

180 Kva Mag-Flux Power Saving

Establishment

Revise Report (AVERAGE)

For

CEAT TYRES LTD

Bhandup Plant

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(Maintenance Department)

## Type of Load: Lighting & Auxilery Load

### POWER SAVER LOAD DATA

#### BYPASS MODE:

Sr. No	Date	MODE	Reading FDR 22
1	15/02/2012	BYPASS	1800
2	16/02/2012	BYPASS	1720
3	17/02/2012	BYPASS	1740
4	18/02/2012	BYPASS	1790
5	19/02/2012	BYPASS	1670
		<b>Avg</b>	<b>1744 units</b>

#### SAVING MODE:

Sr. No	Date	MODE	Reading FDR 22
1	20/02/2012	SAVING	1630
2	21/02/2012	SAVING	1470
3	22/02/2012	SAVING	1490
4	23/02/2012	SAVING	1510
5	24/02/2012	SAVING	1490
6	25/02/2012	SAVING	1390
7	26/02/2012	SAVING	1210
8	27/02/2012	SAVING	1480
9	28/02/2012	SAVING	810
		<b>Avg</b>	<b>1386 Units</b>

## Saving Calculation

- Avg Kwh of Feeder No: 22 = 1744 units (In BYPASS MODE)
- Avg Kwh of Feeder No. 22= 1386 Units (IN SAVING MODE)

### Gloabtel Power Saver Panel Saving on FEEDER NO-22 Actual Consumption (Kwh)

$$\begin{aligned}\% \text{ Saving} &= \frac{\text{Bypass KWH} - \text{Save KWH}}{\text{Bypass KWH}} * 100 \\ &= \frac{1744 - 1386}{1744} * 100\end{aligned}$$

**% Average Saving = 20.5 %**

**In Terms Of KWH**

**Note: Saving will be more than 22% if you can compare with 1 month data of Bypass and Saving Mode.**