

| 1 | 2 | 3 | 4 | 5 | 6 |
|--|---------------------------------|------|--|-------|-------|
| 3 | Konaseema CCPP | 445 | EPS Oakwell Power Ltd., Andhra Pradesh | 2.14 | 9.61 |
| | SUB TOTAL: (A) | 1649 | | 7.92 | 35.61 |
| B. Commissioned but unable to generate due to shortage of Gas | | | | | |
| 4 | Vemagiri CCPP | 370 | Vemagiri Power Gen Ltd., Andhra Pradesh | 1.78 | 7.99 |
| 5 | Jegurupadu CCPP Extension | 220 | GVK Industries Ltd., Andhra Pradesh | 1.06 | 4.75 |
| | SUB TOTAL (B) | 590 | | 2.84 | 12.74 |
| | TOTAL (A+B) | 2239 | | 10.76 | 48.35 |

MW- Mega Watt

MMSCMD-Million Standard Cubic Meter Per Day

MU. Million Units

CCPP- Combined Cycle Power Project

PLF- Plant Load Factor

The steps taken by the Government to meet the shortage of gas are as under:

- (i) Intensification of domestic exploration and production (E&P) activities.
- (ii) Exploitation of unconventional sources like Coal Bed Methane (CBM).
- (iii) Underground coal gasification.
- (iv) Implementation of Natural Gas Hydrate Programme (NGHP) for evaluation of hydrate resources and their possible commercial exploitation.
- (iv) Encouraging import of gas in the form of Liquefied Natural Gas (LNG); and
- (vi) Gas sourcing through transnational gas pipelines.

JBIC's loan for Tuirial Hydro Electric Project

2248. SHRI LALHMING LIANA: Will the Minister of POWER be pleased to state:

(a) whether the Japan Bank for International Cooperation (JBIC) has given loan to any Central PSU, for construction of Tuirial Hydro Electric Project in Mizoram;

(b) if so, the name of the PSU, the amount of loan given and the rate of interest thereon;

(c) whether the work has been started by the PSU; and

(d) if so, the details of the progress of the work and if not, the reasons therefor?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) to (d) Yes, Sir. Japan Bank for International Cooperation (JBIC) had extended a loan of JPY 11695 million to North Eastern Electric Power Corporation Ltd. (NEEPCO) for construction of Tuirial Hydro Electric Project in Mizoram at an interest rate of 2.3% p.a.

NEEPCO started construction work of the project in February, 2002 till 8.06.2004, 30% progress of works was achieved. However, since 9th June, 2004 all works of the project have been suspended due to law and order problems and the project becoming unviable due to huge time & cost overruns.

Power demand in North Eastern Region

2249. SHRI LALHMING LIANA: Will the Minister of POWER be pleased to state:

(a) the total requirement of power during peak and off-peak hours in the North Eastern Region, State-wise;

(b) the present capacity available in the region, State-wise;

(c) whether Government have any plan to set up new power stations/projects in the NER, to meet the shortfall; and

(d) if so, the names of the power projects under construction in the NER, State-wise?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) The total requirement of power in MW during peak and off-peak hours during August, 2007 (upto 27th Aug.'07) in the States of North-Eastern Region are furnished below:

| State | Power Requirement in MW | |
|-------------------|-------------------------|----------|
| | Peak | Off-peak |
| Assam | 850 | 450 |
| Arunachal Pradesh | 80 | 40 |
| Meghalaya | 370 | 350 |
| Tripura | 140 | 65 |
| Manipur | 130 | 60 |
| Nagaland | 80 | 40 |
| Mizoram | 60 | 40 |

(b) State-wise present installed capacity available in the region including renewable energy sources as on 31.07.2007 is given below: