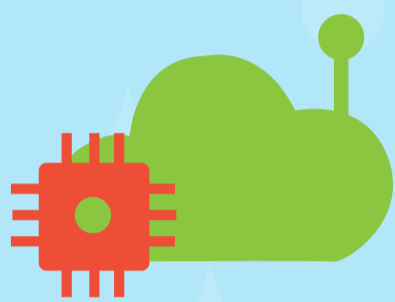# IBM & The Weather Company

## Transforming Energy & Utilities

Weather is responsible for nearly **half a trillion dollars** in economic impact each year in the U.S. alone.

## The Weather Company utilizes

Over **140,000** IoT-powered weather sensors

**+**

**Millions** of smartphones, buildings and moving vehicles

**=**

**2.2 billion** unique forecast points worldwide

## Weather Means Business™
### Predicting Disruptions & Preventing Outages

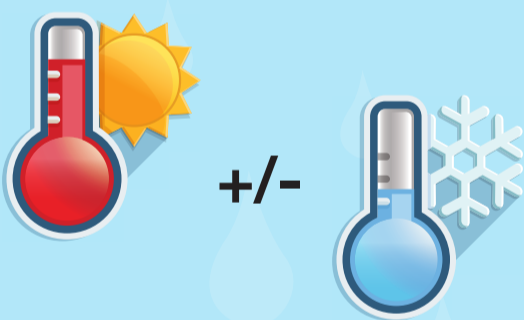**70%** of power outages are weather-related and can have significant financial impacts

A large US utility company saved **$1 million** during a recent severe weather episode by predicting outages

Our solutions delivered **79% accuracy** in predicting outages up to 5 days in advance

### Accurate Consumption Prediction & Energy Waste Reduction

Utility companies can determine the impact of a **small increase or decrease** in temperature and relative humidity

Even just **5 degrees** can dramatically impact air conditioning use and power consumption

TEXAS

The difference between 90 and 95 degrees in Texas equated to **$24 million** more in electricity spending per day

### Predict Asset Failures

Wind turbines are at high risk of being damaged by lightning

Updated forecasts every **5 - 15 minutes** and exclusive StrikeZone forecast predicts lightning 30 minutes in advance

Hyper local weather data plus predictive asset maintenance reduces weather related asset failures

Learn more about what this exciting partnership between **IBM & The Weather Company** can do for Energy & Utilities at **IBM Insight 2015**, or if you can't make it to Las Vegas check out the conference live stream on **IBMGO**.

IBM | The Weather Company