

FORECASTXM

Attiki Gas Supply Company (EPAA) is the single major gas supplier in the Attica basin, serving 330.000 households, 200 large commercial and industrial clients, 6.500 businesses and 1.200 schools and public buildings.

THE CHALLENGE

EPAA sought to improve the service it provided to its customers by constantly finding new and innovative ways to improve its operations. Part of its obligations is to report daily its natural gas capacity booking, the estimate of which is directly related to the company's cost savings strategy.

OUR SOLUTION

Ex Machina worked closely with EPAA to address this challenge. The first step was to obtain the necessary historical weather data for training the machine learning algorithm. Once these were identified, the next step involved the automatic delivery of the data duly processed and in the desired format. After validating quality of service and the accuracy of results, ForecastXM started feeding this information into the main system of the supplier.

THE RESULT

The platform by Ex Machina provides the high-quality weather data and reliable forecasts that EPAA needed. The platform is underpinned by Microsoft Azure ensuring a quick integration, reliable uptime and security.

ForecastXM has significantly improved EPAA's gas demand forecast capability with machine learning technologies ensuring that the platform becomes more sophisticated with each passing day.



“Ex Machina provides high quality weather data and reliable weather forecast, through their cloud platform, optimizing the effectiveness of our forecasting algorithms.” – Panagiotis Kondogiorgos, Market Analyst, Attiki Gas Supply Company

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