

Weather Data Interface

Description

There is a direct correlation between weather conditions and consumer usage patterns. By correlating these two variables, distinct patterns can be established to assist in planning and identifying lulls and spikes in usage. In addition, Customer Service Representatives (CSRs) can combine usage and weather data to better explain usage to their customer base during inquiries. Logic provides the solution to incorporate a Weather Data interface which allows utilities to monitor and correlate usage patterns with weather conditions. Incorporating this application will save CSRs time during customer inquiries and will also provide end users a visible correlation between their usage and current weather conditions.



Features

Weather Data interface is a software application that can be added to the core Logic solution in order to overlay weather data with consumption graphs. During a routine inquiry of a customer's usage, the corresponding weather will display over top of the usage graph providing the CSR a visual representation. The Weather Data Interface contains weather data, including:

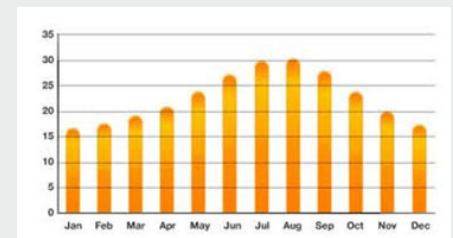
- Temperature (Hourly)
- Humidity (Hourly)
- Wind Speed (Hourly)
- Wind Direction (Hourly)
- Weather Conditions (Hourly)
- Precipitation (Daily)

This data is automatically downloaded and uses data from TheWeatherNetwork.com for a weather station(s) in the utilities service area. This information is then inserted into the Logic database and applied. It is then presented as usage profile graphs to allow CSR's and customers to view correlation of usage to weather patterns.

In addition, establishing weather normalization can be useful to the utility in the following applications:

- Establishing critical peak programs
- Operational load analysis
- Forecasting Demand Response

- Monitoring sprinkler applications during times of precipitation



NOTE: Weather Data Interface is applicable to both the core Logic solution and Logic Customer Portal.

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