

Take your outage and damage prediction to the next level with actionable, precision insights

Customers, utility executives, and regulatory agencies all want the same thing — power that's always on. When severe weather impacts service, they demand fast restoration.

We can help. Our Storm Impact Analytics allow you to better plan staffing and power restoration with sophisticated, quantified outage predictions for your unique operations.

With Storm Impact Analytics you can:

Improve your outage response strategy — it uses machine learning to see how your utility responds to storms and creates models to accurately predict the impact of future events.

Boost customer satisfaction — its precision insights can help you restore power even faster.

Act confidently — you can trust our proven, professional meteorological guidance, available 24/7.

Turning weather forecasts into actionable data for asset damage prediction improves power restoration efficiencies and supports a higher level of preparedness. In today's industry, it is vital to move beyond simply looking at a weather forecast to accurately anticipating the impact on your customers and your operations. With Storm Impact Analytics, you can optimize restoration and recovery efforts within your service territory.

Comply with public service commissions — it helps you do everything you can to properly prepare for storms and improve your cost recovery.

Enhance damage predictions — incorporate your network infrastructure and factor in vegetation and tree trimming cycle data for more targeted insights.

Storm Impact Analytics

With its machine learning, Storm Impact Analytics is trained on how your utility responds to storms, using historical weather and your own historical outage incidents to predict the impact of future storms on your unique operations. It understands how your infrastructure has responded to past storms, learning differences in network design, the age of individual infrastructure components, maintenance practices, vegetation types and locations, and the impact of tree trimming. This enables greater accuracy and precision in predicting future storm-related outage incidents. It is far more sophisticated than regression analysis or other statistical methods. All of this "learned" insight is then incorporated into WeatherSentry® Utility Edition and paired with professional human meteorological guidance, 24/7, for a solution that takes your emergency preparedness to the next level.

The benefits of quantitative predictions

- Better storm preparation and faster power restoration by understanding the likely impact of the what, when, and where of each storm.
- Greater confidence with a reliable quantitative prediction that will satisfy the reporting demands of executive management and government officials.
- Additional insight into infrastructure resiliency and the value of vegetation management investments.
- A vault of operational intelligence that can be utilized by all levels of the organization — now and into the future.

The DTN advantage

- Storm Impact Analytics was developed in an exclusive partnership between DTN, the University of Connecticut (UConn), and Eversource Energy Center.
- Integrated into the industry-leading WeatherSentry solution, and completely tailored to your storm categories, terminology, and geographic organization.
- Top-notch, 24/7 meteorological guidance to accompany the predictions.
- Recognized as a top-rated precipitation and temperature forecaster in the industry for the past 10 years, as determined by an independent third party.