



WEATHER • GLOBAL

DTN Weather Hub Planning Intelligence

Confident storm preparedness for utility emergency managers.

THE CHALLENGE

For utility emergency managers, every storm requires balancing preparedness costs against the risk of widespread outages. Preparing too early can lead to unnecessary contractor expenses, idle crews, and inefficient resource deployment. Waiting too long can increase outage duration, impact customer safety, and expose the organization to regulatory and reputational risk.

THE RESULT

Most utilities still rely on weather maps, multiple forecast models, and expert judgment to determine:

- When to activate emergency operations
- Where to stage line crews and mutual assistance
- When to mobilize contractors
- Which service territories require the greatest attention
- How preparedness should evolve as forecasts change

WHAT YOU CAN DO

Use Planning Intelligence to:

- 1 Quantify operational risk**
Move beyond deterministic weather forecasts with probabilistic guidance that shows the likelihood that weather conditions will exceed operational thresholds.
- 2 Know when to escalate response**
Track how storm risk evolves over the next seven days so emergency plans can be activated at the right time — not too early, not too late.
- 3 Prioritize the highest-risk service areas**
Visualize geographic risk across your service territory to improve crew staging, contractor deployment, and asset protection.

HELPS YOU...	BY ENABLING...
Improve outage preparedness	Risk-based planning before severe weather arrives
Protect critical grid assets	Geographic prioritization of substations, circuits, and service territories
Improve response timing	Daily and hourly visibility into changing risk conditions
Reduce unnecessary preparedness spending	Smarter activation decisions aligned with forecast confidence
Optimize crew and contractor deployment	Better staging based on evolving operational risk

WHY PLANNING INTELLIGENCE

Purpose-built for utility emergency management. Planning intelligence extends Weather Hub by translating forecast uncertainty into operational guidance that supports confident preparedness decisions up to seven days before severe weather impacts utility operations.

Business outcomes for utilities:

- Reduce storm-related service disruptions
- Lower unnecessary storm preparation costs
- Increase operational confidence before severe weather
- Improve preparedness decision accuracy
- Improve outage response timing
- Strengthen grid resilience during extreme weather events
- Optimize crew and contractor utilization
- Prioritize the highest-risk service territories

Designed for modern utility operations — it complements existing enterprise systems including SCADA, GIS, ERP, and cloud platforms, while helping emergency management teams improve grid reliability, optimize response, and support regulatory readiness.

GET STARTED

See Planning Intelligence in action

Discover how utility emergency managers use planning intelligence to prepare earlier, deploy resources more effectively, and improve operational readiness before severe weather impacts the grid.

[Learn More →](#)dtn.com/weather