
SWITCH TO RESULTS IN RESTAURANTS

Domain specific solutions for restaurants to monitor, manage & reduce energy consumption.



Adding Sustainability To The Menu

Energy is the third largest variable cost in the restaurant industry after raw materials and direct labor, representing an average of 5% - 7% of the company's turnover depending on the format of the business.

With rising prices that have increased on an average of 30% over the last 5 years, energy costs have become an important factor that needs to be smartly managed towards profitable running of any restaurant or café chain.

Also, increasing environmental regulation as well as growing activism from watchdogs and Public Interest Institutions is propelling restaurant managements to take definitive actions to reduce their energy footprint.

Optimizing Energy Usage For Maximum Profitability

Establishing good control on energy usage inside a restaurant simplifies management of food safety compliance, reduces equipment downtime and operating costs, increases useful life for the equipment, optimizes utility procurement etc., all of which go a long way in sustaining market leadership, competitiveness and profitability.

Responsible restaurant owners and operators are setting internal targets around reducing energy intensity & carbon footprint, so that they make a positive environmental impact in the communities they operate in and at the same time create a positive brand impression that would appeal to an increasingly eco-friendly consumer.

Wipro EcoEnergy – Making Energy Work For Restaurants & Cafés

At Wipro EcoEnergy, we offer a fully integrated energy management solution called Wipro Energy Manager (WEM) along with a robust energy services portfolio. Our restaurant domain expertise is the foundation of our service. We use a unique innovative energy management platform along with a robust analytics framework to uncover energy-saving insights and ensure the sustainability of the realized savings for the client.

ENERGY SAVINGS FROM CURRENT PROJECTS RANGE BETWEEN 7% AND 13%

Why Wipro EcoEnergy?



Full stack multi-restaurant solution consisting of Intelligent Hardware, Software and Services



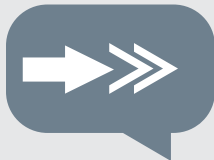
Innovative Managed Energy Services Model for guaranteed savings



Ensures sustainability of realized energy savings



Safeguards compliance



Ensures alignment with the existing control and data systems

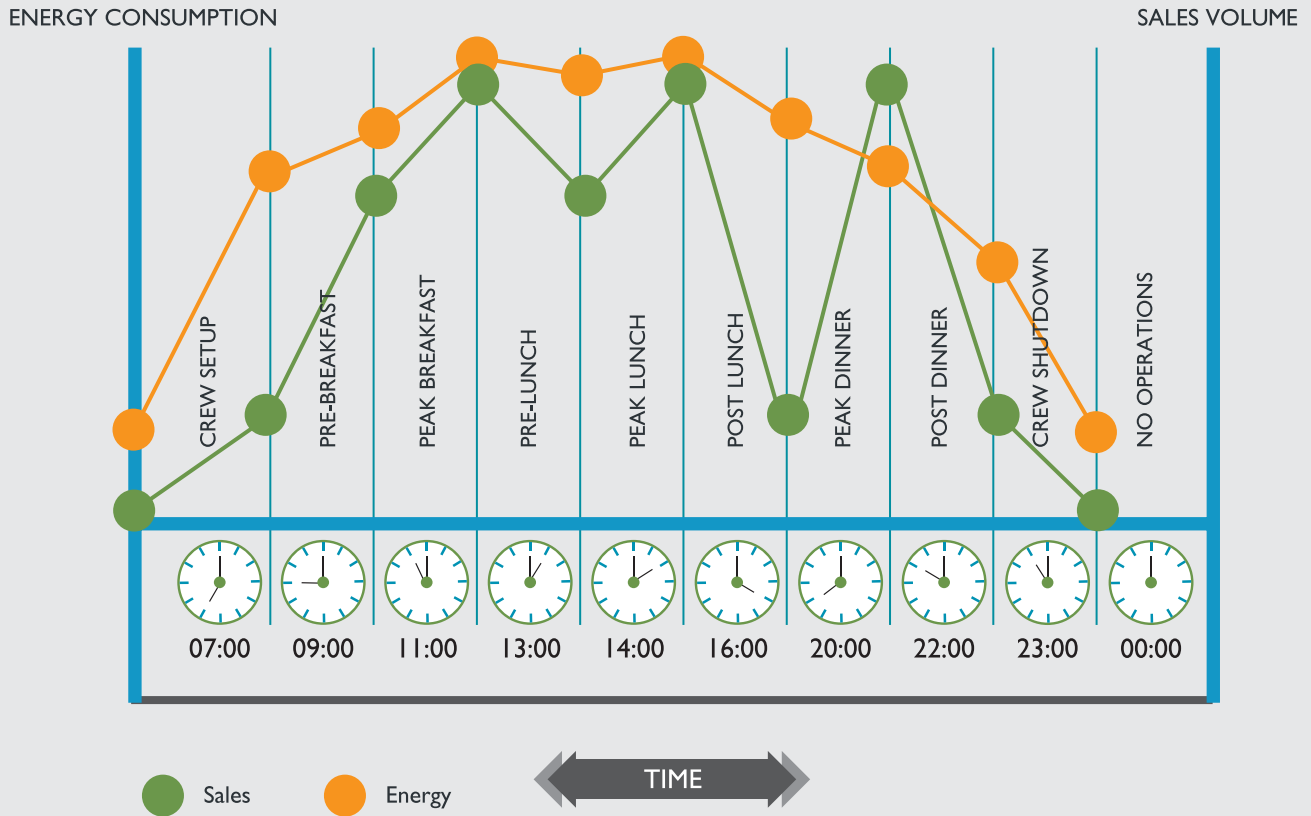
Best-in-class Energy Service Offering

Energy consumption pattern across restaurants is different and is dependent on multiple factors viz. type of consumption equipment and their condition (age, maintenance, technology, etc.), sales turnover & footfalls, seasonality, weather, type of retail outlet (layout, size, orientation etc.). There are large fluctuations in energy consumption in a restaurant within a working day as well as during the week and across months as well. While all these complexities exist at each individual site, the energy management challenge increases manifold when energy needs to be managed across a network or chain involving thousands of restaurants.

Wipro EcoEnergy's analytics-driven Energy Management Solution called Wipro Energy Manager (WEM) enables restaurants to monitor, control and in turn optimize their energy consumption on a near real-time basis.

Each restaurant experiences a number of Service Windows during a 24-hour period.

Significantly, large amount of energy gets consumed in Service Windows that generate very little revenue.

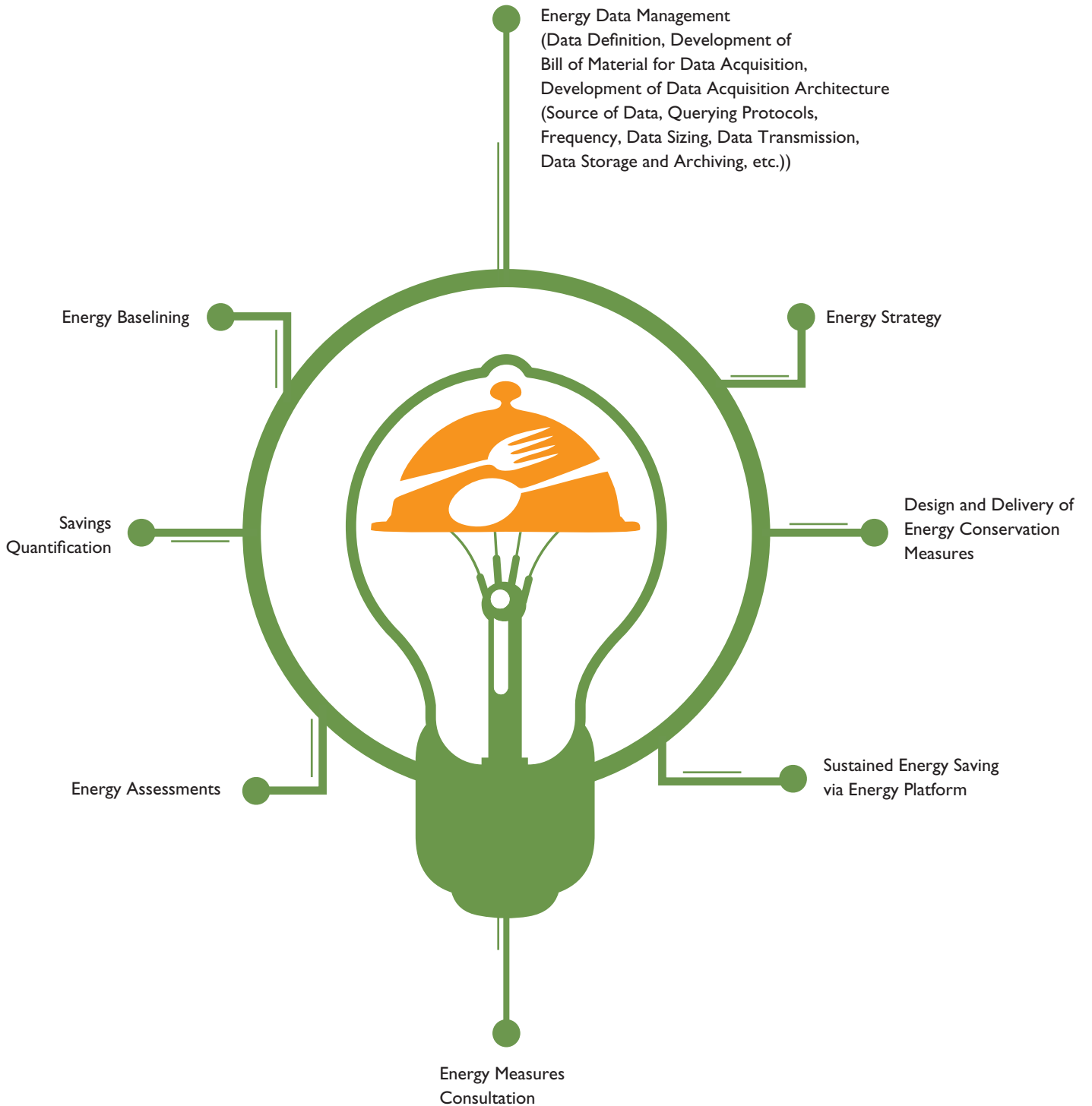


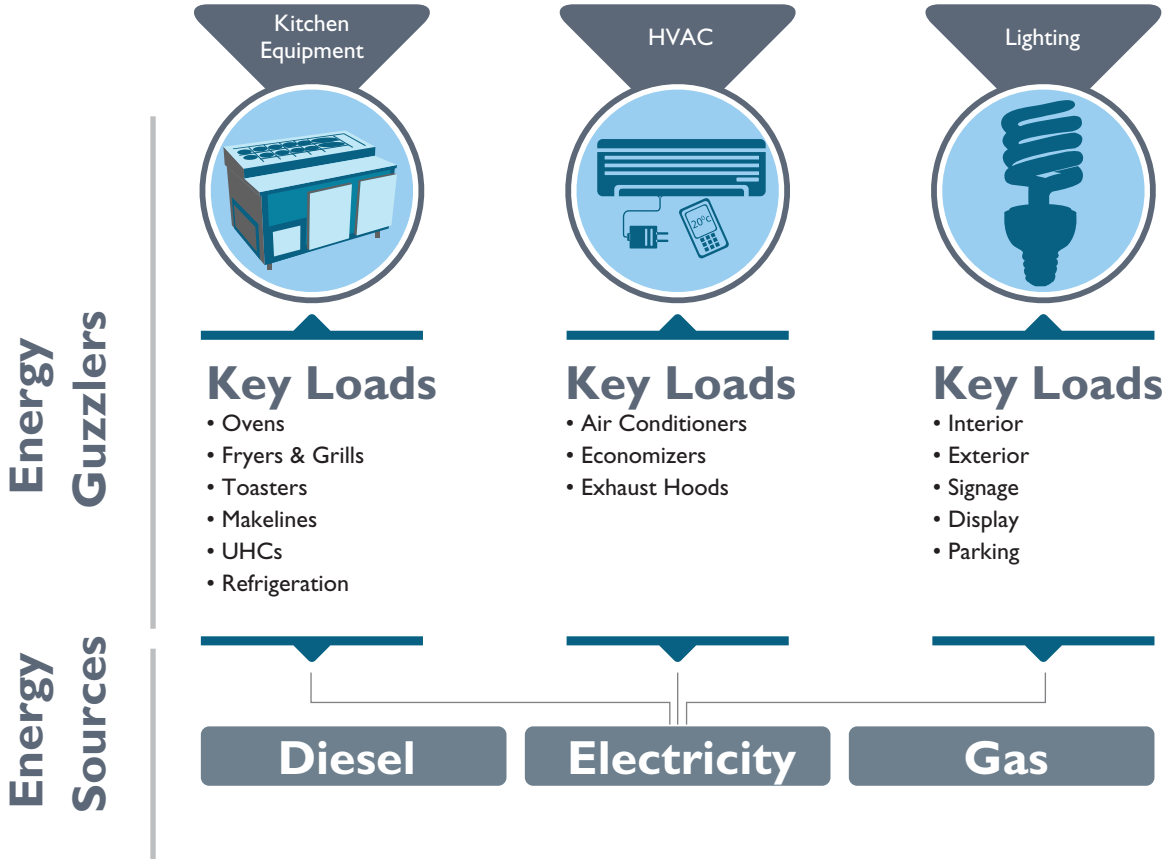
The number and duration of Service Windows depend on:

Customer Inflow | Equipment Utilization | Weather | Restaurant Type

The solution is built on a breakthrough approach called Service Window™. This framework allows for identifying the unique energy profiles that a typical restaurant goes through during its operations. The energy profiles are results of the business volume, weather, equipment usage, menu etc. We believe that energy profiles for each of these Service Windows (crew setup, breakfast, pre-lunch, lunch, post-lunch, dinner, post-dinner and drive-through) would be different. These unique profiles get repeated every day with a fair degree of consistency. Using the Service Window™ framework, it is possible to align the business intensity (measured in guest count, sales etc.) with the energy intensity (measured in kWh).

As a part of the engagement approach, our team of Subject Matter Experts conducts a detailed energy profiling of sample restaurants, laying down the foundation for Restaurant's Energy Consumption that includes:





Wipro Energy Manager Snapshot

Figure 1: Snapshot of Wipro Energy Manager Application showing the Enterprise Energy Management Dashboard



Figure 2: Snapshot of Wipro Energy Manager Application showing temperature policy compliance for customer comfort

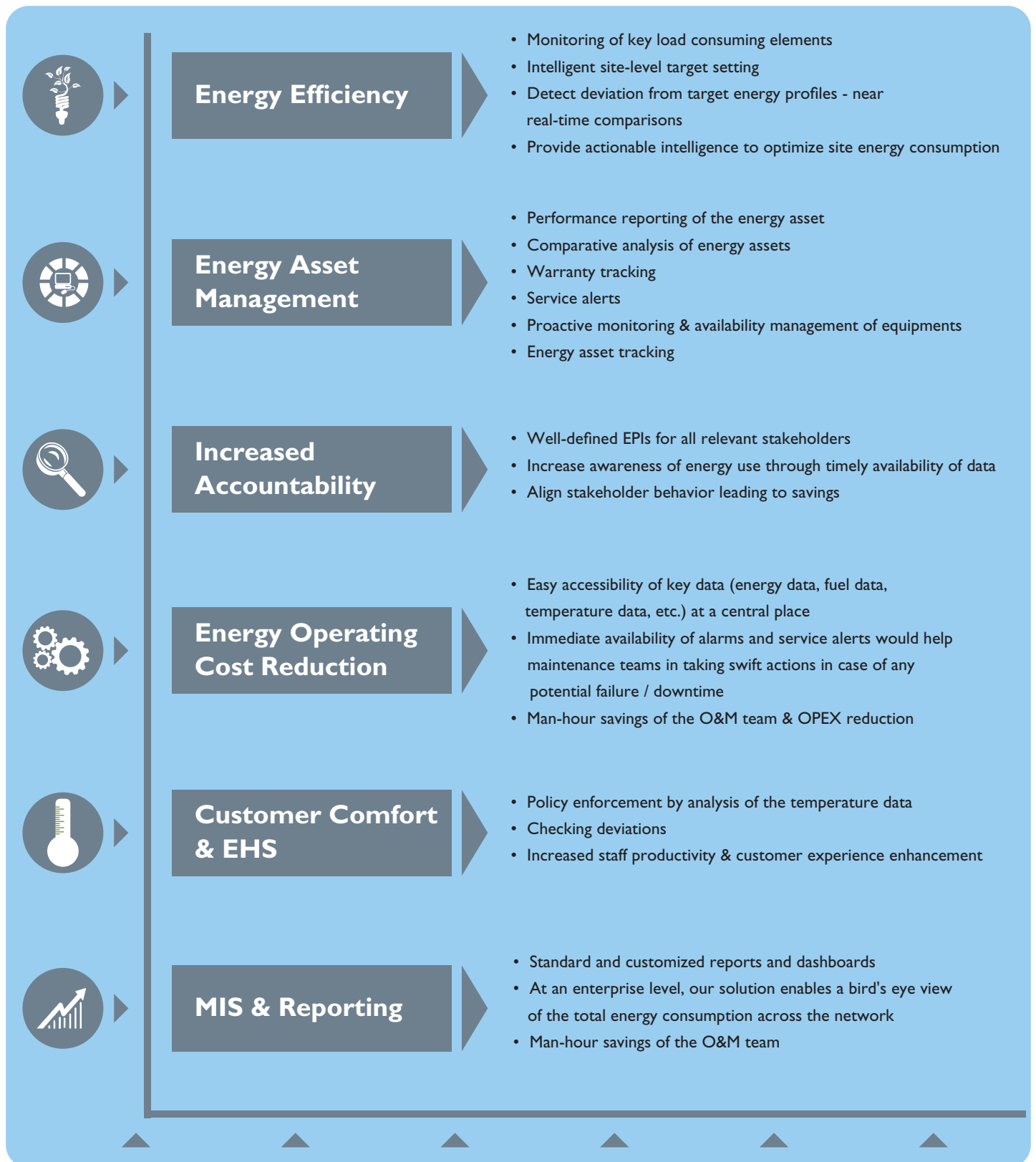


Figure 3: Snapshot of Wipro Energy Manager Application showing a Makeline's Temperature trend at a site

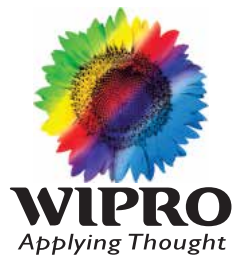


Value Proposition For Restaurants And Cafés

Wipro Energy Manager (WEM), along with the portfolio of energy services, enables the Restaurant owners and operators to not just save energy but also transform the entire operations & maintenance aspect of running the restaurants. The WEM platform enables precise intelligence which saves man-hours which can now be focused on customer management and customer satisfaction.



WEM enhances productivity of operational teams while bringing tangible energy savings.



About Wipro EcoEnergy

Wipro EcoEnergy is the energy services business division of Wipro Limited that provides intelligent, sustainable solutions for energy consumption and management. Utilizing leading edge analytical tools we deliver energy-efficient solutions to our clients that help reduce their carbon footprint, energy usage and recover avoidable energy losses.

Our Managed Energy Services holistically address the entire spectrum of energy and sustainability, providing sustained energy savings. We have created a strong local ecosystem of partners in North America, Europe and APAC, and have deployed our Energy Management Services for a number of companies around the world. Our clients have realized substantial energy savings and cost reduction during the course of their engagement with us.

For more information please visit www.wiproecoenergy.com or write to ecoenergy.info@wipro.com