

Expert Consulting meets Aerial Intelligence

SOLAR SOLUTIONS

KNOW YOUR DC HEALTH

Diagnostics that Drive Actions.



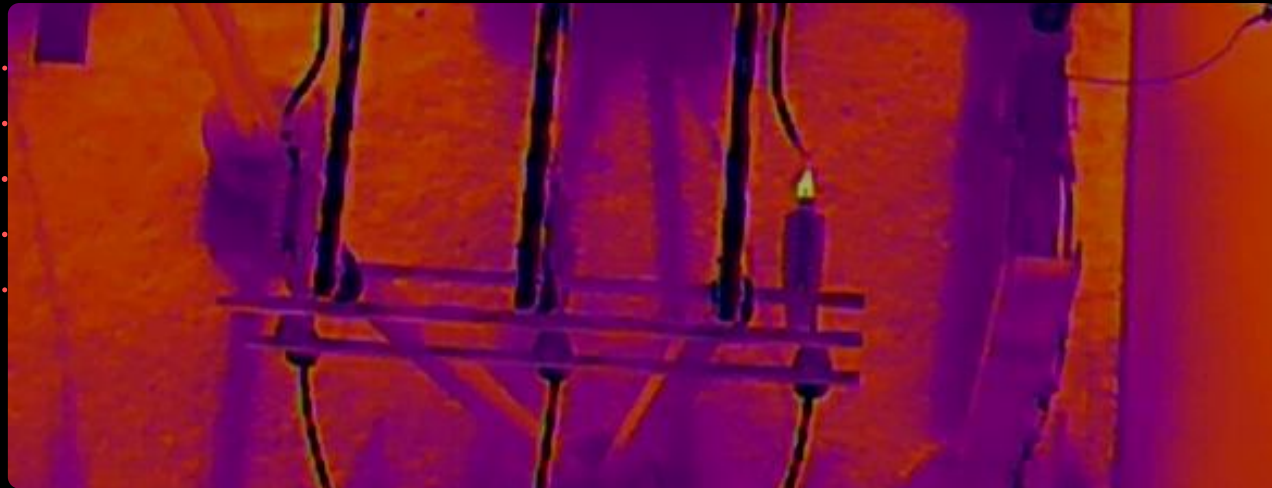
Baseline

Inspections

- Rapid aerial thermal scans of PV arrays
- Identification of major fault conditions (major damage, string outages, tracker issues)
- Prioritized findings summary with visual mapping
- Ideal for portfolio screening or baseline assessments
- Fast turnaround for actionable insights

Diagnostic Inspections

- Module-level thermal anomaly detection and classification
- String, combiner, and inverter-level issue identification
- Severity ranking and failure mode categorization
- Georeferenced defect mapping for O&M teams
- Repair prioritization aligned to production impact
- Executive summary + full technical report

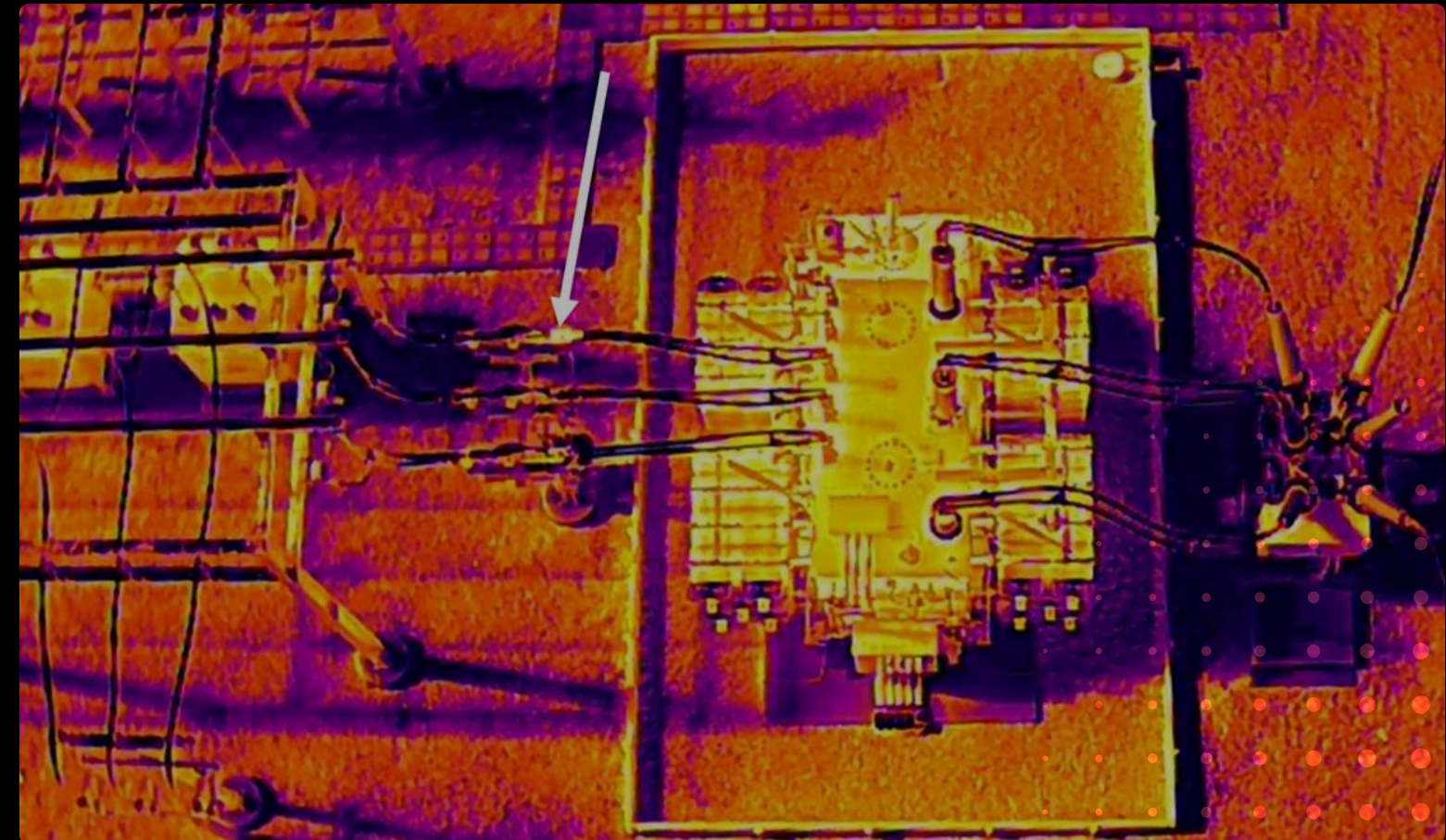


SINGLE FAILURES = LARGE LOSSES

Protect critical infrastructure. Prevent forced outages.

Substation, Transmission Line & Collection System Inspections

- Thermal inspections of substations, breakers, disconnects, transformers
- Overhead transmission and collection line inspections
- Identification of overheating components, loose connections, load imbalances
- Vegetation encroachment and right-of-way risk visibility
- Reduced need for energized work exposure
- Pre- and post-outage inspection support



OPERATIONAL CONSULTING SERVICES

Optimize performance across the full lifecycle of your assets.

- Independent third-party operational assessments
- End-of-Warranty (EoW) inspection support
- Performance optimization strategies (DC & AC systems)
- CMMS evaluation and workflow improvements
- Inventory management and critical spare parts strategy
- Root cause analysis for recurring faults and downtime events
- Development and refinement of operational frameworks and procedures
- Support for scaling operations across multi-site portfolios



18+ Years Industry Experience

Nearly two decades of real-world experience across renewable energy operations.



Independent Assurance

Objective evaluations that support safe, reliable, and compliant operations.



SAFETY CONSULTING SERVICES

Strengthen safety culture while reducing operational risks.



18+ Years Industry Experience

Nearly two decades of real-world experience across renewable energy operations.



Independent Assurance

Objective evaluations that support safe, reliable, and compliant operations.

- Comprehensive site safety assessments (field + documentation)
- Program development aligned with OSHA, NFPA 70E, and industry best practices
- Qualified Electrical Worker (QEW) program support
- Job Hazard Analysis (JHA) development and field implementation
- Procedure review, redlining, and standardization
- Incident investigation and root cause analysis
- Human Performance improvement strategies
- Safety training programs (including First Aid/CPR/AED alignment)

ENVIRONMENTAL CONSULTING SERVICES

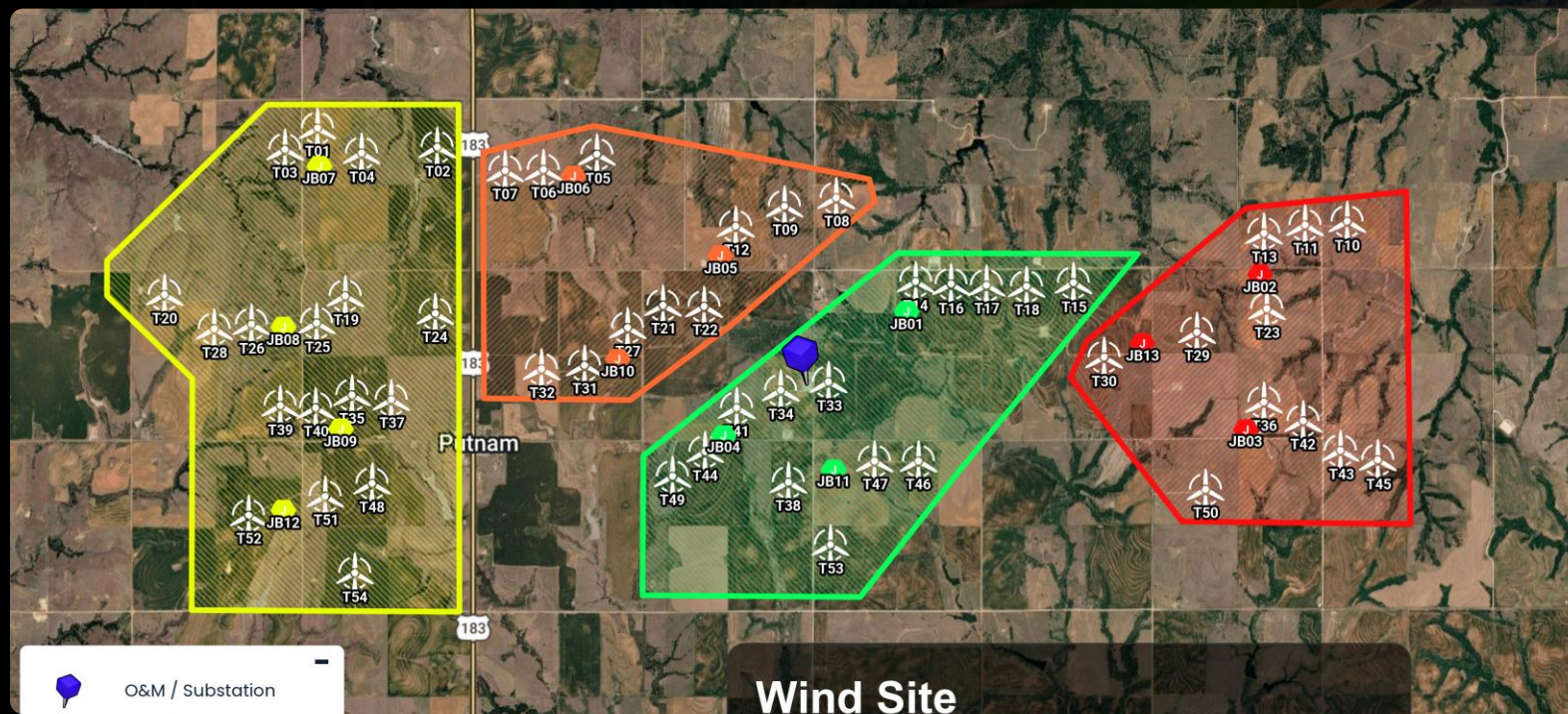
WILDFIRE MITIGATION PLANNING



- Wildfire risk assessments for solar and BESS sites
- Vegetation management program evaluation and planning
- Development of site-specific wildfire mitigation plans
- Pre-fire planning documentation and emergency response alignment
- Fire department coordination and site familiarization support
- Hazard mapping and zoning across project sites
- Annual maintenance planning and compliance tracking
- Integration with operational and safety procedures

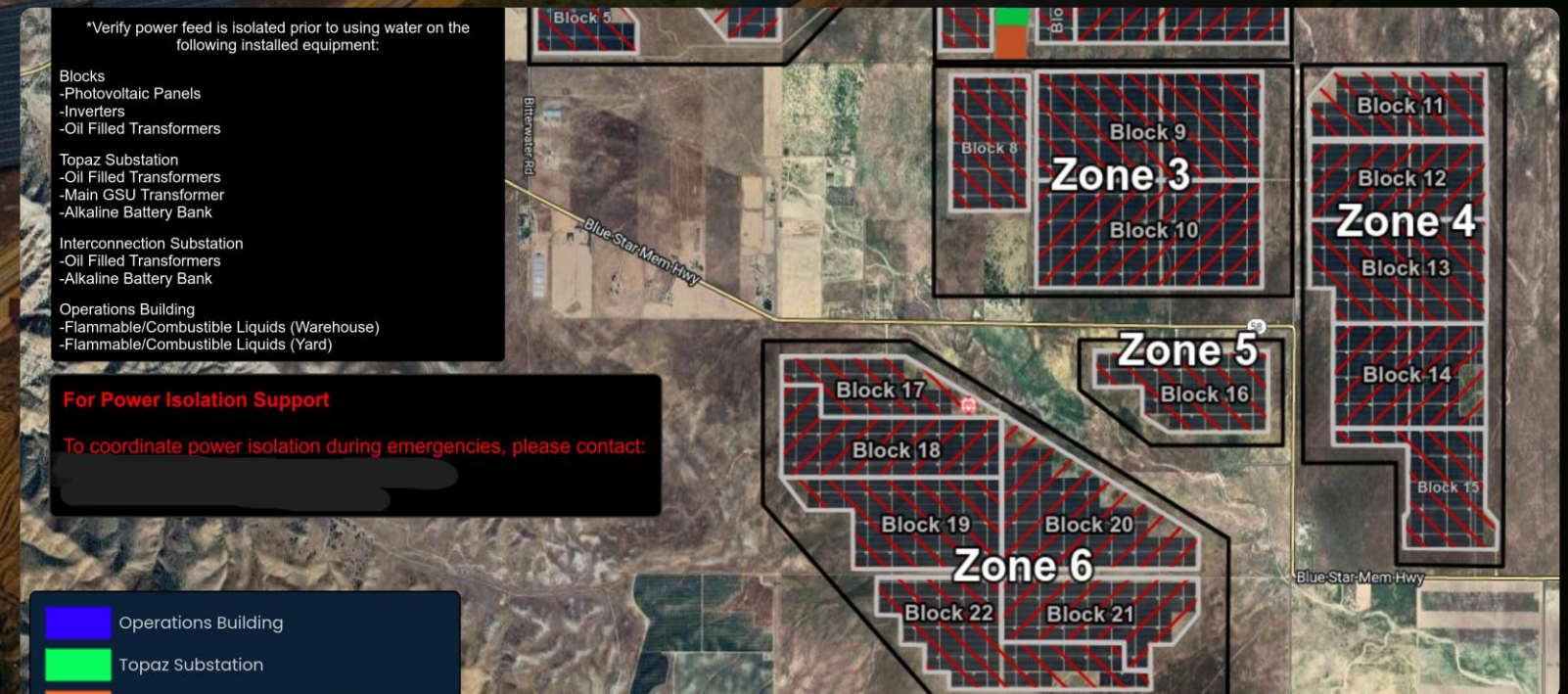
MAPPING & SITE INTELLIGENCE

Actionable, field-ready maps built to support execution, safety, and decision-making



- Construction and project planning maps (laydown yards, crane paths, build sequencing, logistics)
- Progress tracking overlays for construction and ongoing operations
- Layered mapping systems to toggle between operational, safety, environmental, and inspection data
- Ongoing map updates and revisions as site conditions evolve
- Delivered as interactive, shareable maps for cross-functional use (O&M, safety, environmental, leadership)

- Custom site maps built and tailored to each project and client's needs
- Asset-level mapping (arrays, inverters, substations, collection systems, access roads)
- Defect and anomaly plotting from aerial inspections (thermal findings, outages, damage locations)
- Wildfire risk and hazard mapping (vegetation zones, high-risk areas, defensible space planning)
- Emergency response maps (access points, staging areas, water sources, hazard zones)



THANK YOU

CONTACT US TODAY!



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