

## **Smart grid could reduce US energy consumption: EPRI**

Analysis by the Electric Power Research Institute shows that deployment of a “smart grid” has the potent to reduce annual US energy consumption by 56 billion to 203 billion kWh in 2030 – corresponding to a range of 1.2 to 4.3 per cent reduction in projected retail electricity sales in 2030. A smart grid can also facilitate greater integration of renewable generation resources and greater deployment of plug-in hybrid electric vehicles, says EPRI. “There is a lot of buzz about developing smart grids,” says EPRI Vice President of Power Delivery and Utilization Arshad Mansoor. A smart grid incorporates information and communications technology into every aspect of electricity generation, delivery and consumption in order to minimise environmental impact, enhance markets, improve service, reduce costs and improve efficiency.

**Source: esaa news**