



Domestic sector accounts for almost 50% of energy consumption and lighting is a key component of the same. In order to promote the use of LEDs in household sector and reduce the energy consumption, Energy Efficiency Services Limited (EESL) in consultation with Jharkhand Bijli Vitran Nigam Limited (JBVNL) and Government of Jharkhand, has proposed to implement the DELP (Demand Side Management based Efficient Lighting Programme) programme in Jharkhand. LED based household lights could reduce energy consumption by 91% (as compared to ordinary bulb) and 50% (as compared to CFLs). DELP promotes the usage of LEDs at a minimal cost and is designed to monetize the energy consumption reduction for the domestic consumers.



The DELP proposes to overcome the first cost barrier to gather maximum consumer participation. Since, this model depends on consumer participation it is important for the consumer to pre-register to avail the scheme. Under this scheme the consumer is eligible to purchase up to 10 LED bulbs of 9W at an upfront cost of Rs. 10 each. The balance amount of Rs. 95 will be recovered from the electricity bill at Rs 10 per month for next 9 months& Rs 5 in the 10th month. Alternately the consumer can also pay an upfront cost of Rs 100 per LED bulb.

Inauguration to be done on 15th November, 2015 at Mohrabadi Maidan Ranchi.
For any distribution related queries please call on the following numbers: 18003456570,
18001238745

Benefits of DELP

- Every household would save INR 1620 per annum in the Electricity Bill (with 10 LED bulbs), which is more than the LED bulb cost.
- This scheme will result in annual reduction of energy consumption by 2300 million units.

Comparison Matrix

	LED (Under DELP Scheme)	CFL	ICL
Watt	9 W	18 W	100 W
Energy Efficiency	91%	50%	0%
Annual Cost Savings of Electricity Bill Per Bulb)	Rs. 162.00	Rs. 85.50	Nil
Life Expectancy (Hrs)	50,000	8,000	1,200
Free of cost Warranty	3 Years	1 Year	Nil

Terms and Conditions

I shall agree to comply with the following Terms and conditions of the DELP Scheme

- That under DELP scheme Energy Efficiency Services Limited offers up to 10 LED bulbs (with 3 years warranty) to eligible grid connected domestic consumers of the concerned DISCOMs.
- That I have received working LED(s) as stated in the deed of consent.
- That if I am a defaulter and I have not cleared my total due bill arrears, I have agreed to avail the "Upfront payment" option.
- That I shall install the LEDs received under this scheme in high usage areas and not remove or keep in reserve any of the LEDs provided hereunder
- That I have cleared all my electricity bill arrears, if any, and given the receipt of the same.
- That if I have agreed to avail the "EMI" option then I will pay an advance of INR 10 per LED, and I authorize the applicable DISCOM to recover the balance cost of INR 95 per LED bulb through the electricity bill in monthly installment within 9 months and balance Rs5 at the 10th month from the date of first bill for recovery of cost of LED bulb, as per its respective billing cycle.

Or/And

That if I have agreed to avail the "Upfront payment" option then I will pay Rs 100 per LED bulb at the time of receipt of the bulb.

FREQUENTLY ASKED QUESTIONS ON DELP Scheme

What is DELP scheme?

An Ordinary bulb is an extremely energy inefficient form of lighting with just 5% of the electricity input converted to light. There are efficient light bulbs available like LEDs which consume only one-tenth of energy used by ordinary bulb to provide the same or better light output. However the high cost of LED (INR 400 to 500) is the reason why consumers do not buy LED bulbs. The DELP on-bill financing scheme proposes to overcome the first cost barrier. Under this scheme the consumer is eligible to purchase the designated number of bulbs, at an advance cost of Rs. 10 each. The balance amount of INR 95 will be recovered from the electricity bill in 9 monthly installments of INR 10 for next 9 months & Rs 5 in the 10th month. The consumer can also choose to make an upfront payment of INR 100 per LED bulb.

How will the DELP scheme benefit me?

The consumer will get a high quality LED bulb at 1/3rd the market price. Consumers electricity bill will reduce by about Rs. 162 per year with each LED, thus making the cost recovery lesser than a year. This will lead to savings in electricity and lower consumption of fossil fuels thus benefiting the environment.

Who is eligible to get LEDs?

Every domestic household in Jharkhand, having a metered connection is eligible to get the LED bulbs under the DELP Scheme.

Where and when can the LED bulb be procured?

The bulbs will be distributed through special counters set up at designated places in the city . These will not be available at any other location including shops etc. There will be an awareness campaign before the distribution starts to suitably inform the consumer.

What documents/evidence is required to be given to get LED bulbs?

The following must be provided:

- True copy of the latest electricity bill.
- A copy of photo ID proof.
- A copy of residential proof
- Rs. 10 in cash advance in case of on-bill financing (balance amount recovered from the electricity bill) or full amount in case of upfront payment for each LED.
- Payment receipt in case of arrears.
- Authorization letter from Co-operative Group Housing Societies (CGHS) (valid for consumers living in CGHS).

What if the LED bulb fuses?

LED bulbs have very long life (> 15 years if used of 4-5 hours every day) and are not likely

to fuse. However, if the LED bulb stops working due to a technical defect, EESL will be providing free of cost warranty for all technical faults for three years. And the replacements shall be done through designated retail stores that will be communicated after the distribution ends. During the distribution replacements can be done through any of the distribution counters that would be operating within the city. For those consumers who will be delivered the LED bulbs at their doorstep, our distribution agency will run special camps for replacement in the distribution area during the course of distribution.

Where can I register my complaints?

The DELP LED bulb packaging will carry the customer care number for registration of any complaints. A Call Centre will be active to record the complaints of non-working LEDs and a complaint redressal mechanism to rectify the same within a reasonable time will be operationalized. Complaints during distribution can be addressed at our distribution agency's customer care center number (18003456570 and 18001238745).

8. Under DELP Scheme, a designated number of bulbs will be distributed per household. In case the household has greater number of connection points or the renovation/ expansion of the house is undertaken, does the household pay market price for procuring additional LED?

Through the DELP scheme consumers can avail at most 10 LED bulbs. Through our studies we have found that a domestic household on an average has 5-6 lighting points. The major objective of DELP scheme is to encourage consumers to use these LEDs to replace existing high wattage lamps in their household. Given the benefits of LEDs, consumers are recommended to purchase additional LEDs from the market.

DISCLAIMER: The price in the market is reliant on the brand and quality and is independent of the price being offered under DELP.

Why LED? What are the advantages?

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Is LED safe?

LEDs are completely safe and do not represent any hazard to the human eye. When compared to CFLs, LEDs do not have mercury and therefore, have no negative impact on

environment. The LEDs procured under the DELP scheme are run through series of stringent quality tests before starting the distribution.

Does LED distributed under DELP Scheme have the same lumen intensity as an incandescent bulb?

LEDs have no gases, filaments or any moving parts to fatigue. A 9W LED procured under DELP gives the same and in most cases better lumen intensity and brightness than a 100W Incandescent Lamp. The proportion of lumens that falls in an area from an LED light source is greater than that of a conventional light source.

Who is implementing the programme and why?

The Electricity Distribution Company and Energy Efficiency Services Limited (EESL) a public sector body of Government of India are implementing the programme. The main objective is to promote efficient lighting, enhance awareness about the fact that use of efficient equipment's reduce electricity bills and help preserve environment.

Is the LED bulb different from the other such bulbs available in the market?

Yes, each LED bulb being distributed has a unique number, logo of the Electricity Distribution Company and EESL and indicated that it is made especially for this programme. The technical performance of the bulb is superior to the LED bulbs available in open market.

How will ensure that the consumer is getting only the designated number of LEDs?

We have a strict mechanism to restrict the iteration of the distribution and this is done with the help of the online software solution which reflects the data of the consumer with the requisite details.

What if the consumer says that the bulbs are not received by him and is taken by his Landlord or Tenant?

Purchase of LED bulbs under DELP is subject to eligibility checks. One such crucial check is the current occupancy or residential proof. As long as the consumer presents the valid document and the address on the electricity bill matches the address on the residential proof, the LED will be provided to him. At the time of distribution, the distribution agency is required to collect or upload (in case of door-to-door delivery) a set of documents which are stored in our distribution software. In case of any such consumer complaint, we have a retrieval system, wherein we can check for such a query/concern.

What if the consumer loses its warranty receipts in the span of 3 years? Will he be able to get the duplicate receipt?

On losing the warranty receipt, only the LED bulbs with the DELP/EESL branding shall be replaced. The consumer can file a request at the Electricity Distribution Company office or the local EESL office and in a matter of 48 hrs an arrangement for duplicate receipts would be made.

What if I have not paid my electricity bill in more than 3 months and want to I receive the LED Bulbs?

If the consumer is a defaulter and clears his electricity bill arrears and produces receipt of last payment, he will be eligible for the DELP scheme on producing evidence (original receipt of last payment) of the same.

What if I am a new consumer and my details have not been updated in the Electricity Distribution Company database. Will I be able to avail for the scheme & receive the LED Bulbs?

If you are a new consumer, you will be able to avail for the scheme and receive the designated number of LED bulbs. This will be against the submission of all above-mentioned documents.