

*Units: G. Cal/tonne of crude steel*

<i>Year</i>	<i>DSP</i>	<i>DSP</i>	<i>RSP</i>	<i>BSL</i>	<i>IISCO</i>	<i>SAIL</i>
1987-88	10.15	11.55	10.99	9.93	16.13	10.82
1988-89	9.27	11.40	10.63	9.40	16.74	10.15
1989-90	8.85	11.66	10.23	9.25	16.42	9.77

(b) Specific energy consumption in SAIL Integrated Steel Plants excluding IISCO is about 9-12 G cal per tonne of crude steel against energy consumption level of 5-6 G. Calicuts in technologically advanced countries. IISCO being an obsolete plant the specific energy consumption is much higher.

The energy consumption per ton of crude steel for various countries is as follows:

<i>Country</i>	<i>Specific Energy Consumption (G cal/tcs)</i>
<i>1</i>	<i>2</i>
USA	5.1
UK	4.7
Japan	4.2
Germany	4.7
France	4.9
USSR	Not available

The energy consumption values in different steel plants are however not comparable due to differences in raw material inputs, technologies adopted and product mix.

(c) Energy consumption in SAIL Steel Plants in planned to be reduced by better

house keeping, optimum operating practices, technological updating and modernisation of the steel Plants to about 8 G cal/tcs.

#### **Setting up Steel Production Centres in Madhya Pradesh**

8230. SHRI DILIP SINGH JU DEO: Will the Minister of STEEL AND MINES be pleased to state:

(a) Whether there is a proposal to establish steel production centres in Madhya Pradesh during the Eighth Five Year Plan; and

(b) if so, the details thereof?

THE MINISTER OF STEEL AND MINES AND MINISTER OF LAW AND JUSTICE (SHRI DINESH GOSWAMI): (a) At present there is no proposal to set up steel production centres in the country except in certain hilly and backward regions.

(b) Does not arise.

#### **Subsidy to Cardamom Estates by Spices Board for Irrigation**

8231. SHRI PALAI K. M. MATHEW: Will the Minister of COMMERCE be pleased to state:

(a) whether the subsidy given through Spices Board to construct small dams and