

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:4017
ANSWERED ON:18.04.2002
ENHANCEMENT OF POWER CAPACITY WITH FOREIGN TECHNOLOGY
N.T. SHANMUGAM

Will the Minister of POWER be pleased to state:

- (a) whether the Government propose to enhance the power capacity in the power projects operating in the country with the assistance of foreign technology;
- (b) if so, the details thereof;
- (c) whether the Government are aware that the power consumption in the country has increased 3 fold during the last ten years; and
- (d) if so, the steps taken/proposed to be taken by the Government to meet the pressing demand?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) & (b) : The Government has taken up renovation and modernisation of hydro schemes with the technology provided by external aid agencies. The details of such schemes are given below :

Scheme description Estimated Cost (Rs. in crore) Remarks

Panniar, Kerala 2x15 MW 62.00@ Schemes tied up with EDC Canada.
RM&U tied up with M/s. SNC
Lavalin. Panniar U-2 (15 MW),
Pallivasal U 1-3(15 MW) and
Sengulam U-3&4 (2x12 MW) have
been commissioned. The second
stage units are to be commissioned
during 2002-03

Pallivasal, Kerala St.I
and II 3x5+3x7.5 MW 94.00@

Sengulan, Kerala 4x12 MW 114.00@

Hirakud-I U-3&4, Orissa,
2x24 MW 131.56@
126.13 (Latest) Tied up with KFW, German
assistance loan routed through Power
Finance Corporation. R&M works
tied up with M/s Voith Siemens
Hydro, Germany and M/s Siemens
Ltd. India.

Umium St.I and II,
Meghalaya, 4x9 MW+2x9 MW
St.I 86.92@
(Latest 85.29)
St.II 53.27@ Stage I tied up for JBIC loan. JBIC
sanctioned a loan of 1700 MJY.
Equipment for Unit 1 & 2 has reached
site and the equipment for unit 3 & 4
has reached Calcutta Port and is being
transported to site. The work on first
two units is in progress. Unit I is to
be commissioned shortly.

@ As per Perspective Plan.

(c) : The consumption of power has increased approx. 1.85 times in the 10 years between 1988-89 to 1997-98.

(d) : The Government has a target of about 42000 MW as capacity addition in the 10th Five Year Plan. In addition, supply of power will be enhanced through :-

? Improvement of Plant Load Factor (PLF) of existing power stations.

? Renovation and Modernisation of old thermal and hydro stations.

? Facilitating inter-regional transfer of power by establishing necessary transmission network.

? Demand side management programmes

? Strengthening of transmission and distribution system and improving the reliability of the system etc.

Apart from the above measures, the Government is vigorously promoting private sector participation in the power sector and has also set up a special committee to look into specific bottlenecks, if any, for the private sector projects. Further, all ongoing projects are being closely monitored through the Empowered Committee.