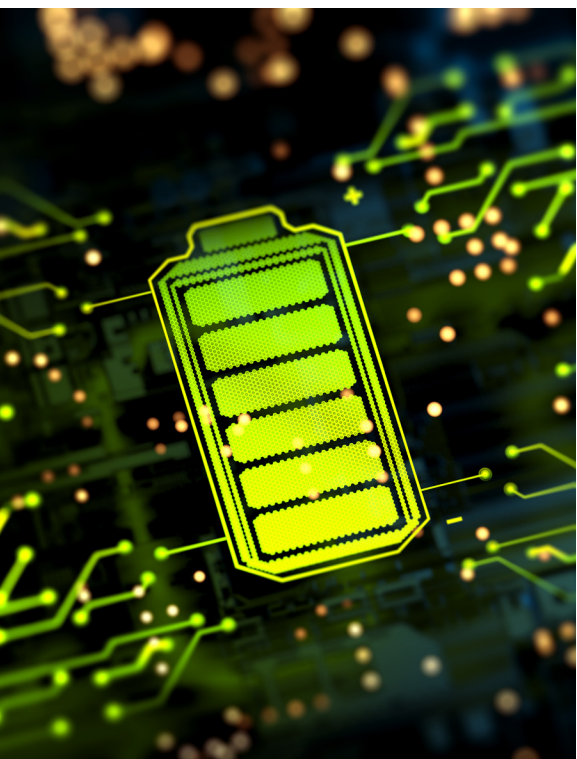


# Energizing the Cloud Journey in Utilities

A leading utilities services company leverages TEKsystems Global Services (TGS) to transform their data pipeline with Snowflake, investing in an optimized, data-driven future.





# Mastering Momentum in Energy

Our customer supports [utilities companies](#) by tapping into the industry's largest asset data to assess asset health and system resiliency. This also includes modernizing infrastructures and processes to provide safe and reliable services. When the customer required an upgrade involving the migration of their data to Snowflake, they worked with TGS, a partner known for their expertise in utilities and the Snowflake platform.



## **What We Did**

[Application Innovation](#)

[Cloud Services](#)



## **Industry**

[Energy](#)



## **Results**

Migrated data from legacy system to Snowflake data warehouse



## **Key Integrations**

[Snowflake](#)

## **The Challenge**

### **Shifting to a Snowflake Modern Data Platform**

#### **Building a Grid for Data Modernization**

As a market-leading provider in utilities infrastructure, our customer needed to ensure their own data pipeline enabled scalability and informed decision-making. With a modern data platform, they could create more dynamic reporting to optimize efficiencies and reduce complexities. Moving their data from on-premises to Snowflake would allow enhanced data analytics and real-time data insights, accommodating multiple sources of data.

## **Our Solution**

### **Constructing a Snowflake Data Warehouse**

#### **Renewing Reporting and Data Management**

Early in their cloud journey, they sought a collaborative partner for this transition. Migrating to a Snowflake data warehouse required industry expertise and effective data solutions. As a Snowflake Elite Partner, TGS delivers modernization frameworks and implements unified data solutions on Snowflake, enhancing data management to help achieve their objectives.

With TGS providing the technical leadership and change management framework, our customer could embrace the cultural evolution from on-premises to the cloud.

The plan:

- Build a Snowflake data warehouse, which our customer can use for income statement details, profit and loss, and balance sheet ledger model reports.
- Create dynamic table reports using enterprise data warehouse (EDW) data.
- Develop Snowflake dashboard reports for data load monitoring and Snowflake object inventory.



## Powerful Partnership

# Establishing a Data Warehouse and Custom Reporting

## Structured Industry Best Practices and Solutions

TGS provided real-time recommendations and insights throughout the process, ensuring the customer stayed up to date on revised timelines and deliverables. Our experts regularly implemented industry best practices and worked collaboratively with the customer to identify solutions, even building out additional features outside of the initial project scope.

Key initiatives included:

- Building the customer's data pipelines and standing up the Snowflake instance for the modern data platform
- Establishing a data warehouse to accommodate multiple sources and dynamic reporting capability
- Creating custom ingestion reports to help the customer import their data
- Documenting a runbook detailing all procedures and step-by-step guidance on data ingestion and load
- Writing custom Python and SQL scripts to avoid additional spending on tools

## Real-World Results

TGS worked on a sprint-based model, designing data models for NetSuite in Snowflake and creating customized templates for loading data. By creating dynamic reports, TGS helped the customer access data-driven reporting across the organization, boosting speed and performance while enabling better business decisions. This industry leader continues to support a stronger, safer and more resilient power grid, helping communities minimize risk and keep the lights on—literally.

Reduced costs by  
creating custom scripts

Developed data ingestion  
procedures and dashboard reports

Improved overall speed  
and performance

## About TEKsystems and TEKsystems Global Services®

We're a leading provider of business and technology services. We accelerate business transformation for our customers. Our expertise in strategy, design, execution and operations unlocks business value through a range of solutions. We're a team of 80,000 strong, working with over 6,000 customers—including 80% of the Fortune 500—across North America, Europe and Asia, who partner with us for our scale, full-stack capabilities and speed. We're strategic thinkers, hands-on collaborators, helping customers capitalize on change and master the momentum of technology. We're building tomorrow by delivering business outcomes and making positive impacts in our global communities. TEKsystems and TEKsystems Global Services are Allegis Group companies.

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