Digital Energy Management Solutions
In a smart environment, where technologies are working on making life easy for us, it is critical we use the same technologies in conserving energy by providing a solution that can monitor the usage of energy and make the utilization of it more productive. Bosch's energy solutions are aimed at optimizing the energy consumption process thus leading to reduction energy wastage and leading to increase in productivity and cost savings.

Futuristic solutions for energizing the community - the right way
Our energy management solutions offer a unique process for analyzing changes in the current and voltage going into a setup and measuring the individual energy consumption and load of the devices being used. The derivations are based on consumed load, duration of usage, peak usage pattern, etc.

**ENERGY ANALYTICS**

**Bosch’s Energy Analytics**, assists in monitoring the various devices that consume energy, like chillers, motors, compressors, etc. The data of the energy consumed and utilized by these devices are read by energy readers and stored on cloud. Here the data is processed with the use of high-level algorithms to give the user or the community information as per their choice, making it possible for the right decision to be taken by them towards energy conservation leading to lower energy bills.

**5-FOLD VALUE CREATION**

- **Effective Electricity Sourcing**: Predict demand, effective trading for reduced energy cost
- **Optimize Production Plan**: Variant specific machine allocation, Evolved energy KPI
- **Improve Process and Operations**: Eliminate idling operations, optimize process and operational sequence
- **Increase Asset Efficiency**: Asset specific energy benchmarking, condition based maintenance, reduce machine downtime
- **Eliminate Wastage**: Effective peak power and power factor management, Off-hour energy optimization