

*Northern Region**( All figures in MU Net)*

	1987-88	1988-89
Availability	187976	205909
Deficit	23017	17295
(%)	10.9%	17285

**Use of Bagasse as source of Energy**

\*20 SHRI ABDUL HAMID:  
SHRI BHADRESWAR TANTI:

Will the Minister of ENERGY be pleased to state:

(a) whether Government have made any efforts to use bagasse, a by-product of the sugar industry, to convert it into dependable source of energy;

(b) if so, the details thereof; and

(c) the results achieved so far?

THE MINISTER OF ENERGY (SHRI VASANT SATHE): (a) to (c). Bagasse, a by-product of the sugar industry, has been used as the most dependable source of energy for generation of process steam and to meet in house captive power requirement for many decades.

2. To meet growing requirement of pulp for the paper industry the Government have encouraged use of bagasse for paper production as in the case of Tamil Nadu Newsprint Ltd. In view of bagasse the sugar mills have been provided with assured supplies of coal.

3. Other sugar mills where bagasse is not being used for the paper and pulp industry, the Government is encouraging use of

high pressure and temperature boilers and higher overall thermal efficiency turbo generating equipment. This will enable generation of surplus power from the same quantity of bagasse which can be fed to the state/regional grid.

4. At the instance of the Department of Non-Conventional Energy Sources a World Bank team has recently undertaken a techno-economic feasibility study of surplus power generation in the sugar industry in Maharashtra. The World Bank team's report is awaited.

**Improving Production in Cycle Corporation of India Ltd.**

1. DR. SUDHIR ROY:

Will the Minister of INDUSTRY be pleased to state:

(a) whether the trade unions functioning in the Cycle Corporation of India's plants have submitted some suggestions to improve its production;

(b) if so, the details thereof; and

(c) the action taken by Government thereon?

THE MINISTER OF INDUSTRY (SHRI J. VENGAL RAO): (a) to (c). The trade unions of the Cycle Corporation of India