

The hindu 29/09/15

Power cuts making a comeback?

Currently, Bescom is facing a shortage of around 900 MW

Avinash Bhat

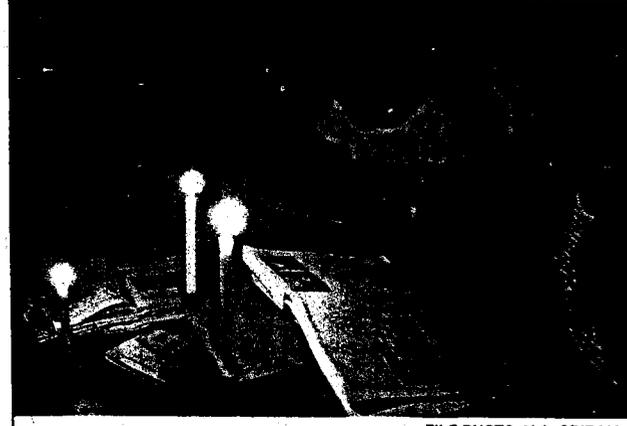
BENGALURU: Barely a few weeks after recovering from 4 hours of enforced power cuts, the city might be forced to go through load shedding again, as the power supply situation shows no sign of improvement. This, even as citizens in several areas are already reeling under unofficial and unscheduled outages.

Faced with increasing protests and complaints from rural areas, Bangalore Electricity Supply Company (BESCOM) is considering recommending the return of scheduled power cuts till the situation improves in mid-October.

Currently, Bescom is facing a shortage of 800-900 MW, which is being made up for by cutting supply to rural areas. The city has been spared power cuts in the past few weeks, but will have to bear its share of cuts as load shedding in rural areas is just not enough, said a Bescom official.

"Hydel power generation is hit and this has affected us this year. From next week, we will have to speak to industry representatives again and take a call on staggered holidays to save whatever power we can. While the power cuts

| NON-FUNCTIONING UNITS | | |
|----------------------------|----------------------------|--|
| BTPS: 1 x 500 MW | RTPS: 3 x 210 MW | Shortage faced by Bescom Between 800-900 MW |



FILE PHOTO: M.A. SRIRAM

REDUCED HYDEL POWER

Hydel power, which currently contributes around 10 Million Units a day, is being utilised to meet peak demand. On Sunday, the total hydel power generated was 8.4 Million Units as compared to 32.38 Million Units on the same day last year.

BESCOM WARNED

Bescom has been warned about overdrawing power from the Southern Grid. This is expected to further worsen the situation. Currently, around 400 MW of power is being overdrawn, according to officials.

CONSUMERS COMPLAIN

Despite Bescom declaring that there would be no power cuts, several citizens are complaining of unscheduled outages. On Monday, there were power cuts in Jayanagar, Hebbal, Old Airport Road, Vijaynagara and other areas. However, Bescom claimed that these were due to technical issues or scheduled maintenance, and not load shedding.

this time might not be as bad as 4 hours, we have to consider the possibility of a few hours of load shedding for the city," the official said.

The rural areas, according to sources, are being supplied just four hours of electricity in some cases and around 1,500 agricultural feeders in Bescom areas are being sup-

plied power between 11 p.m. and 4 a.m. while Nirantara Jyothi rural feeders have to made do with around 4 hours of power cuts in a day.

"There is erratic load shedding currently in rural areas," another senior official confirmed.

Meanwhile, officials have deferred for a few days a deci-

sion to introduce staggering of power supply to industries in the city as it would help save only around 150 MW, which is not enough for Bescom to supply enough power to all its consumers.

The final decision will be taken by a committee comprising officials and industry bodies.

DH 29/09/15 25 Years ago: September 29, 1990

Fourth unit of Raichur power plant cleared

Bangalore, Sept. 28. The Central Government has given clearance to the fourth unit of the Raichur Thermal Power Plant. Disclosing this, Karnataka Power Corporation Managing Director V Balasub-

ramanian said that the Union Ministry of Power accorded the clearance last week.

The 210 MW capacity fourth unit of the RTPP will cost Rs 335 crore and will be implemented with the Rs 230 crore aid from the Overseas Economic Co-operation Fund (OECF) of Japan.

The Economic Times 29/10/2015

Coal India's Bid Submission Deadline Extended till October 14

NEW DELHI The finance ministry has extended the last date of submission of bids for engagement of merchant bankers and brokers for 10% stake sale in Coal India by three weeks to October 14. The government presently owns 78.65% stake in the firm and this is the second time it has extended the date for submission of bids. "The proposal can now be submitted latest by 1500 hours on October 14," the finance ministry said in a statement. Five bankers will be selected for the offering. The government has set an ambitious disinvestment target of ₹69,500 crore this fiscal of which ₹28,500 crore is expected to come from strategic stake sale.

The hindu 29/09/15

Green energy at Christ Academy

A solar powerhouse was recently established at Christ Academy, Hullahalli, to harness energy. Transport Minister Ramalinga Reddy inaugurated the plant. Fr. Anil George, Councillor for Education and Mass Media, Devamatha Province, was present. Mr. Reddy also gave away scholarships to toppers in the neighbouring schools adopted by the school.



Page No - 4
29-9-2015
Dell...
G...
**RAIN, MAINTENANCE WORK
HIT POWER SUPPLY IN CITY**



A two-wheeler rider wades through a big pothole in Bellandur on Monday — Satish.B

**DC CORRESPONDENT
BENGALURU, SEPT. 28**

The heavy rainfall on Sunday played havoc on the transformers in city following which power cuts were reported in several parts of the city. A transformer blast in Hebbal caused power outage in parts of Bengaluru following the rainfall. Similar conditions prevailed till Monday where areas around Hebbal experienced power cuts more than four hours.

Though Bescom officials claimed that the power outage in city was related to rains and blast of a 220 KV transformer, residents in areas like Indiranagar, Vijayanagar and Jayanagar experienced similar power shutdowns throughout the day.

Bescom officials claimed there was no shortage in power supply as of now, but in the coming days there could be deficit as a unit at Bellary Thermal Power Station (BTPS) has stopped functioning. There are also issues with the RTPS in Raichur which could hamper power supply in the coming days.

"KPTCL has taken up installation of high volume power carrying cables and

once the work is over the power cuts will be minimised during rainfall. On Sunday several areas reported fault in transformers due to which power cuts were reported. There is a dedicated team at the Bescom call centre which attends to such calls swiftly," the official noted.

Energy experts have suggested that the government must ensure that the Bidadi power plant and new unit at the Bellary thermal power station are made operational so that the gap in the demand and supply could be bridged. Mr M G Prabhkar, Chairman of Energy Committee of FKCCI, said that the Bidadi plant project has been pending for more than five years and the government must take up the issue with the union government.

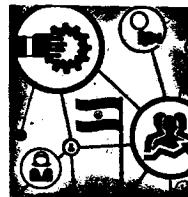
"The government is hoping that the power generation in hydel sector which is running on a deficit in the state and rest of the country could pick up as there has been good amount of rainfall in the last two days. "The inflow of water to the reservoirs has increased since Sunday and we are hoping that the hydel generation improves by mid October," said an official from the energy department.

The Economic Times 29/10/2015
**If Speech Sufficed to
Fuel Digital India...**

Since it doesn't, the government must walk the talk

Prime Minister Narendra Modi delivered an inspired and inspiring speech on Digital India in Silicon Valley which was much appreciated by the heads of information technology (IT) giants. Some have come forward to help India achieve universal broadband access. This is welcome. However, the main action for Digital India has to be here in India, by Indians, enabled by informed policy and regulation. Where does domestic policy action stand on achieving Digital India? The answer is considerably less uplifting than the Prime Minister's speech.

Much of rural India still makes do with patchy availability of power, thanks to culture of political patronage of power theft and giveaways, resulting in 30% of all power produced not being paid for and state electricity boards being too broke to purchase power from plants standing by to generate. Without fixing this, there can be no Digital India or Make in India. Then there is the peculiar reluctance of the government to rationalise the use of spec-



trum. Large swathes of spectrum remain unassigned, underutilised and broken up into discrete segments that prevent commercial use calling for contiguous bands being made available to operators. Even as the spectrum available with operators is as limited as it is, the norms for trading spec-

trum are overly restrictive and are more accurately described as spectrum sale norms. If the spectrum is costly, the right of way for telecom companies to lay fibre-optic cables from tower to tower or across circles is prohibitive. The scarcity and cost of spectrum that inhibit Digital India are derived from policy.

Then there is India's refusal to embrace the World Trade Organization's expanded Information Technology Agreement, which extends the zero-duty regime for IT products agreed on in 1996 to 201 more products. Now, we have a situation in which mobile phones can be imported sans duty but mobile phone components like GPS kit will bear duty. How will this encourage domestic manufacture? Brave talk abroad is fine but the point is to walk the talk at home.

The Economic Times 29/10/2015

Lanco Infratech Shelves Asset Sale Plan for Now

29/10/201

Co says buyers not keen on large assets due to constraints in power sector

Our Bureau

Hyderabad: Debt-ridden infrastructure firm Lanco Infratech has temporarily shelved its asset disposal plans, but said it would sell at least 3,000 MW of power assets with an enterprise value of about ₹25,000 crore in fiscal 2018 and retire around ₹18,000 crore of debt.

Speaking on the sidelines of the company's annual general meeting on Monday, chairman L Madhusudhan Rao said the appetite among buyers to absorb large assets was currently low owing to various constraints in the Indian power sector.

"There are reforms pertaining power distribution companies that need to be aggressively pushed. Power transmission infrastructure needs to be strengthened and constraints in fuel supply and rail network need to be addressed," said Rao.

"Multinational investors are very cautious and waiting for the government to address most of these issues. We hope these issues to be addressed over the next 18-24 months thanks to various initiatives taken up by the government."

A day after disclosing to ET a respite received from its lenders in the form of approval for cost overruns for 4,036 MW of power projects, which together involved investment of ₹33,000 crore, Rao said the company's revival was linked to the successful execution of projects under construction.

Lanco Infratech, which currently has 3,460 MW of operating power assets, is building 4,636 MW of projects that would take its total operating capacity



RAISING CONCERNS

Power transmission infrastructure needs to be strengthened and constraints in fuel supply and rail network need to be addressed

L. MADHUSUDHAN RAO
Chairman, Lanco Infratech

to more than 8,000 MW by FY18, said Rao. "It will also take the consolidated debt burden to around ₹45,000 crore from the current level of around ₹34,000 crore," he said.

The firm with interests in power, roads, resources and EPC businesses had sold its 1,200 MW Udipi thermal power project in April and 70 MW Budhil hydro-power project last year, helping it reduce debt and infuse equity in projects under execution.

Rao said Lanco expects to operationalise 2,720 MW of power assets in FY17 and another 1,320 MW the following year.

PH 29/09/15 No-06

Rechargeable battery to power homes from rooftop solar panels

WASHINGTON, AGENCIES: A team of Harvard University scientists and engineers has demonstrated a safe and affordable battery capable of storing energy from intermittent sources – like rooftop solar panels – that is suitable for the home.

The rechargeable battery can make storage of electricity from intermittent energy sources like solar and wind safe and cost-effective for both residential and commercial use.

In the operation of the battery, electrons are picked up and released by compounds composed of inexpensive, earth-abundant elements (carbon, oxygen, nitrogen, hydrogen, iron and potassium) dissolved in water.

The compounds are non-toxic, non-flammable, and widely available, making them safer and cheaper than other battery systems.

"That is huge when you're storing large amounts of electrical energy anywhere near people," explained Michael J. Aziz from Harvard Paulson School of Engineering and Applied Sciences (SEAS).

The mismatch between the availability of intermittent wind or sunshine and the variability of demand is a great obstacle to getting a large fraction of our electricity from renewable sources.

This problem could be solved by a cost-effective means of storing large amounts of electrical energy for delivery over the long periods when the wind is not blowing and the sun is not shining.

This new battery chemistry was discovered by post-doctoral fellow Michael Marshak and graduate student Kaixiang Lin working together with co-lead author Roy Gordon, Thomas Dudley Cabot Professor of Chemistry and professor of materials science at Harvard.

"We combined a common organic dye with an inexpensive food additive to increase our battery voltage by about 50 per cent," Gordon added.

Power Cuts Continue, But BESCOM in Denial Mode

by Nitindra Bandyopadhyay

Bengaluru: Unscheduled power cuts continue to haunt Bengalureans. But the Bangalore Electricity Supply Company (BESCOM) denies it.

Though BESCOM had promised uninterrupted power supply from September 16 onwards, Peenya, Hebbal, RT Nagar and Sultanpalya in the north, Vijayanagar in the west, Jayanagar in the south and Banaswadi in the east have been witnessing power cuts, especially in the morning and after 6 pm.

Power outages added to the Monday blues of many office-goers and students. They complained that the unscheduled cuts threw their schedule haywire.

Baswarajappa, who runs

GRIM SCENARIO

A highly-placed source in the Karnataka Power Corporation Limited said that there is power shortage in the state, which will aggravate after October if the plants under maintenance don't start generating. The situation could worsen if the catchment areas don't receive good rainfall. Then, the power being generated from the hydel stations will not be adequate to meet the state's demand.

a laundry in BTM Layout in the south, was annoyed with BESCOM as he lost many customers on the very first day of the week.

"I returned from my native town on Sunday and was hoping to earn some money as most of my savings for the month was spent during the Ganesha festival. But there has been no power since morning and I had to turn away most of my daily customers," he said. Shreyashi, an

employee with an online marketing company, had to heat up water on her gas stove at her home near HSR Layout. "I woke up in the morning and found there was no power. This entire month I have been using gas to heat water in the mornings," she said.

Vidya, a student from Laljinagar near Dairy Circle, said the area faced power cuts for more than four hours after 11 pm on Sunday.

MORE: P4

DH 29/09/15 Pg. No 02

Technical snag affects power supply in City

BENGALURU: Several areas in the city are facing intermittent power cuts since Sunday following a blast at a 220 KV transformer line in Peenya on Sunday.

"The repair works have been taken up by the Karnataka Power Transmission Corporation Limited and it will take some time to get it restored. Also, due to the heavy rain that lashed the city on Sunday night, there have been technical snags and maintenance issues with regard to power supply in South and North Bengaluru. Presently, the power to the most parts of North and West Bengaluru is being supplied from Hebbal transformers," a senior Bescom official told Deccan Herald.

The official maintained that these are unscheduled and in-

termittent power cuts and a temporary phenomena.

Bengaluru is likely to face more unscheduled power cuts for some more time as one unit of Ballari Thermal Power Station and two units of Raichur Thermal Power Station supplying 1000 MW power were not working.

The Energy department recently held meetings with all escoms to re-introduce scheduled power cuts in Bengaluru city, so that the power saved can be used for agriculture and irrigation in the Bescom limits and for drinking water supply under other escom areas.

However, the State government rejected the proposal stating Bengaluru should not face power cuts, an official said.

DH News Service

Power Cuts Back, But BESCOM in

Denial Mode

29/09/15
Continued from page 1

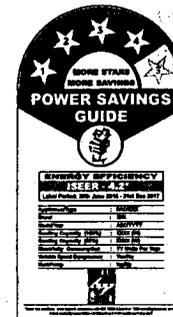
Vidya, a student who is preparing for her exams and who resides in Laljinagar near Dairy Circle, said the area faced power cuts for more than four hours after 11 pm on Sunday, and a power cut of around one hour on Monday morning.

However, BESCOM officials claimed that there was no power shortage in the city and that no unscheduled power cuts were being carried out. The BESCOM officials asked citizens to dial 1912 to seek assistance in case of power cuts. But most people found the number to be busy. Geetha Chavan, BESCOM's official spokesperson, said that there was a 220kv transformer flashover (high voltage short circuit) at Peenya on Sunday and hence changeover power was being arranged from Hebbal. As a result, Vijayanagar area saw frequent power cuts till 3 pm, she said.

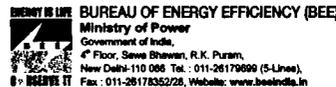
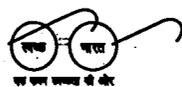
Decision heralded 29/9/17 pg 18

ENERGY-EFFICIENT VARIABLE CAPACITY (INVERTER) AIR CONDITIONER are Now Star Labelled by BEE

- This program covers single phase variable capacity air conditioner (commercially called as Inverter Air Conditioner) upto 10465 watt (2.95 tons.)
- The current star label is valid till 31st December, 2017.
- Variable Capacity (Inverter) Air Conditioner will save energy and also protect the environment.



"Variable Capacity (Inverter) Air Conditioner label based on Indian Climatic Conditions (ISEER – Indian Seasonal Energy Efficiency Ratio)" rating. This is an average efficiency over a range of the outside temperatures that occur in India.



For more details kindly visit our website www.beestarlabel.com or send email to helpdesk@beenet.in

BIJLI BACHAO DESH BANAO

devp 34106/13/0096/1516