

BSES Power Conclave

Cloud based ‘Consumer Portal’ can help BSES consumers save 8-20% in energy costs

- **Energy efficiency / conservation measures showcased at BSES’ ‘Power Conclave’**
- **Several novel initiatives unveiled**
- **More ‘ Power Conclaves’ to be organised**

Governments and private enterprises the world-over are working together to find effective and sustainable ways to stretch the planet’s energy resources. Close home; BSES has taken up the cause in partnership with technologists.

A cloud based ‘Consumer Portal’ that can help BSES consumers track their energy consumption on a real-time basis and recommend measures that can help save anywhere between 8-20%. This novel initiative, along with several others, was unveiled at a ‘Power Conclave’ organized by BSES at the India Habitat Centre.

The Conclave was organised in association with GERMI (Gujarat Energy Research and Management Institute), M/s Ecolibrium Energy, M/s Harsha Abakus Solar and M/s Energynomics, - organizations involved in Demand Side Management (DSM) technologies.

Several eminent speakers’ talked about the technological advancements and measures that can lead to substantial savings in energy consumption. They included Mr. R.K. Verma, (Chief Engineer, CEA), Dr. Omkar Jani, (Principal Research Scientist, GERMI), Mr. Chintan Soni, (MD, Ecolibrium), Mr. Munjal Rangwala, (MD, Harsha Abakus), Mr. Saurabh Kumar, (MD, EESL), Dr G C Datta Roy (CEO, DESL). Mr Gopal Saxena (Director, BSES), Mr Arvind Gujral (CEO, BRPL), Mr P R Kumar (CEO, BYPL) and Mr Rajesh Bansal (VP, EMG, BRPL).

It was also announced during the conclave that besides the ‘Consumer Portal’, BSES will also actively serve as a bridge between the consumers and the suppliers of renewal energy equipment, following DERC’s announcement on ‘Net Metering’. This will help consumers take advantage of DERC’s guidelines on solar power generation and reduce their energy bills in the process.

Cloud based ‘Consumer Portal’

This novel platform, promoted by M/s Ecolibrium Energy, will help all types of consumers, especially those consuming 50 KW and above to reduce their energy bills anywhere between 8-20%. The Portal, a paid service, will provide a broad array of services, including tracking of individual appliances placed in an industrial or a commercial premise. Additionally, it will also help a consumer achieve optimization of power consumption. Since, it is a web-based service; the consumer can access the Portal from anywhere.

Benefits of ‘Consumer Portal’:

- Track energy consumption on a real-time basis
- Give alerts on critical parameters
- Reduce inefficiencies, prevent leakages and help in reducing electricity bills

- Give recommendation for reducing energy consumption
- Energy consumption during various Time of the Day (TOD) periods
- Monitoring of diesel generators and roof-top solar systems
- Comparison of energy consumption with similar type of consumers

According to a BSES spokesperson, “India’s insatiable demand for power as been increasing at nearly 6-8% annually. Even the cost of fuel has been rising, which is steadily leading to an increase in electricity prices. Adopting the next generation DSM measures can help consumers, not only reduce their energy consumption, but also their power bills”

“To promote these measures, BSES has embarked on a journey to educate its consumers on the various energy conserving technologies. In this endeavour, BSES has started the concept of ‘Power Conclaves’, which will not only educate, but also make the consumers aware about these new measures. Going forward, BSES will hold more of these ‘Power Conclaves’ in various parts of the city”

Who said what?

Mr Gopal Saxena, Director, BSES

“Even in past, BSES has taken several initiatives to conserve energy and also to reduce energy demand in the city. The *Buy One Get One* scheme launched by BSES for CFLs in 2007-08 transformed the luminaries’ utilization in Delhi. This saw Delhi consumers switching to efficient luminaries and appliances. Continuing with the same tradition, BSES has launched efficient LED based lights and also ICT based new services like customer portal etc. We expect these initiatives will also succeed”.

Mr Arvind Gujral, CEO, BRPL

In the “Power Conclave”, BRPL, CEO Mr Arvind Gujral said that in order to control Delhi’s peak demand, DERC has announced tariff with initiatives like TOD, Net Metering, KVAh billing. Thus for same kWh consumption, a customer’s bill can vary and will depend on the usage of time, load characteristics, in house renewable generation etc. This power conclave is an interactive platform to help consumers to plan and manage their load efficiently”.

Mr P R Kumar, CEO, BYPL

This is the first Power Conclave in a series of such Conclaves. The idea of having Policy Makers, Government officials, Industry Experts, Regulators and Customers on a single platform is that when all join hands, they can do wonders.

Mr Rajesh Bansal, Vice President, BSES

“DSM is a win-win situation for all. If implemented properly, it will help customers reduce their energy bills and improve availability of supply. For discoms, DSM will reduce stress on the network”.

Mr. R.K. Verma, Chief Engineer, CEA

“Govt. has a target for 24X7 power supply. To handle the shortage, government has planned to reduce demand by 1000MKW in each state by adopting DSM measures”.

Mr. Saurabh Kumar, MD, EESL (Energy Efficiency Services Limited)

He told the gathering about the Government policies on Demand Side Management (DSM), including energy efficiency. He shared that the “Govt. has given priority to DSM and as such BEE & EESL are developing capacities to undertake DSM in various DISCOMs”. BEE/ EESL have recently entered into an MOU with BRPL, to facilitate the company plan and implement new DSM schemes”

Dr. Omkar Jani, Principal Research Scientist, GERMI

He shared his experiences on the “Roof Top Solar Project”, in the city of Gandhinagar, Gujarat. The experience shared by GERMI can help Delhi avoid mistakes and straight away can go for efficient “Roof Top Solar System” at consumer premises.

Mr Chintan Soni, MD, Ecolibrium

“Unless, consumers are aware about their consumption, they cannot manage their demand and thus electricity bills. By subscribing to the “Customer Portal”, they can reduce their bill anywhere 8 to 20%”.

Mr Munjal Rangwala, MD, Harsha Abakus

He discussed various case studies on the “Roof Top Solar System” and how same have benefited the consumers. “Considering the latest tariff structure and Tod’s incentive/ penalties, “Roof Top Solar System” will be an ideal solution for the customers of Delhi”.