

LEADING THE WAY WITH TECHNOLOGICAL INNOVATION



KBK ELECTRONICS (PVT) LTD.



OHSAS 18001
BUREAU VERITAS
Certification



ISO 9001
ISO 14001
BUREAU VERITAS
Certification





KBK Electronics was incorporated in the year 2002 as a Private Limited Company with the objective to work in the Electrical Engineering Field as a manufacturing and trading company providing quality products and services at affordable prices. In its first year of operation, KBK entered into a Joint Venture with Hexing Electrical Group of China, which is the first international Joint Venture for the manufacturing of Electricity Meters in Pakistan.

KBK has set-up the most modern, fully temperature controlled, dust proof and eco-friendly Energy Meter manufacturing factory in the country which started its manufacturing operations in the year 2003. The factory is located at 31st km, Ferozepur Road, Lahore. The covered area of factory is approximately 47,000 sq. ft. and another 83,000 sq. ft. is available for future expansions.

"Our Vision is to be regarded as the most innovative & eco-friendly manufacturing company by doing what is right for our customers, community and employees."

We are committed in delivering world-class products backed by unmatched research & development and customer services. We are approved and certified by national and international organizations/agencies like Advanced Engineering and Research Organization (AERO), High Voltage & Short Circuit (HV & SC) Laboratories, Rawat and KEMA Laboratories, Holland. Our products' performance exceeds the standards set by the regulatory bodies, which further guarantees the accuracy, reliability and durability of our products.

WORLD CLASS MANUFACTURING

KBK is capable of manufacturing a diversified range of energy meters. Our skilled & motivated manufacturing team is our most valuable asset. Our workers, inspectors and testing technicians are well qualified and trained in electronics manufacturing and technology. Our management team comprises of dedicated and highly experienced and motivated professionals, giving great emphasis on team work and interdependency. The plant is made up of high performance and highly sophisticated sub units which are equipped with the most modern machines. We have an annual manufacturing capacity of 1,800,000 Nos. Static Single Phase Meters and 300,000 Nos. Static Three Phase Whole Current and LT & HT TOU Meters.

COMMITMENT TO QUALITY

At KBK, we take our commitment to quality very seriously as demanded by our valued customers. KBK has developed a company culture where quality is given the top priority, innovation is encouraged, systems are strictly followed and fool proof inspection procedures at every stage of production are carried out. Since its inception, KBK adheres to the strict quality management system standards of ISO 9001, Environmental Management System ISO 14001 and OHSAS 18001. These certifications are evidence that our manufacturing and business processes meet the exact requirements of the internationally recognized programs.

INTERNATIONAL STANDARD TESTING

Our products are calibrated and tested to meet international standards using latest Computer Controlled Electronic Precision Testing Equipment. Our products meet national and international standards e.g. DDS-50, DDS-60, DDS-65, DDS-91, DDS-98, DDS-105, DDS-110, IEC-62351, IEC-62056, IEC-61508, IEC-61970, IEC/TR-62357, DLMS/COSEM etc.



KBK AT A GLANCE

We are the largest static meter manufacturer in Pakistan.

We are also the only company who have completed AMI projects in distribution networks of all major utility companies of Pakistan.

Our Team is experienced enough to tackle all the challenges/issues that may arise during any phase of project execution.

We are leading the industry with around 5 Million Energy Meters deployed all over Pakistan till 2017. Our distinctions are

- » Low Cost Solutions
- » Uncompromising Quality
- » Longer useful life of products
- » Robust solutions tailored to customer requirements
- » Best after-sales support services in the industry

PRODUCT PORTFOLIO

We offer complete range of static and smart meters along with complete end-to-end AMI and Smart Grid solutions.

Our smart meters include

- » 3 Phase, 4 Wire LT/HT Wide-Range GPRS/3G/PLC Enabled Meter (Accuracy Class up to 0.2)
- » 3 Phase, 4 Wire HT-TOU GPRS/3G/PLC Enabled Meter (Accuracy Class: up to 0.2)
- » 3 Phase, 4 Wire LT-TOU GPRS/3G/PLC Enabled Meter (Accuracy Class: up to 0.2)
- » 3 Phase, 4 Wire Whole Current RF/GPRS/3G/PLC Enabled Meter (Accuracy Class: 1)
- » 1 Phase, 2 Wire RF/GPRS/3G/PLC Enabled Meter (Accuracy Class: 1)

All of the above mentioned meters are available in Uni- and Bi- Directional as well as Conventional and Prepayment type connections.

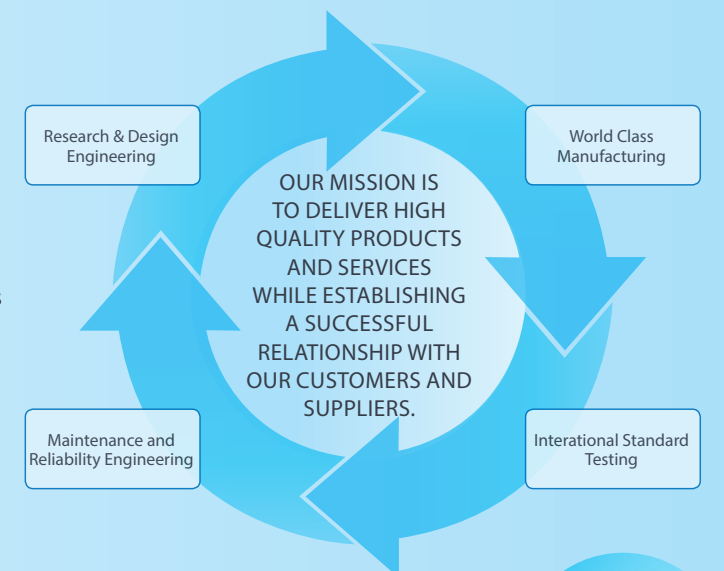
Our static energy meters include

- » 3 Phase, 4 Wire HT-TOU Static Meter (Accuracy Class: 1)
- » 3 Phase, 4 Wire LT-TOU Static Meter (Accuracy Class: 1)
- » 3 Phase, 4 Wire Whole Current Static Meter (Accuracy Class: 1)
- » 1 Phase, 2 Wire Static Meter (Accuracy Class: 1)

ADVANCED SOFTWARE SOLUTIONS

We are leaders in solving utilities' specific business challenges through our user-friendly, out of the box software solutions

- » Our MDM solution (COSMOS) is a robust solution that automates utilities' standard operating procedures, ensures true inter-operability along with many features e.g. Energy auditing, Energy forecasting, Demand response analysis, Line losses calculations, Billing interfaces, Power outage analysis, Comprehensive and custom reporting etc.
- » Our Field Installation Tool (FIT) is versatile solution to plan, track and accompany deployment of assets in the field in real time. It monitors and facilitates all Field activities including Field survey analytics, Assets management, Team management etc. and forecasts projects progress & completion.
- » We also provide custom Software, Web and Mobile application development, Technical support, IT consulting and hosting services.

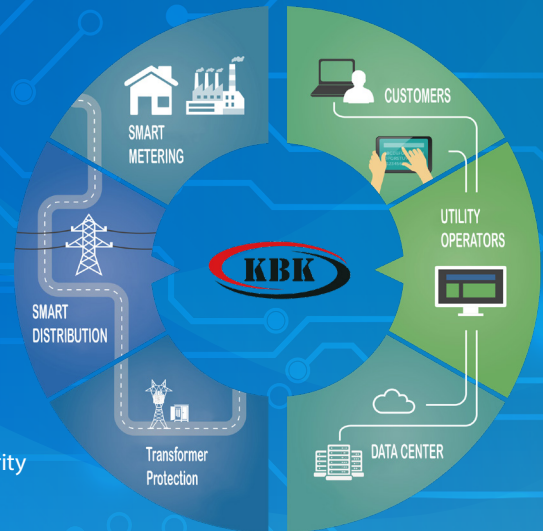


SMART GRID SOLUTION

KBK Smart Grid solution helps to distribute and consume electrical power more intelligently. Our comprehensive, innovative range of products and services can be used to reliably, efficiently and safely manage power across utility, commercial, industrial and residential markets. From power generation to power consumption, KBK's solutions create smarter homes, industries, markets and cities across the grid.

MAIN FEATURES

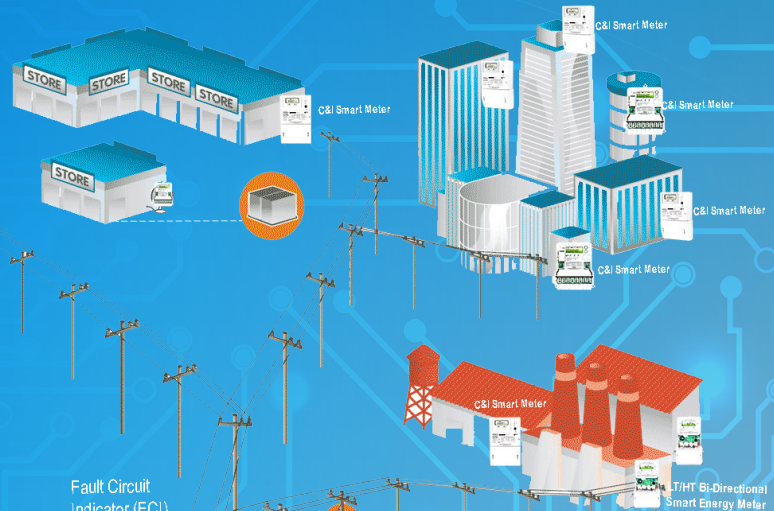
- Accurate Measurements
- ToD & ToU Functions
- Energy Auditing
- Anti-Tampering, Critical Alarms Detection
- Transformer Monitoring & Protection System
- G3-PLC and GPRS/3G Technology
- Demanded side load management
- Power Outage Management
- Network Protection and Cyber Security
- Combined Transformers (CT&PT)



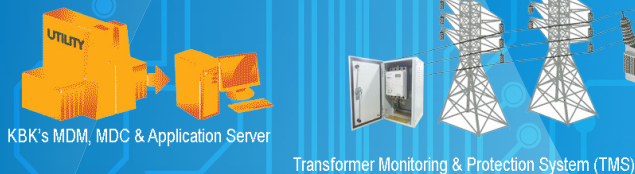
RESIDENTIAL - SMART METERING



COMMERCIAL - SMART METERING



SMART METERING NETWORK MANAGEMENT



INDUSTRIAL - SMART METERING

Line Losses Calculation on High Tension Wires



KBK ELECTRONICS (PVT) LTD.

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