

# SOLAR POWERED PARKING LOT LIGHTS

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## Sustainability

- Reliant purely on sun energy  
= 100% renewable resource usage
- Reduces CO2 emissions by not relying on pollution-emitting utility plants

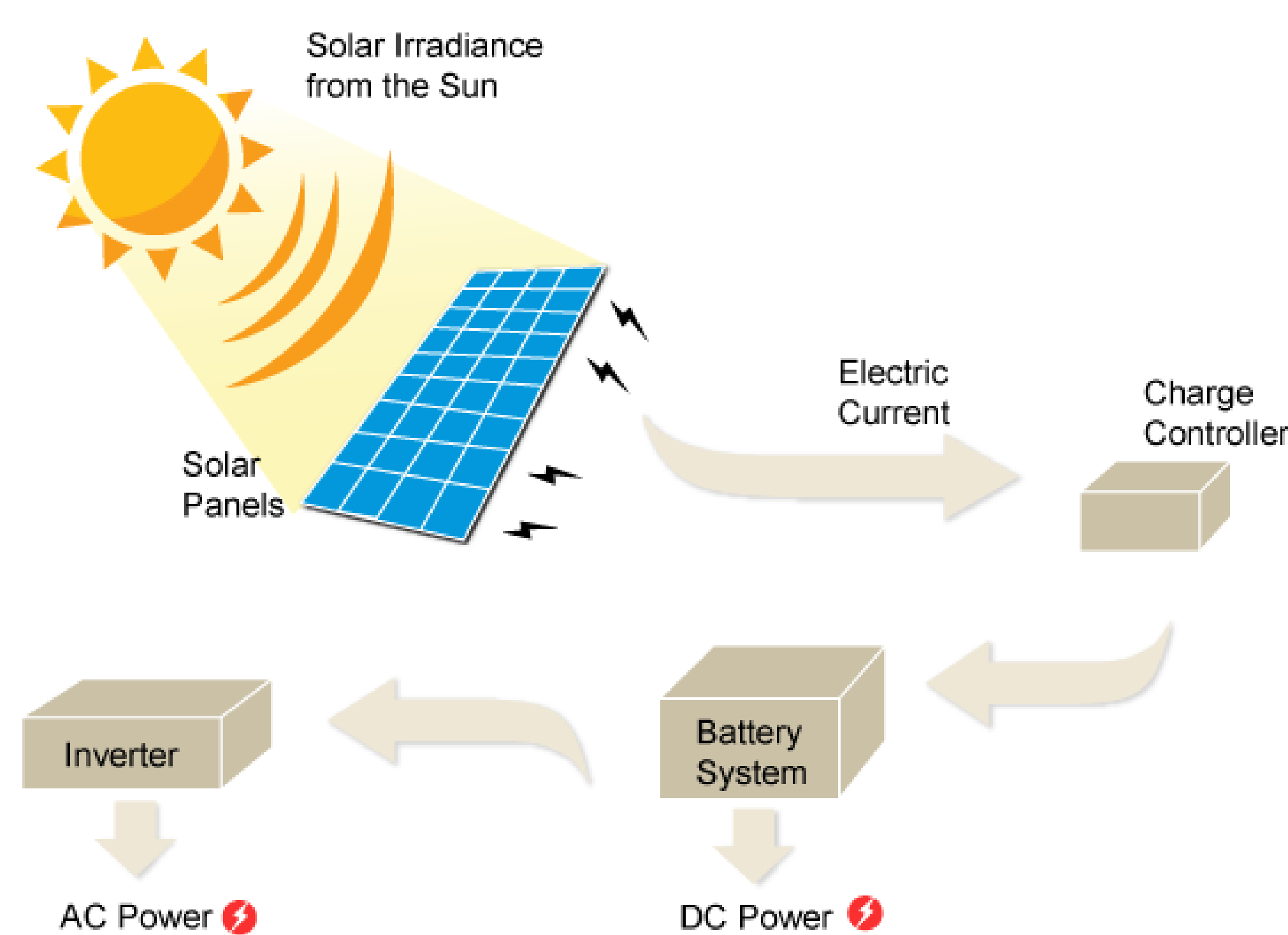


Figure: Diagram of Solar Energy Conversion

## Local Community

- Investing in solar helps local solar companies
- Supports job growth + the economy
- Florida has one of the highest national job growth percentages in solar energy in the past few years



Figure: Common Solar Powered Street Light

## Reliability

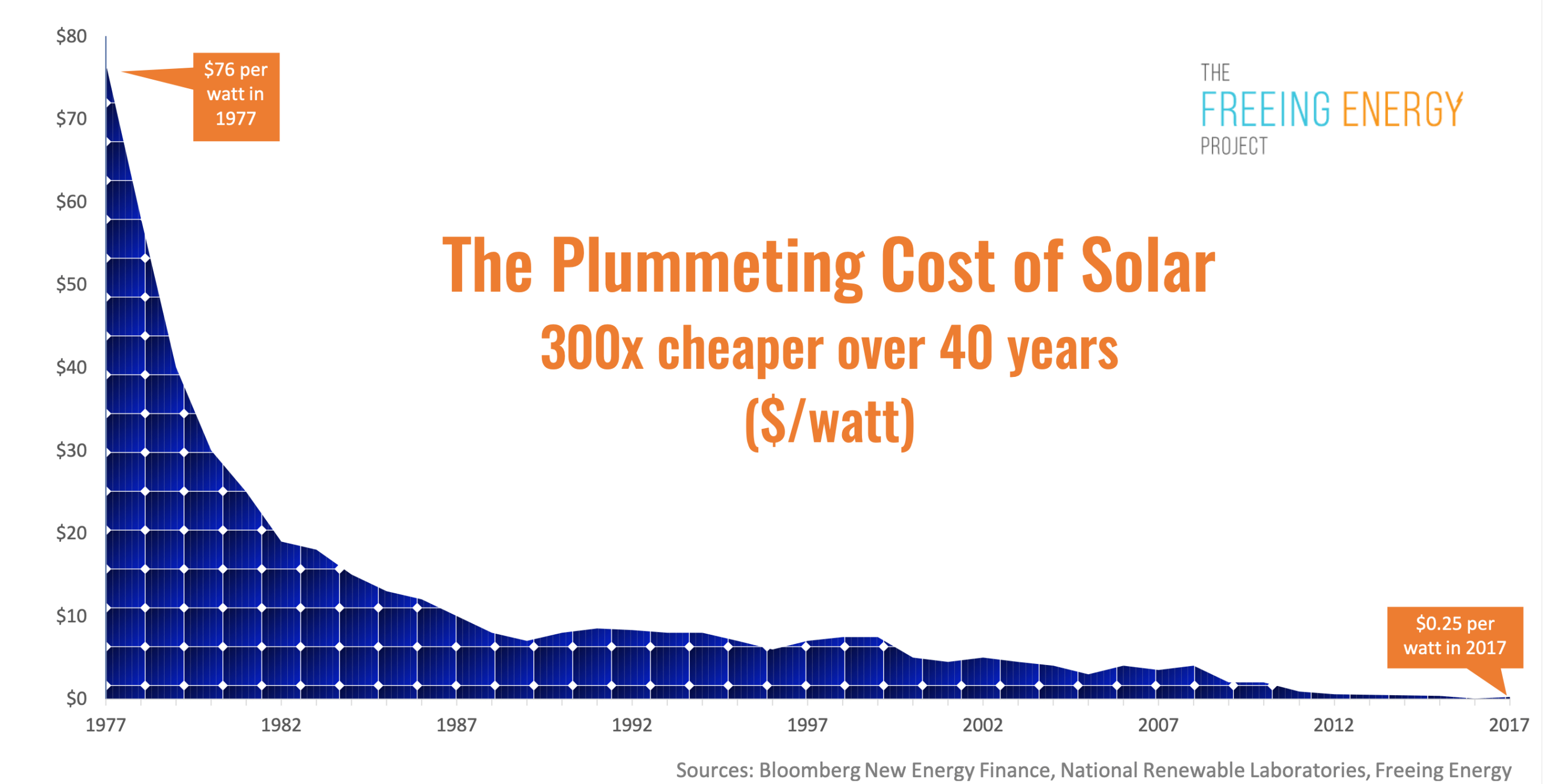
- Maintain security of nighttime lights during a power outage

## Maintainability

- Wireless makes easy setup & maintenance without trenches
- Great for new campus structures, parking garage

## Durability

- Equipped to last against CAT 5 Hurricane winds
- Waterproofed surfaces protect against heavy rainfall
- Panels can withstand flying debris and hail



## Cost Efficiency

- Cost Return within 5-10 years
- Consistent price reduction observed over 20 year period
- Major Federal Tax reduction for going solar in 2020