

CASE STUDY: *AUTOGRID* – The Data Game in Distributed Energy Arena

Brief Summary:

Today it's easier than ever for anyone to become an energy producer. The multiple commercial and industrial businesses produce energy which is fed into the Grid system. Thus, a rising opportunity for a system dealing in the distributed energy world, allowing utility companies to better understand optimizing their grid. AutoGrid helps utilities automate distributed energy management by using machine learning to process data from millions of energy assets and predict demand patterns.

What it Does?

Autogrid uses its bespoke software platform and multiple applications including demand response optimization, distributed energy management, virtual power plant, and energy storage management. These applications then automatically match energy supply with user demand and manage distributed energy resources, and it helps customers easily create value from their own energy assets.

How it Works?

AutoGrid runs a suite of applications powered by NLP various modules to extract various data coming out of devices and sensors from every power generation entity such as businesses, industries, and homes to calculate their real-time customer data, and pricing details and using AI tools to predict patterns and using the information to adjust the distribution of energy and energy inputs over time.