

taken which will help to boost software production and exports.

(d) Specific schemes included in the VIII Five Year Plan for development of software exports, are as follows: —

- (i) **Software Export Promotion Programme:** Under this Programme, an amount of Rs. 17.6 crores in the form of budgetary support has been provided for the establishment of **Software Technology Parks (STP)** at Bangalore, Hyderabad, Bhubaneswar, Gandhinagar, Pune and Noida.
- (ii) **Value Added High Speed Data Communication Network:** Rs. 18.95 crores including budgetary support of Rs. 8.75 crores has been provided for high speed data communication facilities at Delhi, Bombay and Madras.

Revival of National Security Council

2395. SHRI MAHENDRA KUMAR SINGH THAKUR: Will the PRIME MINISTER be pleased to state:

(a) whether there is a proposal to revive the National Security Council (NSC);

(b) if so, the details thereof; and

(c) the present status of the Council together with the details of the last meeting held by it?

THE MINISTER OF STATE IN THE MINISTRY OF DEFENCE (SHRI MALLIKARJUN): (a) to (c), The National Security Council was set up on 24th

August, 1990 with the Prime Minister as Chairman.

The Council has met once, on 5.10.1990, since its formation.

[Translation]

Solar Energy Charger

2396. SHRI BRIJBHUSHAN SHARAN SINGH:

SHRI RAJENDRA AGNIHOTRI:

SHRIMATI DIPIKA H. TOPIWALA:

PROF. PREM DHUMAL:

SHRI R. SURENDER REDDY:

Will the PRIME MINISTER be pleased to state:

(a) whether solar energy charger for the Armed Forces has since been developed in the country;

(b) if so, the details thereof together with its specifications;

(c) the time by which it is proposed to be handed over to the Armed Forces; and

(d) the estimated cost thereof in the international market?

THE MINISTER OF STATE IN THE MINISTRY OF DEFENCE (SHRI MALLIKARJUN): (a) Yes, Sir.

(b) A *Statement* is enclosed.

(c) 200 Solar battery chargers have been handed over to the Army.

(d) In view of the indigenous availability, the cost in the international market has not been ascertained.

STATEMENT

The Solar charger is an efficient, light weight, foldable and easy to carry Solar Photovoltaic (SPV) panel with current indication facility and output terminals. It is capable of charging

batteries of certain types of communication sets. The Solar Charger is a cost effective alternative in remote locations as also in isolated high altitude low temperature regions which are not easily accessible during most parts of the year due to various logistic problems. It can also be taken as an absolute primary energy source for battery charging at places where sunlight is generally available.

The specifications are given in the Annexure.

ANNEXURE

Specification of Solar Energy Charger

ELECTRICAL SPECIFICATIONS

The electrical output from the SPV panels (connected in series through IU) under standard test conditions (STC) of 100 MW/Sq. Cm, Operating cell temperature 25°C and AM. 1.5 shall be

Open Circuit voltage (VOC)	41.0 Volts ± 5%
Short Circuit current (ISC)	1.75 Amp ± 5%
Peak Electrical Power (PM)	47.0 Watts ± 5%
Peak Charging Current (IM)	1.48 Amp ± 5%

MECHANICAL SPECIFICATIONS

Dimensions of each SPV (Solar Photo Voltaic) panel not exceeding : —

	<u>Closed</u>	<u>Open</u>
Width	280.00 mm	280.00 mm
Depth	280.00 mm	1270.00 mm
Height	45.00 mm	10.00 mm

Weight of each SPV Panel shall not exceed 2.3 kg.

INDICATING UNIT

Indicating Unit shall indicate the current flowing into the battery under charge, and whether SPV panels are correctly oriented. Protection to reverse current flow from battery to SPV panels in built. The current meter shall be hermetically sealed and be mounted on suitable mounting. Suitable connectors shall be provided for connecting 2 x SPV Panel and 1 x Battery. Dimensions of the unit are :

Length	168.00 mm
Width	70.00 mm
Height	55.00 mm
Weight not exceeding	0.55 kg

TEMPERATURE

Operation from	- 30 °C to + 65 °C
Storage from	- 40 °C to + 70 °C

ENVIRONMENTAL SPECIFICATIONS

Equipment will withstand environmental specifications as per table 3-3 (class 1.2) of JSS 55555 (ground equipment partially protected).

WEIGHT

Total weight of 1 unit of Solar Charger not to exceed 7.5 Kgs.

Revival of Sick PSUs

2397. SHRI MOHAMMAD ALI ASHRAF FATMI: Will the PRIME MINISTER be pleased to state:

(a) the details of the public sector undertakings in Bihar and the total investment made in each of these, so far;

(b) the details of undertakings out of them fallen sick or closed down;

(c) the details of the loss suffered and profit earned by each of these undertakings during the last three years; and

(d) the steps taken by the Government to revive the sick undertakings?

THE MINISTER OF STATE IN THE MINISTRY OF INDUSTRY (DEPARTMENT OF INDUSTRIAL DEVELOPMENT AND DEPARTMENT OF HEAVY INDUSTRY) (SHRIMATI KRISHNA SAHI): (a) to (d). As on 31-3-1993, 14, Central Public Sector Undertakings with their registered offices were located in the State of Bihar. Their names, investment as on 31st March, 1993 and the details of the loss suffered/profit earned during the three years ending 31st March,