

Accurate weather intelligence for accurate load planning.

Weather is an important part of your operations. And unfortunately, it can be incredibly unpredictable. In fact, some studies show that more than 90 percent of errors in load forecasts are due to inaccurate weather information. But with DTN's Web Services, you can have the precise information you need for load planning and response time — all integrated into a single, comprehensive view. So you can plan better, respond faster, save money, and keep your people safe.

With DTN Web Services you can:

- Enhance your situational awareness of your service area.
- Optimize operational decisions through improved visualization.
- Improve power marketing and distribution management.
- Discover patterns to anticipate likely scenarios and create response plans.

"DTN helps us anticipate possible overload situations, giving us time to transfer load and do switching in the field. Ultimately, having accurate temperature forecasts helps us ensure our customers have the power they need."

City of Naperville Electric Department

DTN Web Services

Information is better when it's shared.

DTN's Web Services provides some of the most accurate forecasts in the industry, helping you predict loads that most accurately reflect actual demand. With this information, you can avoid excessive base loads while limiting imbalance penalties. Plus, these feeds can be integrated directly into the applications and websites you already use, and the system makes information sharing simpler than ever by letting you economically disseminate data to a large group of users. That means you can make the best possible operational and business decisions through your entire organization.

How it works

- We provide high performance delivery of GIS-based weather data hourly and monitor the deliveries 24/7 to ensure timeliness and accuracy.
- Web Map Services provide weather content for overlay in your applications and websites.
- Web Features Services provides the same information as data with geospatial encoding.
- Hourly and daily forecasts are available for a 15-day outlook.

- Parameters include temperature values, heat index, humidity, precipitation type, and more – the information important to you for energy planning and operations.

What it means for you

- A single, comprehensive source of weather data lets you streamline your website and application development and reduce development costs.
- Complete and consistent delivery of accurate weather information to all users makes for better decision-making, planning, and communications.
- Predictive capabilities let you identify at-risk areas and take proactive steps to protect them.

The DTN advantage

- Our forecasts are recognized as the most accurate in the industry, giving you superior information.
- We deliver operational weather intelligence to more businesses and government organizations than any other provider in the United States.
- We provide parameters not available from free sources, including irradiance, evapotranspiration, and more.
- Live customer support is available 24/7.