

## Electricity Cost of Waste Outdoor Lighting, United States - 2010

Sector	Number of Consumers	Consumption avgKWh/month	Consumption avgKW/year	Consumption totalKWh/Year	Rate \$/KWh	2010 Total\$	Overall Avg\$/KWh
Residential	124,937,469	920	11040	1,379,309,657,760	\$0.1126	\$155,310,267,464	
Commercial	17,562,726	6,339	76068	1,335,961,441,368	\$0.1036	\$138,405,605,326	
Industrial	774,713	108,567	1302804	1,009,299,195,252	\$0.0683	\$68,935,135,036	
				3,724,570,294,380		\$362,651,007,825	\$0.0974
		(22% of total elec)	<b>Lighting</b>	819,405,464,763.60		\$79,783,221,722	
		(8% of lighting)	<b>Outdoor Lighting</b>	65,552,437,181.09		\$6,382,657,738	
		(30% of Outdoor Lighting)	<b>Waste Outdoor Lighting</b>	19,665,731,154.33		\$1,914,797,321	
				<b>2010 Waste Outdoor Lighting \$/yr</b>		<b>\$1,914,797,321</b>	

### Sources:

<http://www.eia.gov/cneaf/electricity/esr/table5.html>

Table 5. U.S. Residential Average Monthly Bill by Sector, Census Division, and State 2010

Same page - Commercial Average Monthly Bill by Census Division, and State 2010

Same Page - Industrial Average Monthly Bill by Census Division, and State 2010

<http://www.p2pays.org/ref/36/35859.pdf>

DOE 2002 U.S. Lighting Market Characterization Volume I: National Lighting Inventory and Energy Consumption Estimate  
From Table ES-1 U.S. National Energy Use for Lighting Disaggregated by Sector

Lighting accounts for 22% of total electric consumption

Outdoor Stationary lighting is 8% of total lighting electric consumption

\* The Waste Outdoor Lighting \$ shown here is based on 30 percent waste factor (estimated) for all outdoor stationary light sources

*Waste Outdoor Lighting means lights on where not needed, when not needed, or direct uplift.*

The total wasted dollars per year for electricity does not include the additional cost for lamps, ballasts and maintenance associated with waste lighting.