

Prevent, Detect and Notify

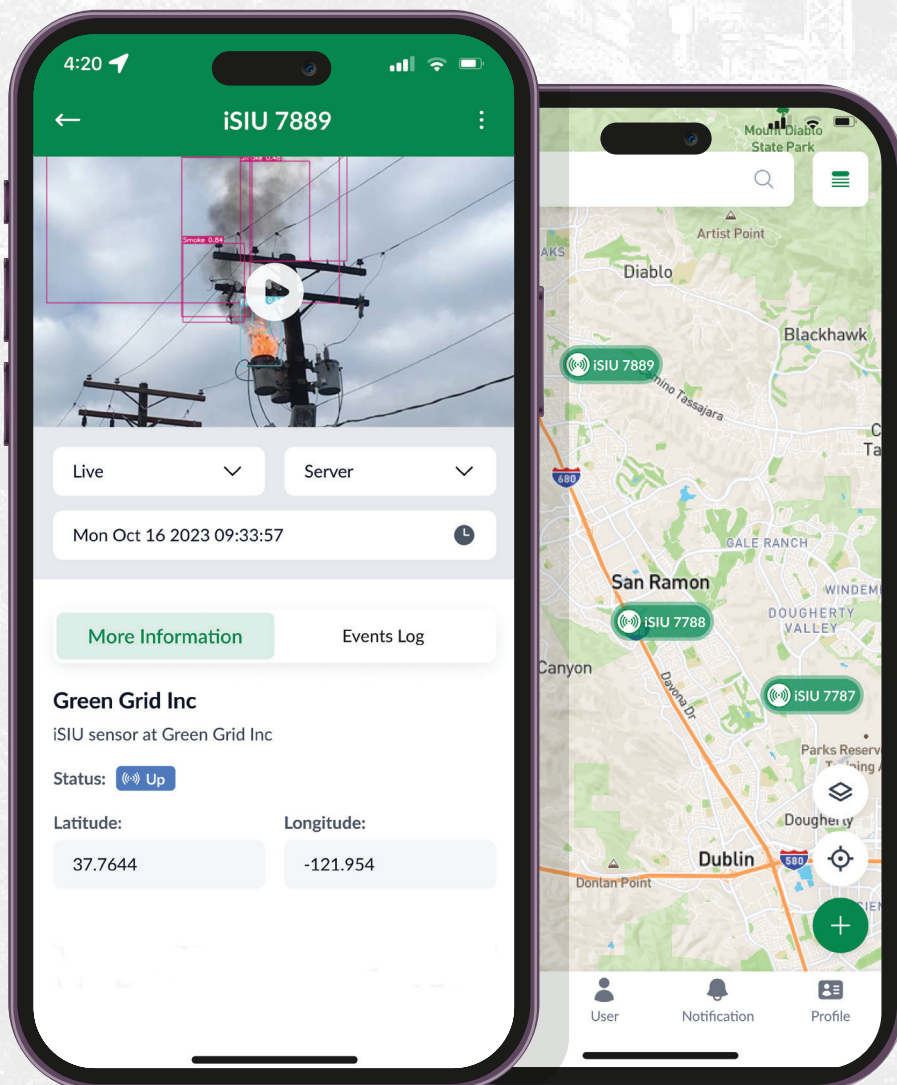
Service Outages and Power Line
caused wildfires in real-time

INTRODUCING

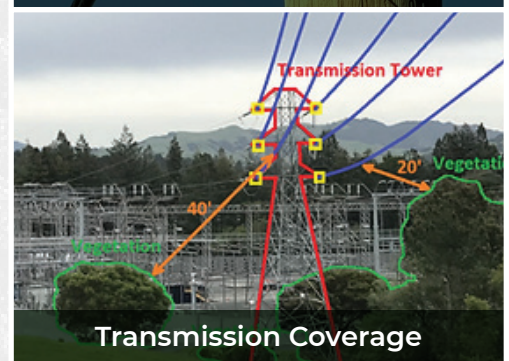
INSTANT

Situational Insights[®] for Utilities (iSIU[®])

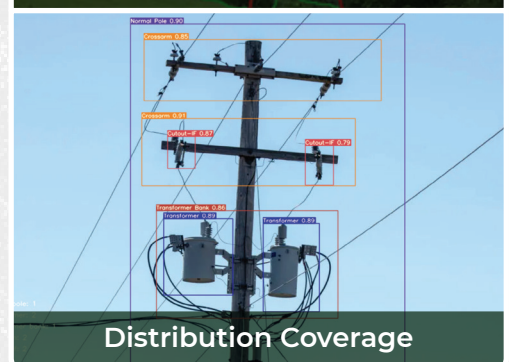
all-in-one tool for wildfire, asset and vegetation management



Remote Sensor System



Transmission Coverage



Distribution Coverage

Predict where wildfire ignition or vegetation encroachment might occur

Without having 24x7 surveillance of utility power lines, it is extremely challenging to predict where ignition or encroachment might occur. **iSIU®** technology tackles that challenge.



iSIU®
Instant Situational Insights® for Utilities

AI-enhanced smart sensor network at the grid level that provides real-time alert of hazard, equipment failure, fire, smoke or flash preventing destructive / catastrophic fire events.



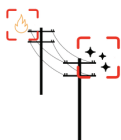
24x7 Continuous monitoring
of power line, assets and nearby vegetation.



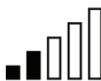
Prevents ignitions
Sends alerts in case of wire or equipment faults, so they can be proactively rectified before large fire.



Detects encroachment
Sends alerts in case of vegetation encroachment, tree fall-in, etc.



Detects sparks
In case of spark, smoke or fire detects instantly ~ 15 seconds.



Network coverage
Works in no / low network areas.



Accessible on phone/tablet
Access via web or phone while on the go from anywhere.

Technology Comparison

WILDFIRE	Airborne / Satellite sensors	Mountain HD cameras	iSIU® System at grid
Prevention	No	No	Yes
Detection	Yes (Irregular)	Yes (1,800 seconds)	Yes (15 seconds)
VEGETATION MANAGEMENT	Yes	No	Yes
ASSET MANAGEMENT	No	No	Yes
POST-PSPS RESTORATION AID	No	No	Yes

About Green Grid Inc.

Green Grid Inc. is a fast-growing climate-tech venture offering AI and IoT platforms for critical infrastructure protection, wildfire prevention and energy transition.

Contact us for a Demo

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