

SYNERGY

BSES YAMUNA

May-June, 2006

What is your Sanctioned load?

To receive reliable and quality power supply, ensure you have the right load

Electricity has become one of the most essential commodities for urban existence. In fact, modern contemporary life has moved ahead and the erstwhile slogan of "roti, kapada aur makhan" seems acutely inadequate in the absence of BIJLI and, of course, sadak and pani.

Unfortunately, BIJLI is in short supply. Since BSES is simply engaged in the business of distribution of electricity and NOT in its Generation and Transmission, its paramount upon it to maintain and ensure the reliability of distribution network.

Electricity for Delhi is arranged by DTL and then distributed to the consumers' premises (energy meter) by BSES through its Grids, Feeders, Distribution Transformers, LT Transmission Systems, Feeder Pillars/Poles, Service Lines and Bus-Bar Boxes strictly in that order. If there is any weak link in the entire

distribution chain, the distribution network collapses and the consumer is deprived of electricity.

Thus the role of the network design and maintenance engineer's is very crucial for ensuring high/optimum reliability of the distribution system. The magnitude of managing the system is huge as BSES has 216 power purchase points (from DTL), over 9000 Distribution Transformers and a mushrooming consumer base of 23 lakh.

Our network is designed and periodically upgraded on the basis of Load Forecast made on the basis of the declaration made by the consumer about his/her load (quantity of power required). So the declaration (not only about required load but even about enhancement with passage of time) made by a consumer is crucial to the network's health.

In electricity distribution business,

following terminology related to consumer load is used.

- Sanctioned load:
- Connected load
- Maximum demand load.

Ideally the connected load shall be equal to sanctioned load and maximum demand in a month shall never exceed the sanctioned load.

Declaration of correct Sanctioned Load helps BSES to serve better:

- It helps in proper planning of network.
- It helps in carrying out augmentation and up-gradation of network.
- It helps in computing correct fixed charges (infrastructure usage cost).

So, dear consumer, whenever you apply for a new connection, ask for the correct Sanctioned Load. And whenever you add gadgets to your household/premises, get your Sanctioned Load enhanced.



The state-of-the-art Jasola Grid station was inaugurated, in a simple but impressive ceremony by Shri Haroon Yusuf, Hon'ble Minister for Power and Transport, on 28 April 2006. Those present on the occasion included Shri Sajjan Kumar, Lok Sabha MP, Shri Ramvir Singh Bidhuri, MLA, Shri Hem Chand Goel, MCD Councilor, Shri Lalit Jalan, CEO, BSES and Shri Vijay Khullar, COO, BRPL.

The 66/33/11 KV - 140 MVA Grid station, built at a cost of over Rs 15 crore will ensure stable power supply to many South Delhi areas including of Sarita Vihar, New Friends Colony, Sukhdev Vihar, Zakir Nagar, CSIR staff quarters and Jasola.

Load shedding / Power Cuts - The Real Picture

Power cuts happen when there is a shortage of electricity for distribution. Sometimes power cuts occur when BSES goes for planned shutdowns, maintenance or up-gradation of its distribution system. But most of the time, power cuts (load-shedding) have to be enforced in order to maintain healthy system parameters in the distribution and transmission system and save it from a total collapse. Collapse? Yes, collapse.

Let us explain, BSES Rajdhani Power Ltd and BSES Yamuna Power Ltd are in the business of ONLY distributing electricity and have no jurisdiction over its Transmission and Generation. Simply put they are retailers - they distribute what is made available to them.

Delhi generates only 17% of its electricity requirement. The rest is bought from the Northern Grid, which caters to many states and is short of 10,000 MW, these days. The increase in demand combined with generation shortage causes the frequency to go down. The corrective measures are low frequency shedding and under

frequency protective trips.

Simply put, to ensure quality supply of electricity, the frequency is to be maintained at the level of 50 Hertz. This frequency level gets disturbed when the load generation equilibrium is disturbed or whenever there is an incidence of overdrawn or growing demand-supply gap.

In such a situation, the frequency levels fall to dangerous levels of 48.5 Hertz, the point where the distribution system has no alternative but to resort to load-shedding, till the frequency levels stabilize to a healthy point.

BSES resorts to load-shedding on instructions of the Delhi State Load Dispatch Centre who in turn are getting instructions from Northern Region Load Dispatch Centre (NRLDC).

Other causes of Load-shedding/power cuts:

- Low generation
- Outages due to breakdown of equipment at the generating units.

- Planned shutdowns at the generating units.
- Less output on account of fuel shortages and old age of the equipment
- Breakdown of transmission lines and equipment
- Planned and emergency maintenance of Transmission equipment
- Line capacity constraint

Solution

- Increase in generation capacities - generation capacities need to keep pace with growing demand.
- Grid Discipline - Stringent measures to deal with states over drawing more than their allocated quota - they should be heavily penalized.
- Strict auditing of existing generating units to minimize the frequent incidence of breakdowns.



Caution

R U buying / selling property???

R U taking / leaving rented accommodation (including Government quarters / flats / bungalows)???

Then PLEASE remember to take "No Dues Certificate" from BRPL/BYPL to avoid any problems in the future with regards to outstanding dues.

The last Bill paid is not the conclusive proof that no other dues are outstanding.

There could be other dues which can be broadly classified as follows:

- Enforcement
- Assessment for the period for which the meter remained defective (which is done only after six month after the replacement of defective meters)
- Adjustment of Bill from Provisional to Actual
- Dues kept as deferred, pending settlement of dispute.
- Dues kept as deferred for the installment not yet due.
- Dues of Temporary Connection on the Premises taken for construction / renovation / social functions etc.

Cost of the Meter which was tampered, burnt or found defective at the time of change of occupancy etc.

Change of Address

Due to renovation work being carried out in the Town Hall, the Chandni Chowk Division of BSES Yamuna Power Limited (BYPL) has shifted to:

Gandhi Market, Minto Road, New Delhi 110 002

All BYPL, Chandni Chowk Division customers are requested to note the change of address and contact the following for new connections, name change, load enhancement, category change and revision of bills etc.

• Mr. Amit Prakash, Business Manager (Div.-Chandni Chowk), Mob. 93505-82606 • Mr. Amresh Ohiri, Asstt. Manager (PS)-Div. Chandni Chowk, Mob. 93502-61882 • Mr. Nitin Ohiri, Commercial Officer (Div. Chandni Chowk), Mob. 93135-85057

Help is only 8 digits away



No Supply
Billing & Metering
Anti Corruption

BYPL
42895555
39999808
39999888

BSES requests all its customers to conserve power

Editorial Team: Corporate Communications Department

Send in your suggestions/feedback to Corporate Communications, BSES Bhawan, Nehru Place, New Delhi-110019.

For more information visit our website www.bsesdelhi.com