	Water Heating	4.00%
	Heating	2.80%
	Cooking	2.30%
	Office Equip.	1.90%
	Refrigeration	1.10%

Natural Gas

	Heating	73.80%
	Water Heating	21.40%
	Cooking	3.60%
	Cooling	1.10%
	Other	0.10%

Annual Electric Use: 107,920 kWh
Annual Natural Gas Use: 7,469 therm
Average Facility: 14,200 sqft
Electric Intensity: 07.60 kWh/sqft
Natural Gas Intensity: 52.60 kBtu/sqft
Total Building: 78.53 kBtu/sqft
Typical Carbon Output: 78 metric tons CO2