

DEMAND FORECASTING

Legacy forecasting system would not run quickly enough for capital markets futures positions to be taken



Problem

- + Forecasting system must run in less than 12 hours
- + Using major data center, legacy system did not always finish in time
- + Utility also needed to increase system size and capacity
- + Utility needed to accurately bid in futures market

Why Fractal

Fractal Programming enabled the development of a demand forecasting App that runs over 1,000 times faster than the legacy App.

Forecasting system was delivered in a single business quarter and is more accurate than legacy system.

Solution



Fractal Programming enabled new demand forecasting system to be written and deployed in a single business quarter



Dramatically increased accuracy and number of scenarios that can be run

Uses full customer data set instead of just a data sub-set



System runs in minutes instead of hours

Financial Impact



Added accuracy of forecasting 100% of the data, not samples, impacts millions of dollars of futures contracts each year.

