

## Power Sector in Tripura

In accordance with Memorandum of Understanding (MOU) between Ministry of Power (MoP), Government of India (GoI) and Government of Tripura (GoT) in August 2003, GoT has introduced reforms and restructured the power sector in the state with objectives of creating the conditions for the sustainable development of the sector and improving the efficiency of services. Tripura Electricity Regulatory Commission (TERC) was established on 31st May 2004 by the GoT as a statutory body and as one man Commission under Section 17 of the Electricity Regulatory Commissions Act, 1998 (14 of 1998) a Central Act which was superseded by the Section 82 of Electricity Act, 2003 . Tripura is the 2nd state in the NER to constitute a State Electricity Regulatory Commission.

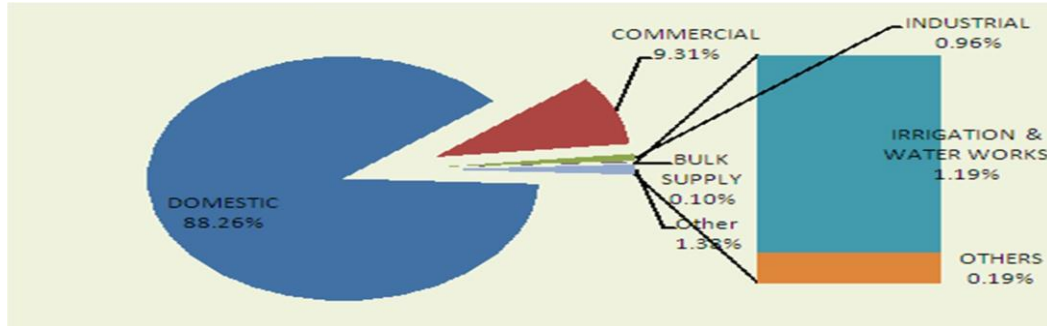
Also, Department of Power (DoP), GoT has been corporatized and Tripura State Electricity Corporation Limited (TSECL) has been formed and started operation from 1st January 2005. As per Electricity Act' 2003 TSECL is considered as a deemed Licensee who is responsible for generation, transmission and distribution of Power in Tripura. TSECL is mandated to get its tariff and annual revenue requirement (ARR) approved by TERC.

The state power systems in the North Eastern Region are integrated with 400/220 kV network of Power Grid Corporation of India Ltd. The power system of Tripura is connected to these power systems of the neighbouring states in the North Eastern region at 132 kV. This provides the stable operation for the state power system.

<b>Existing Power System Generation</b>		
<b>Name of Project</b>	<b>Installed Capacity</b>	<b>Effective Capacity</b>
<b>Gumti H.E Project</b>	<b>5x3=15.00 MW</b>	<b>8.5 MW</b>
<b>Baramura Gas Thermal Project</b>	<b>21x1=21.00 MW</b>	<b>21.00 MW</b>
<b>Rokhia Gas Thermal Project</b>	<b>8x4+21x2=74.00 MW</b>	<b>50.00 MW</b>
<b>Total</b>	<b>110.00 MW</b>	<b>79.50 MW</b>

## Existing Power System

### Consumer Profile



Category	No. of Consumer	% of Total
DOMESTIC	348551	88.26%
COMMERCIAL	36760	9.31%
INDUSTRIAL	3780	0.96%
BULK SUPPLY	376	0.10%
IRRIGATION & WATER WORKS	4692	1.19%
OTHERS	739	0.19%

### Commercial Overview

- ◆ Total Consumers – 394898 No
- ◆ % coverage of Households – 59.44%
- ◆ 100% Metering up to 11 KV Level
- ◆ 100% Computerized Energy Billing to be Achieved by 2009
- ◆ Average Cost of Supply – Rs. 2.74 /kWh
- ◆ Average Rate of Realization – Rs. 2.58 /kWh
- ◆ Annual Per Capita Consumption – 192.48 kWh