



POWERPARASOL®



Patented

www.powerparasol.com

“Out of the desert.
Off the rooftops.
Into the community.”SM



PowerParasol®

A new era in solar shade

- Patented technology
- Creates a unique environment -turns unused spaces into a cool, welcoming environments
- Creates dappled shade, allowing trees, plants and grass to thrive in open, airy spaces
- Contributes to sustainability, reducing carbon emissions and improving the environment
- Adds value to the real estate
- Produces clean solar energy

Value Proposition

- Drives revenues by attracting customers and patrons by turning unused/under-used space into a welcoming gathering place
- Documented increases in same store sales and increased opportunities for advertising sales
- Load leveling system when used with storage
- Incorporates vehicle charging stations
- Achieves sustainability goals & environmental commitment

Environmental Proposition

- Contributes to sustainability goals, (e.g. Fortune 500 companies, US Green Building Council, Green Parking Council)
- Adds value to existing land rather than consuming land for the sole purpose of generating energy
- Communicates a commitment to sustainability and emissions reduction
- Contributes to Dark Sky Initiative and Heat Island mitigation

Community Solar Opportunities

- Any large area where shade adds value: schools, shopping malls, community centers, retail stores . . .
- Multipurpose gathering, event locations enhances quality of community
- Applications that show commitment to sustainability and emissions reduction including Dark Sky Initiative; heat island mitigation
- Flexibility: energy credits applies to individual users energy bills; generation assets owned by utility, shade owned by landowner/landowners

Case Studies – Parking Areas

Cool, comfortable, safe parking

- Keeps cars and walkways cool
- Highly visible “green” message
- Preserves retail sightlines
- Reduces heat island effect
- Signage and lighting opportunities Attractive nighttime lighting
- Creates attractive locations for community events/tailgating
- Drives customer satisfaction and traffic

Covered Parking – ASU Lot 59



- 5.26 acres
- 7,584 solar panels
- 852 parking spots
- 2,124 kilowatt capacity
- Generates 3,639,713 kilowatt hours per year



Use of ASU Lot 59 to host the PF Chang's Marathon events and finish line

Fry's Food Store



- 1.5 acres
- 1,936 solar panels
- 175 parking spots
- 581 kilowatt capacity
- Generates 1,013,140 kilowatt hours per year

Case Studies – Malls and Parks

Cool community gathering areas

- Turns unused or under-used spaces into welcoming places to gather
- Grass and native vegetation grow underneath
- Festive nighttime lighting
- Outdoor nighttime entertainment areas
- Highly visible “green” message







Gammage Parkway

- 1.09 acres
- 1,716 solar panels
- 494 kilowatt capacity

Other Applications

- Auto/RV/boat dealerships
- Power centers and malls
- Casinos
- Airports
- Military
- Hospitals
- Civic areas
- Theme parks and zoos
- Community solar installations



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