



# SOLAR ENERGY SERVICES

## PROVIDING

Photovoltaic Designs  
Solar Conceptual Designs

Photovoltaic System Retro-fit

**Whitman's Renewable Services Division** has more than twelve years of experience assisting clients with solar projects from concept through design. Our in-house engineers have performed complete design services for more than 1 GW of renewable energy systems located across the country.

Whitman has experience in various types of solar projects from roof tops, to car ports, ground mounts and landfills. Our clients range from small business owners and developers, to large utility scale customers.



### Photovoltaic Designs

- Full Engineering Design Plans
- AC/DC Electric Wire Sizing
- PVSyst Analysis
- Arc Flash Studies
- Roof Top Structural Analysis
- Roof Top / Carport / Ground Mount / Landfill Designs



### Solar Conceptual Designs

- Initial System Layouts and Sizing
- Battery Storage
- System Optimization
- Utility Interconnection Design and Support
- Conceptual Plans for Marketing



### Photovoltaic System Retro-fit

- Updating Solar Arrays to New Electrical Standards
- Arch Fault System Analysis and Recommendations



For more information, contact

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