

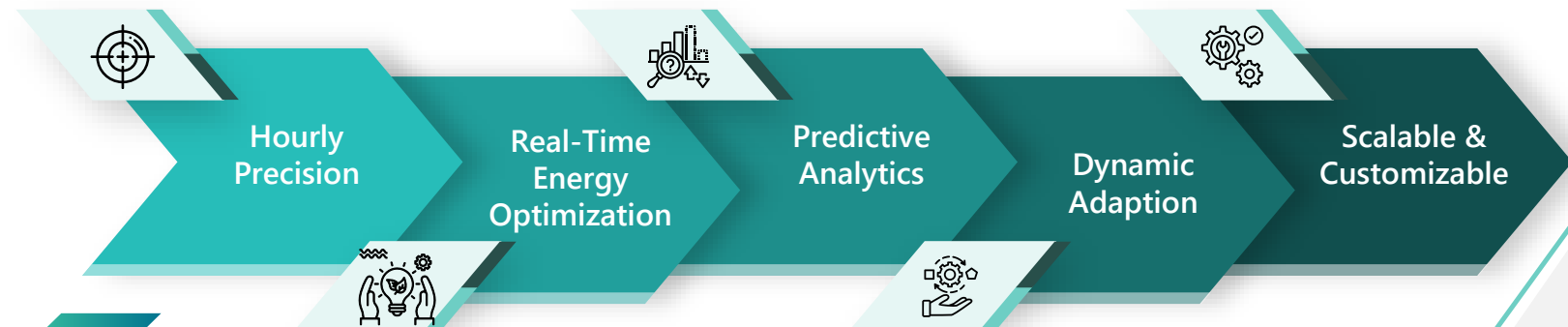
# Maximize Energy Resource Efficiency with Our **Hourly Energy Matching & Allocation Solution**



The Hourly Energy Matching & Allocation solution empowers enterprises to **synchronize electricity generation with hourly consumption patterns**. Built on **Azure Synapse, Azure IoT Hub, Azure Data Lake Storage, and Azure Functions**, it ensures precise, data-driven power allocation. Utilizing **automation, predictive analytics, and real-time monitoring**, the platform **minimizes excess generation and shortages, cutting operational costs and enhancing grid stability**. By optimizing renewable energy use and reducing fossil fuel dependence, it supports cleaner energy adoption. Scalable and compliant, it helps enterprises **meet regulatory standards while driving environmental and financial sustainability goals**.

*Gartner projects **global IT spending** in the power and utilities sector to reach **\$249.1 billion in 2025**, a **10% increase** from **\$231.2 billion in 2024**. This growth is expected to continue with a **10.3% CAGR**, reaching **\$385.6 billion by 2029**.*

## Key Features



## Core Benefits



## Impacts

