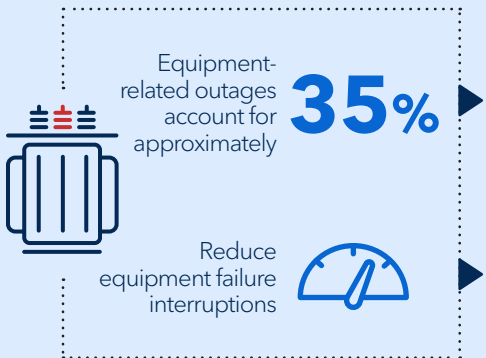


Mitigate Service Interruption with SAS AI

Achieve unmatched safety, reliability and uptime with a unique solution that could pay for itself in less than a year.

Reduce Your Operations & Maintenance Costs Permanently



Your O&M expenses are one of the largest items on your budget. And equipment-related outages lead the pack.

Now you can reduce one of the most impactful root causes of O&M expenses – overhead equipment failure.

\$1M+
annual
O&M savings
per 100k
customers



How does it work?
Exacter sensors on garbage trucks feed SAS analytics to yield results.

Unique data with minimal effort:

- + Partial discharge activity related to overhead grid
- + Leverage existing fleet vehicle routes for data collection
- + No new data acquisition equipment for the utility to install/maintain

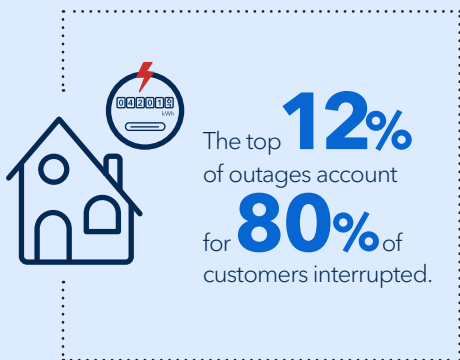


Over 50 percent of utilities will increase technology spend to optimize operations with an emphasis on AI and ML technologies, thus **doubling the penetration of predictive and prescriptive maintenance.**

Source: Data-Driven Grid Reliability: IoT Sensing and Analytics to Enable Predictive Maintenance and Improve Resiliency

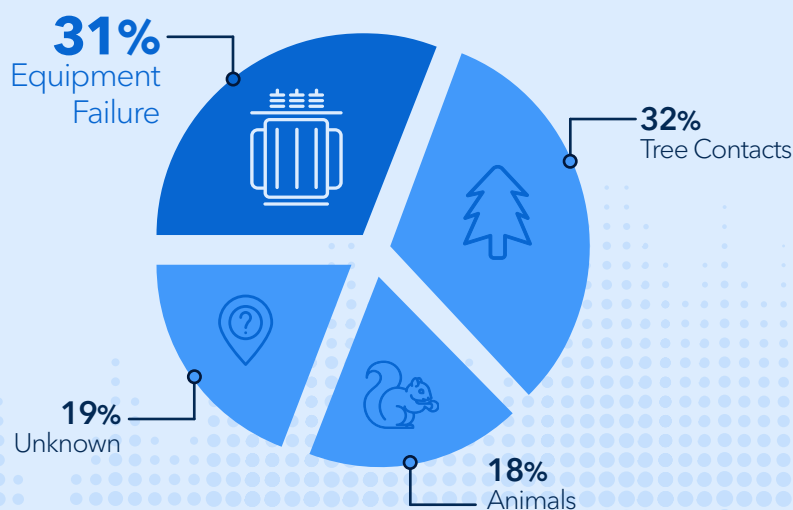
A Better Approach to Grid Reliability and Safety

You can take a “sniper approach” to identify, then actively prioritize and address your biggest challenges. **SAS® Grid Guardian AI** makes it possible.




US utilities feel major impacts to the business every year:

- **\$3-5B** in reactive overtime wages
- **\$40+M** lost revenue
- **2200+** line worker injuries
- **20+** line worker fatalities



Prevent Unplanned Loss of Service, Collateral Damage to Equipment and Added Safety Risks to Workers



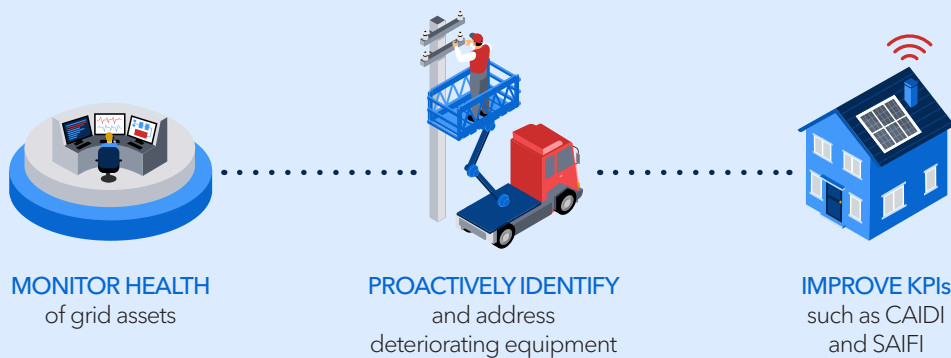
SAIFI¹ improves by
up to 5%

CAIDI² improves by
up to 10%

With SAS Grid Guardian AI, you can collect and analyze unique partial discharge data from overhead equipment with ease to significantly improve your safety and reliability KPIs.

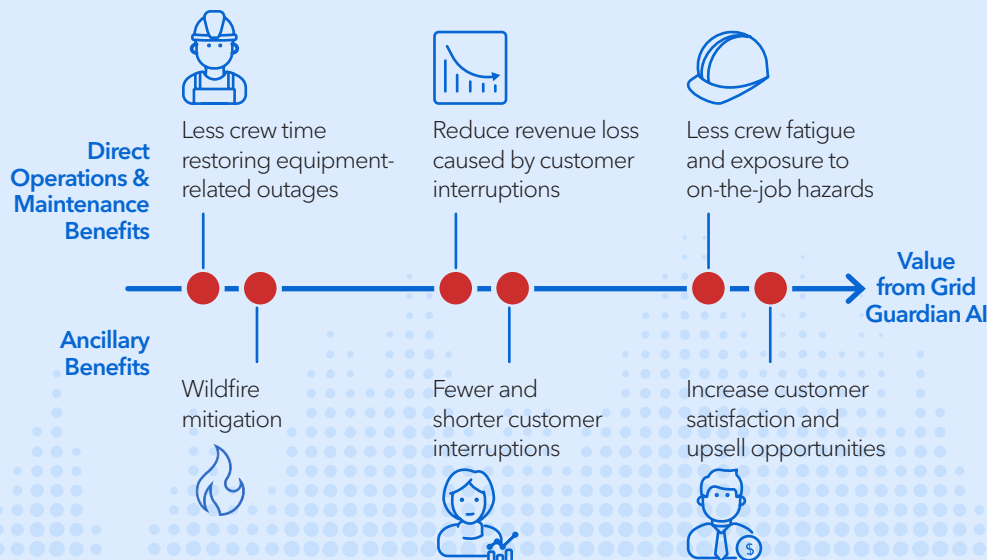
No new equipment required.

1. System Average Interruption Frequency Index
2. Customer Average Interruption Duration Index



Increase Your Insight Into the Location of Power Delivery System Weaknesses

Target capital expenditures where they will have the biggest impact while avoiding regulatory penalties.



SAS VIYA FOR UTILITIES

- + **Data & Analytic Governance**
Manage technical debt
- + **Open & Cloud Native**
Be more agile and scalable
- + **Augmented AI & Analytics**
Improve automation and productivity
- + **Integrated Decisioning**
Make better decisions

1976
SAS began helping utilities make decisions using data

560
energy companies are using SAS worldwide

90%
of Fortune 500 utilities rely on SAS

#1
leading analytics brand for utilities

Learn more and get a demo at www.sas.com/grid-guardian-ai