

Bright Idea calculator

How effective are your donations of high-efficiency light bulbs?

original bulb wattage enter

(NOTE: *actual* wattage, not replacement equivalent eg: a CFL bulb equivalent to a 100W incandescent is 23W; the LED equivalent is 20W)

enter

watts saved (calculated)

bulbs replaced enter

hours/day use average enter

kWH/month saved (calculated)

kWH/year saved (calculated)

This calculator only considers energy-to-use. Production and shipping energy are also reduced by the longer life of high-efficiency CFL or LED bulbs, increasing the impact

power mix **emissions** (lbs CO₂ equivalent/kWH)

average PA emissions or [look up by zip code](#)

lbs CO₂ saved/month (calculated) [enter result here](#)

lbs CO₂ saved/year (calculated)

cost per kWH enter decimal

total \$/month savings \$ (calculated)

total \$/year savings \$ (calculated)

