

Smart City - Erode

Electricity Consumption details

Name of the corporation :Erode

| Year | | No. Of connections | Demand (MW) | Demand (Million KWH) | Total Supply (MW) | Renewable energy supply (MW) | No. of households with solar Panels | Electricity outages (Due to Break down) | Distribution losses (ATC) |
|--------------------------|-------------|--------------------|-------------|----------------------|-------------------|------------------------------|-------------------------------------|---|-----------------------------|
| 01.04.2013 – 31.03.2014 | 2013 – 2014 | 196257 | 86 | 37.31 | 86 | - | - | 6.00% | 12.00% |
| 01.04.2014 – 31.03.2015 | 2014 – 2015 | 205230 | 94 | 37.43 | 94 | - | - | 6.20% | 12.80% |
| 01.04.2015 to 30.10.2015 | 2015 | 214455 | 105 | 32.75 | 105 | 24 Nos. - 0.077 MW | 24 Nos. - 0.077 MW | 5.60% | 13.60% |

Existing Status – for Erode City

| Particulars | Units | Value |
|--|-----------|------------|
| No. of Sub – stations in the City | 2Nos. | 130MVA |
| No. of Stations required in the city | 4 Nos. | 128MVA |
| Under Ground cables Existing | KM | Nil |
| Under Ground cables Proposed | | |
| Now proposed in IPDS Scheme | KM | HT - 46KM |
| | KM | LT – 57 KM |
| Costing of under Ground Cables | Rs. Crore | 29.7 |
| Subsequently proposed this smart city of HT / LT line – 50KM | | |
| Digital meters coverage. | % | 30.00% |

What are some of the plans / DPRS under IPDS / RAPDRP

In this scheme HT UG cable proposed to 46KM and LT cable proposed 57KM, HVDS Distribution Transformer proposed, Details will be sent separately

Some of the initiatives of the past which have led to significant performance improvements ?

Will be sent separately