

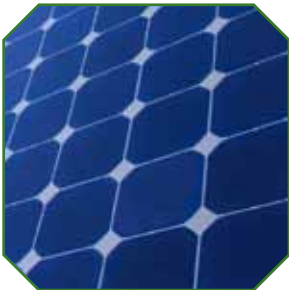


Reliable. Renewable. Remarkable.



PARKING LOT LIGHTING BEYOND THE GRID

Solar Light Systems for Parking Lots are the Economic Choice



SOL DELIVERS TO THE BOTTOM LINE

Whether you need lighting for a new or retrofitting an existing parking lot, solar lighting is the smart economic solution. Solar lighting provides a sustainable, easy-to-install, green approach to outdoor lighting that is less expensive than conventional on-grid lighting. Solar lights make your lot more visible, more inviting, and more secure with less cost, complexity, and pollution.

MAKE THE COMPARISON... CONVENTIONAL VERSUS SOLAR FOR YOUR LOT

Installation of conventional lighting, which means connecting your light fixtures to an electrical grid, requires trenching, underground wiring, and on-site electrical hardware. Conventional lighting installations are costly, time consuming, inconvenient, and of course you have the endless expense of monthly electrical bills with uncertain increases.

There is a better way!

Solar lighting eliminates many of the costs associated with typical installations. Instead of spending for underground wiring, trenching, etc., you can use the funds to pay for a solar light that never requires an electric bill. Solar lighting is quick to install and saves on labor costs. Project quote to installation can occur in less than 6 weeks. Plus you never have to worry about brownouts or blackouts. The economic advantage of solar lighting is significant. (See examples.)



WHAT IS GRID PARITY?

Grid parity occurs when your solar lighting system costs less than a comparable system connected to an electrical grid. You can achieve grid parity now for your parking lot.



Solar lighting on this project saves over 46,382 lbs of CO₂ per year. That's 4 cars* off the road!

*(based on EPA average annual car use of 12,500 miles with 11,400 lbs of CO₂)

CAMPUS LOT COMPARISON

Grid Connected Light Installation

Grid Connected Pole Count - 11 Total Poles
Single Luminaire - 5
Dual Luminaires - 6

Costs

Lights & Poles	\$ 12,550
Electrical Wiring & Installation ..	\$ 58,400
Utility Connection	\$ 15,000
Control System & Programming .	\$ 15,500
Grid Connected Total.....	\$101,450

SOL Inc Solar Light Solution

Solar Light Pole Count - 16 Total Poles
Single Luminaire - 7
Dual Luminaires - 9

Costs

Solar Light Systems.....	\$86,900
Solar Light Installation.....	\$12,800
SOL Solution	\$99,700

Annual Electrical Bill Avoided: \$2,088

Immediate Savings: \$1,750

WHY SOLAR LIGHTS ARE THE RIGHT CHOICE FOR YOUR PARKING LOT

Whether your lot is unlit, under lit or plagued with failing underground electrical wiring, solar lights are a great solution.

- Easy to install since lights arrive ready to assemble as a complete system with click-together connectors
- Fast start up: pre-programmed at the factory for desired operating mode and light fixture output
- Quality assured with lights 100% function tested and inspected
- Reliable light every night with at least 5 nights of energy reserve
- Efficiently delivers light for most applications via available Type I, II, III and V beam patterns
- Meets IES requirements



PARKING LOT SYSTEMS & FIXTURES:



SOL lighting systems feature a variety of mounting options including Top of Pole Mounting (TPM) and Side of Pole Mounting (PM). Luminaires for parking lots include cobrahead and shoebox styles to suit your lighting needs with single and dual luminaire systems available.

RETAIL LOT COMPARISON

Grid Connected Light Installation

Grid Connected Pole Count - 22 Total Poles
 Single Luminaire - 6
 Dual Luminaires - 16

Costs

Lights & Poles \$ 25,800
 Electrical Wiring & Installation .. \$105,500
 Utility Connection \$ 15,000
 Switch System & Programming.. \$ 18,000
Grid Connected Total..... \$164,300

SOL Inc Solar Light Installation

Solar Light Pole Count - 34 Total Poles
 Single Luminaire - 10
 Dual Luminaires - 24

Costs

Solar Light Systems..... \$162,400
 Solar Light Installation..... \$ 22,100
SOL Solution \$184,500

Annual Electrical Bill Avoided: \$5,073

Payback in less than 4 years of Electricity Savings

Solar lighting on this project saves over 106,079 lbs of CO₂ per year. That's 9 cars* off the road!
 *(based on EPA average annual car use of 12,500 miles with 11,400 lbs of CO₂)

MORE REASONS TO GO WITH SOL

Founded in 1990, SOL Inc., a U.S. company headquartered in Palm City, Florida, manufactures outdoor solar lighting systems with more than 40,000 systems installed in 61 countries. SOL's customers include the U.S. military, Fortune 500 companies, colleges, municipalities, outdoor advertisers, transit authorities and national parks.

SOL is uniquely committed to continual product improvement through our ISO 9001:2008 certification along with our in-house applications and innovative engineering teams.

WHY SOL USES LED LIGHTING

SOL was one of the first solar lighting companies to use High Flux LEDs for several reasons:

- LED lights have a long time (over 15 years); 70,000 hours (L-70)
- LEDs provide a precise lighting pattern to reduce light trespass onto neighboring property
- LEDs turn on and off instantly with no warm-up period enabling motion detector controlled lighting
- Bright (5,000K) white light increases nighttime visual acuity
- Dimming LEDs extends the life of the LEDs

WHAT OUR CUSTOMERS THINK

SOL's lighting systems installed easily and operated on solar power the very first evening. The immediate response from federal employees and visitors was all positive.

Tony Mire, Branch Chief
GSA Protective Service Division
Puerto Rico

Our district consists of many rural areas where commercial power is not readily available. We installed the SOL lights in three rural park and ride lots five years ago and are pleased with their performance. We will be installing this product in other park and ride lots as well as considering their use at intersections where commercial power is cost prohibitive.

Julie Gonzalez, Electrical Engineer
Caltrans – District 5

SOL SUPPORT

You'll rest easy knowing that your solar light is backed by 20 years of experience. SOL's technicians are factory employed and are available for site visits to help you with project planning, on-site installation assistance and after-installation support.

Plus we offer:

- Industry Leading FivePlus™ Warranty
- At least five nights of backup energy storage
- 24/7 Technical Telephone Support (1.800.959.1329)



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