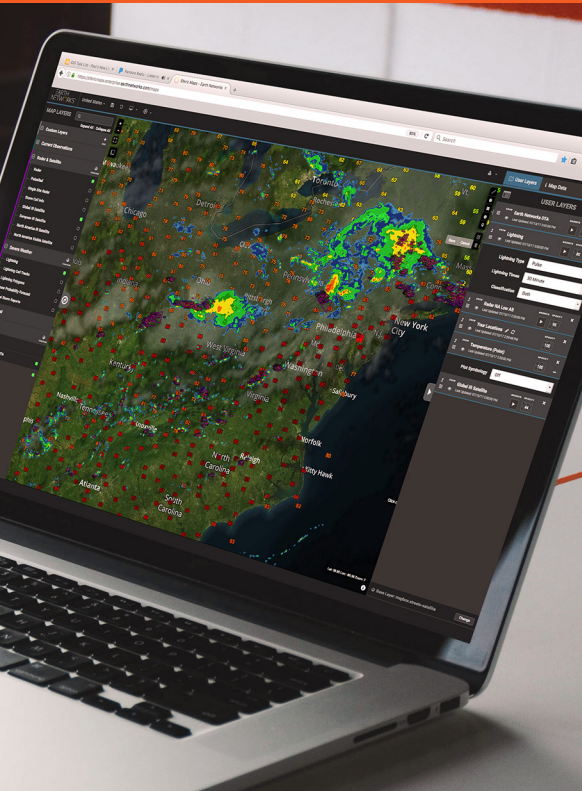


Energy Utilities



WEATHER TRACKING WITH SFERIC MAPS®

Track storms heading your way with our collaborative web-based weather dashboard. View each storm's estimate time of arrival and predicted path with real-time animated radar and lightning strike visualization.



Protect the grid and your customers when severe weather threatens

Across the globe, severe weather is pushing electrical systems past their limits. In 2020, extreme weather events contributed to a 73% increase in outage hours across the U.S.¹ These new challenges require energy utilities to use real-time weather intelligence data so they can prepare for incoming weather and take quick, decisive action to protect infrastructure and the public. Whether you are facing snow and ice, lightning, heavy rains and floods, or wildfires, AEM delivers the predictive data, analytics, and expertise to guide critical decisions before, during, and after the storm.



Outage
Readiness



Crew and Public
Safety



Asset Management
and Protection

BENEFITS



Use real-time, localized weather intelligence to predict congestion in your grid, efficiently match supply with demand, and minimize breakdowns.



Combine the power of industry-leading data, insights, and expert meteorological analysis to inform critical decisions in moments that matter.



Quickly verify time and location of outages with precision to know where to deploy responders and minimize financial risk.



Keep customers and line workers safe from the storm using accurate, reliable weather data when and where you need it.

¹S&P Global Market Intelligence, January 2021

Essential environmental insights to power critical decisions

AEM's full suite of products delivers the innovative technology, real-time data, and predictive insights utilities need to make key decisions, minimize environmental risks, and improve operational efficiency, all while increasing public and worker safety.

OUR SOLUTIONS



Meteorological services:

Consult with our expert team of meteorologists for round-the-clock advice and forecasts



Powerful networks:

Access accurate, real-time information from our industry-leading weather, lightning, and wildfire networks



Trusted data:

Integrate live weather data, accurate hourly forecasts, and other leading weather data into your applications and analytical models



On-site technology:

Deploy innovative technology, including weather stations and cameras, at key locations across the grid



Automated alerting:

Create intelligent and automated email, text, and mobile alerts when severe weather threatens



Data visualization:

View and share your weather dashboard, alerts, and on-site conditions with teams across your organization

Key applications:

- Create more accurate outage models with live weather data
- Efficiently match energy supply with demand using more accurate, short-term weather forecasts
- Identify lightning, fire, and flood-related threats to equipment and customers
- Increase outage response preparation time while decreasing recovery time
- Know where and when to deploy your crew to maximize their impact and safety



ASK ABOUT: ENCAST

Use pinpoint accurate short-term weather forecasts for any location in the world to better match energy supply with demand and minimize costly errors.

To find out more about all of our technologies, visit aem.eco or contact us at info@aem.eco