

Instant Situational Insights™ for Utilities (iSIU™) Safety | Efficiency | Effectiveness

Protection Against Wildfires

Green Grid Inc.'s patented (U.S. Patent No. 10,880,623) real-time condition monitoring system, iSIU™ and advanced data analytics capabilities can significantly enhance utilities' condition-based network maintenance operations.

Condition-based Asset and Vegetation Management System

provides early detection and alert of failures and ignition events to prevent utility ignited catastrophic wildfires.

Transformational technology provides solutions:



With real-time asset and vegetation health and fire risk insights, the iSIU™ allows utilities to further enhance wildfire mitigation capabilities with the same workforces.



Protects communities from preventable ignition events causing from utilities equipment.



Reduces scale and duration of public safety power shutoff (PSPS) in extreme weather events.



Enhances wildfire safety compliance, enforcement and provides peace of mind to the utilities, firefighters and public.

- Risk-based installation prioritization
- Wireless sensor network and cloud data management
- Pan-Tilt-Zoom vision fusion and environmental sensors
- Processing, communication and power modules
- Provides georeferenced AI annotated live video feeds
- Desktop, web and mobile data sharing
- Automated drone fleet activation for initial hazard mitigation
- Extensible and scalable
- Provides comprehensive visual pictures of the operating environment
- Costs significantly less per mile or unit of asset

There are approximately 640,000 miles of electric transmission and 5,500,000 miles of distribution lines nationally. Knowing where they are and how they are doing is essential for safe and reliable electric grid operations amid growing threats of wildfire and outage due to climate change.



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Green Grid Inc. (GGI) is a climate-focused company providing digital technology solutions and professional services to the decarbonizing economy. Founded in 2011.

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It is unrivaled, it has no comparison, there is only one!