

## INNOVATION LAB



- 18/10/16
- Team B- Royston, Zoheir, Vivian, Pius and Justin.
- Std 7C. Georges house
- Odella Jhon/Kenneth Jordan
- Andrea Britto

### Saving Electricity

#### **Social problem**

India faced an energy shortage of 2.1 per cent, or 24,077 million units (MUs) and a peak shortage of 2.6 per cent, of 4,208 Mw in 2015-16. In the last financial year, the energy shortage was 3.6 per cent (28,138 MUs) and peak shortage was 4.7 per cent (7,006 Mw). There was a lack of electricity in Bangalore in 2015-2016 in the month of April and May and hence there was a power everyday for three to four hours. People had faced a lot of hardships due to power cut. Education of children, problem in Industrial development are also the problems faced by India.

Research also says that extra electricity used by kettles could light up all street lights in England. So we can see that not only India but also England has problems in electricity.

Members- Royston, Vivian, Zoheir, Pius and Justin

## **SOLUTION**

We team members have found out a product that can reduce electricity. The product is MIITO. A product that is used to heat water, beverages and cereals. This product heats only the amount needed. Usually electricity is wasted due to excess heating through kettles. So this product heats the amount we want and not extra.

## **TASKS AND TIMELINES**

Royston, myself taught on saving electricity, Vivian encouraged me and told me the websites where I might find the solution. We had confusing on the problems caused by electricity shortage, but Zohier and Pius planned together and helped us to find the problems while Justin found the solution for this problem.

This product is designed in such a way that the water or cereal that has to be heated id to be placed on the base and then the rod shuld be placed in the center of the vessel. The rod gets heated and hence heats the food or liquid present in it and hence saves a lot of electricity.

We also encourage everyone to use syska led bulbs that use much less electricity. These bulbs might have been introduced in India

but not widely used, so lets tell everyone about miito and syska led bulbs and save a lot of electricity.



## REFERENCES

<https://www.youtube.com/watch?v=6TYwCs8L-TA>