

Smart Electrical Panels & Energy Monitoring

Advanced Control and Visibility for Modern Electrical Systems

Electrical panels are no longer passive distribution equipment. Modern smart panels provide real-time visibility into energy usage, enable intelligent load control, and support the integration of EV charging, solar, battery storage, and future electrical loads.

Mirkovic Electric designs and installs smart electrical panel solutions that improve system awareness, increase flexibility, and support long-term power planning for residential and commercial properties.

What This Service Includes

- Smart electrical panel installation and configuration (including SPAN panels)
- Circuit-level energy monitoring and usage analysis
- Load prioritization and intelligent circuit control
- Integration with EV chargers, solar, and battery systems
- Retrofit installations and new construction applications
- Coordination with load management strategies
- Support for future electrical expansion and system changes
- Clear labeling and system documentation

Applications

- EV charger installations requiring intelligent load control
- Properties preparing for solar or battery integration
- Homes and businesses seeking energy usage transparency
- Projects requiring flexible power management
- Clients planning phased electrical upgrades

Integration With Other Services

Smart panels are often deployed as part of a broader electrical strategy. They integrate directly with load management planning, EV charging systems, and utility coordination to provide a cohesive, future-ready electrical infrastructure.

Why Choose a Smart Panel

Smart panels provide actionable insight into electrical usage while enabling control strategies that can reduce the need for costly service upgrades. When properly designed and installed, they add flexibility, transparency, and long-term value to the electrical system.

Who This Service Is For

This service is ideal for property owners, business owners, and project teams who want greater control over electrical usage, plan to add major electrical loads, or require an adaptable system that can evolve over time.