






# GridInform Storm Insight

Prepare for what's possible with an AI-powered storm insights solution purpose-built for utilities.

**E Source's GridInform Storm Insight accurately predicts the impact of adverse weather events and offers actionable recommendations. Our AI-powered risk management solution combines third-party data with utility data to help prepare utilities before, during, and after the storm to improve the operational performance of storm preparedness efforts.**

## An intuitive, visual tool

GridInform Storm Insight visualizes data and risk predictions in a user-friendly, scalable, and secure web application. It allows you to:

-  Access advanced geospatial capabilities using desktop, tablet, and mobile devices
-  Self-manage login credentials
-  Pan, zoom, and view aggregated information at varying resolutions and system levels
-  View prediction trends and set thresholds to trigger notifications and warnings
-  Provide storm response teams with predictions up to five days in advance

## How it works

Our machine learning models use hundreds of variables and data points to forecast and restore power outages, optimize crew dispatch, and improve worker safety. With GridInform Storm Insight, utilities can develop data-driven strategies throughout the storm life cycle:



### Before the storm.

Get consistent predictions with a comprehensive risk profile and proactive storm planning to minimize downtime, assess outages, and repair infrastructure.



### During the storm.

Use storm close tracking to plan work crews and model forecasts to restore outages, supported by accurate estimates of restoration and arrival time.



### After the storm.

Track restoration progress, visualize and adjust crew mobilization in real-time, request mutual assistance, and analyze events for data-driven decisions.

## The benefits

**30%**

increase prediction accuracy  
a day before a storm\*

**20%**

increase in prediction accuracy  
three to five days before a storm\*

*\*When compared to traditional storm preparedness approaches.*

To learn how E Source can help your utility improve its storm outage prediction accuracy, contact us at [esource@esource.com](mailto:esource@esource.com).

For more information about E Source's data science services, visit [www.esource.com/data-science](http://www.esource.com/data-science).



We know utilities.