

# United Power Mitigating Wildfire Risk

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<https://www.unitedpower.com/fire-mitigation>

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# Power Line Construction

- Hendrix Spacer Cable



- Covered Conductor



# ELF Fuses – Current Limiting Fuse

- Internally contains the resulting ‘Arc’ due to a Fault downstream
- Limits the amount of fault current and heat energy given at the fault location





# AEM Wildfire Camera



Observe assets in real time to detect and monitor wildfires impacting your operations and know where to focus your attention



Enhance decision making and improve risk mitigation with a more complete picture of wildfire risk



Immediately pinpoint the exact GPS of a live wildfire so you can act quickly and improve emergency response time



Keep public, line workers, and emergency responders safe using accurate, reliable cameras and technology





# Camera Images



# N5 Shield Sensor



Power-Efficient  
Multimodal Sensor  
Fusion AI Engine

Fire Gas and Chemical  
Measurement Module

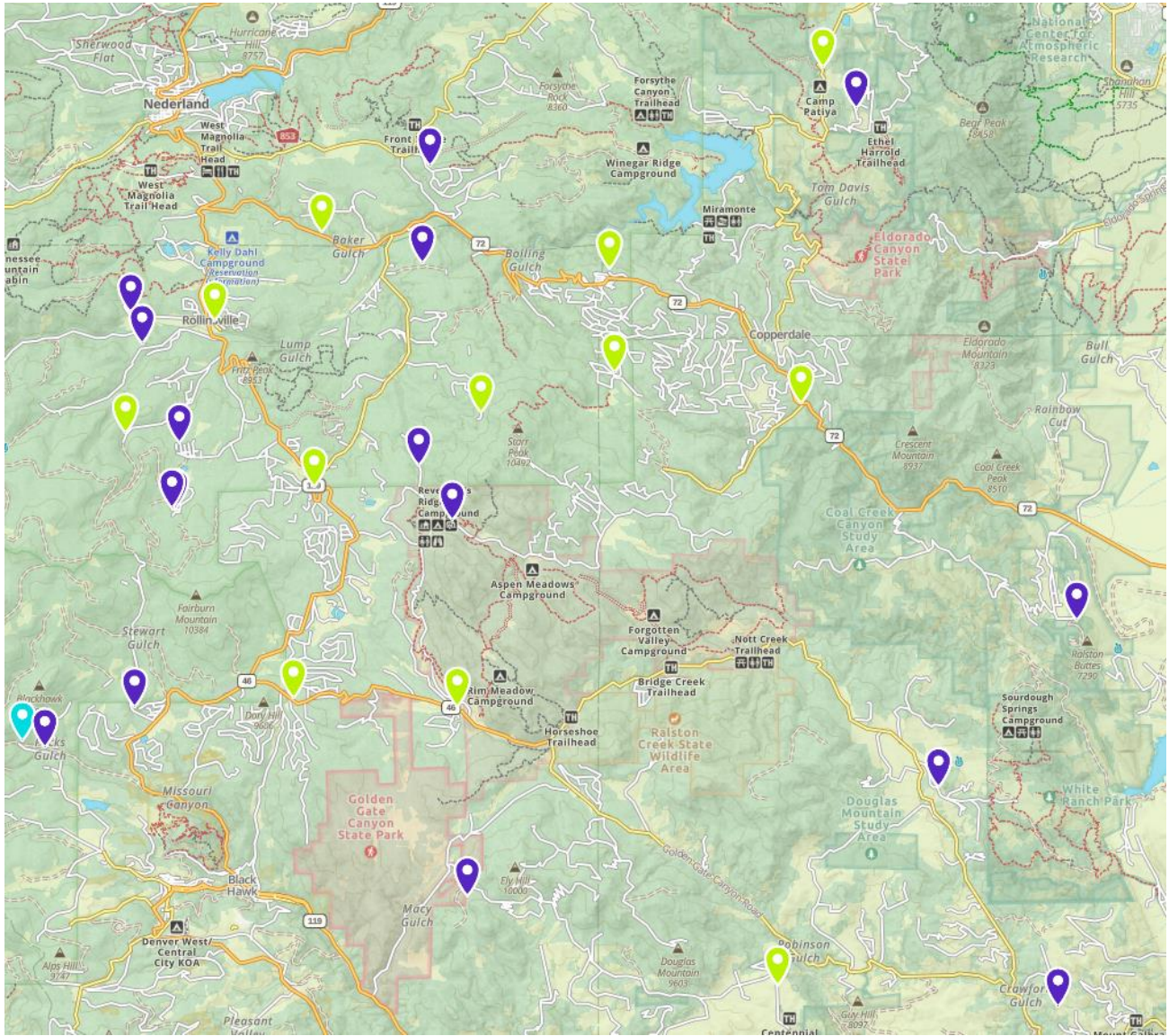
**Communication Capability** – LTE  
(Multicarrier/Worldwide) or LoRa.  
Satellite under development.

IR Heat Mapping Sensor

Low-Power E-Paper Screen for  
Quick Installation

Smoke and Particulate  
Measurement Module





# N5 Shield Sensor

# Questions?

Thank You!



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