

# Smart Metering for Smart Business

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# Smart Metering for Smart Business

## **Smart Metering –**

Electrical & Gas services are metered through new Smart Meters, allowing the units of energy used to be monitored live by the user and the energy provider.

## **Smart Metering Benefits –**

By having live data on the actual amount of energy used, new Smart Meters will enable the end user to understand the amount of energy used and when. Using this information the end user can make decisions on current trading / manufacturing practices.

# Smart Metering for Smart Business

## **Smart Metering Benefits –**

Energy providers purchase the energy we use from the Generation Companies. This Energy costs more depending on when we require it.

Once individual organisations are able to change their trading patterns, they will be able to take advantage of cheaper rate Energy.

Due to Energy demands being constant, the current National Grid will be able to be reduced. Cutting costs will be passed on to the Energy Companies and the end user, and help creating a Smart Grid.

# Smart Metering for Smart Business

## **Smart Grid –**

Smart Grids are essential for the use of constant Energy supplies and the introduction of multiple generation points, such as microgeneration.

## **Smart Grid Benefits –**

A smart grid takes the base information from smart meters and uses it to provide advanced capabilities. At present, the ability to do this is limited because there is not enough real-time data to model exact demand across the grid and make changes quickly enough to ensure that the use of microgeneration is optimised versus conventional generation.

# Smart Metering for Smart Business

## Smart Grid Benefits –

Smart Grids will not require the management or maintenance the current National Grid requires.

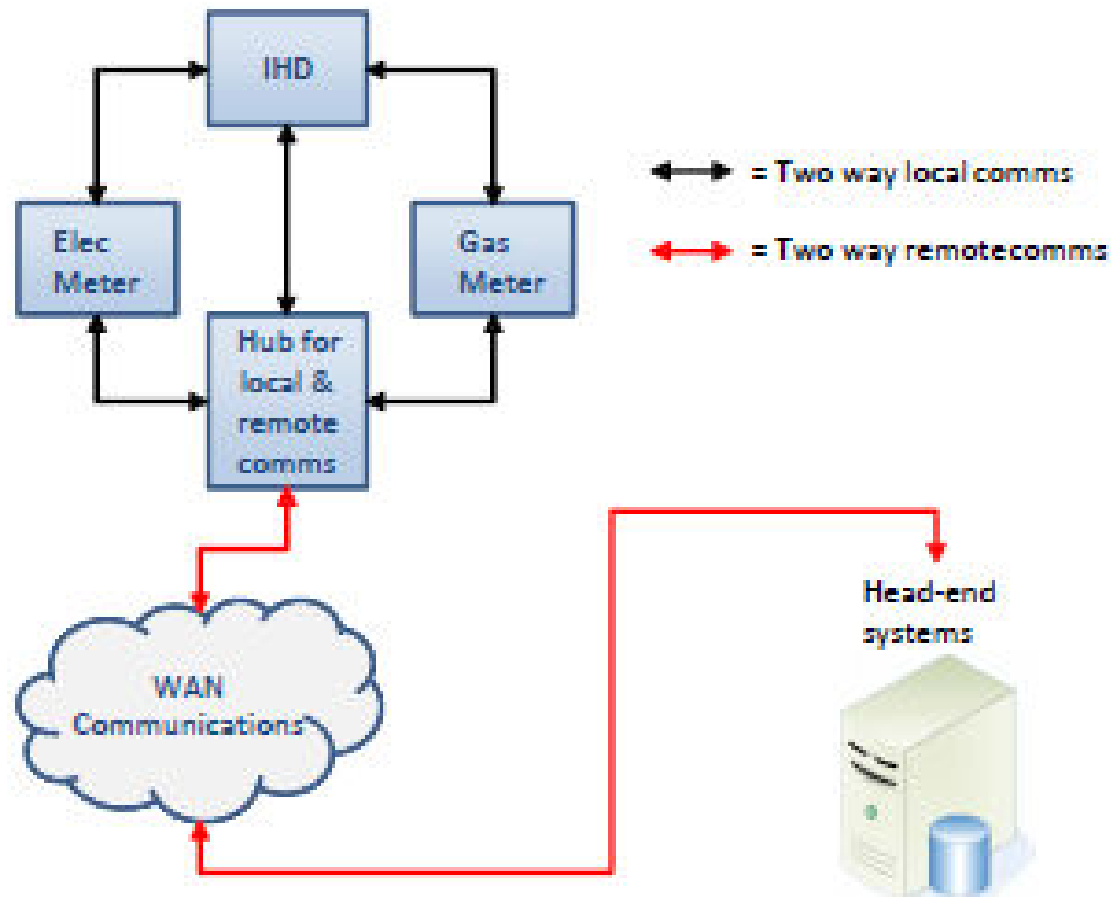
This reduction in Grid costs and the reduction in Energy generation shall be seen by the end user.

With the addition of a microgeneration technology to the organisations infrastructure considerable savings will be seen.



# Smart Metering for Smart Business

## Smart Metering Technology –



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## Smart Metering Technology –



GAS

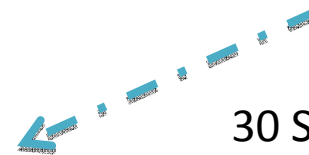
30 min



Electric



30 Sec



Customer Display

# Smart Metering for Smart Business

## Smart Metering Technology –



Electric  
Smart Meter

12:00 a.m.



Customers Request



# Smart Metering for Smart Business

## **Smart Metering Conclusion –**

Smart Meters are available to commercial & industrial organisations.

Smart Meters will allow organisations to be more in control of their energy usage.

Smart Meters will help reduce an organisations carbon footprint.

Smart Meters will help reduce an organisations operating costs.

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