

Manufacturing Plants: Is Data Visualization and huge OPEX utility bill your problem?

Highly customizable application W.A.G.E.S for data visualization across globe and insights and analytics for OPEX reduction



With energy prices in a constant state of flux, operating plants across industries are struggling to optimize their Water, Air, Gas, Electricity and Steam (W.A.G.E.S) consumption. The answer for many of these organizations lies in identifying energy-saving opportunities through large-scale audits and optimizing plant operations, while mapping overall capital expenditure.

WAGES : What it is?

It is a cloud based application for monitoring and optimizing Water, Air, Gas, Electricity, Steam KPIs for manufacturing plants to reduce energy OPEX. The solution provides unified view of energy/resource consumption across geographically spread plants by collecting data from various standard historians.

- **OPEX saving 5-7% annually**
- **Cost estimation for the potential CAPEX/OPEX opportunities with ROI proposal**
- **Insights to save energy to the tune of 20% of annual energy budgets**



Reduction in OPEX

Aggregation of data on common platform Helps to visualize and develop insights and analytics to reduce the consumption of utilities

Identification of under performing assets

The insights & data analytics done across all the plant assets helps to identify the underperforming assets.

Benchmarking utility consumption

With data aggregating from all the plants on the basis of utility, the data and insights can be used to benchmark the utility consumption across similar plants following same processes.

Business benefits

Proof & Statistics



- OPEX reduction with one of the F&B customer by 5-7%
- Implemented across three plants across the globe and in phased manner across 23 plants globally
- ROI model shared with CAPEX / OPEX saving opportunity

WAGES empowers you to visualize your utility consumption across globe and provide various KPIs, dashboards, insights & analytics over the data generated

An offer to get you started

- Connect your plant to our WAGES application and get the visualization
- Reduction on ever rising energy utility bills annually
- Customize, plug and play & visualize the energy dashboard and KPIs along with consumption and cost
- Manufacturing plant lack the data aggregation across the plants globally to build insights and benchmark the performance

Tangible Benefits / Desired Outcomes

- OPEX saving 5-7% annually
- Cost estimation for the potential CAPEX/OPEX opportunities with ROI proposal
- Insights to save energy to the tune of 20% of annual energy budgets

Why L&T Technology Services?

We are a leading global ER&D services company, backed by the rich Engineering expertise and experience of our parent company, Larsen & Toubro Limited. Larsen & Toubro is an Indian multinational engaged in technology, engineering, construction, manufacturing and financial services with USD 20 billion in revenue. It operates in over 30 countries worldwide.

WAGES – Azure Implementation

