

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

STARRED QUESTION NO:319
ANSWERED ON:17.08.2004
ASSISTANCE TO POWER PROJECTS IN NEPAL
Adhalrao Patil Shri Shivaji;Yadav Shri Devendra Prasad

Will the Minister of POWER be pleased to state:

- (a) whether the Government of India has been assisting some hydro power projects in Nepal;
- (b) if so, the details thereof along with the terms and conditions;
- (c) the present status of each project;
- (d) whether any project report has been prepared in this regard;
- (e) if so, the details thereof;
- (f) the benefits in terms of sharing of power likely to be accrued there from; and
- (g) the details of investment made/proposed to be made in these projects by Indian Government?

Answer

THE MINISTER OF POWER (SHRI P.M. SAYEED)

(a) to (g) : A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (g) OF STARRED QUESTION NO. 319 TO BE ANSWERED IN THE LOK SABHA ON 17.08.2004 REGARDING ASSISTANCE TO POWER PROJECTS IN NEPAL.

(a) to (e) : Yes, Sir. Government of India has been assisting Nepal in development of its hydro power potential. Four Hydro electric schemes, having total installed capacity of 51.1 MW, have been implemented with Indian assistance. The details are given in Annexure-I.

Four major water resources projects having hydro electric component namely, Karnali, Pancheshwar, Sapta Koshi and Burhi Gandaki Projects are under discussion at various levels. Besides, the possibility of development of Upper Karnali Project in Nepal by National Hydro-electric Power Corporation (NHPC) as an independent power project is also under consideration. The details of these projects are given in Annexure-II.

(f) : As per Mahakali Treaty, energy generated from Pancheshwar Project is to be shared equally by the two countries viz. India and Nepal. However, no agreements have so far been reached between the two countries as regards sharing of power from other Projects.

(g) : No decision regarding investment in the various projects under consideration has been taken so far.

ANNEXURE-I

ANNEXURE REFERRED TO IN PARTS (a) TO (e) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 319 TO BE ANSWERED IN THE LOK SABHA ON 17.08.2004 REGARDING ASSISTANCE TO POWER PROJECTS IN NEPAL.

(Amount in Rs. Crores)

Sl. No.	Name of the Hydroelectric Project	Capacity (MW)	Year of Commissioning	Grant by MEA (GOI)
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1.	Pokhara	1 MW	1968	0.44
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2.	Trishuli	21 MW	1969	15.19
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3. Western Gandak 15 MW 1979 8.00

4. Devighat 14.1MW 1983 42.18

ANNEXURE-II

ANNEXURE REFERRED TO IN PARTS (a) TO (e) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 319 TO BE ANSWERED IN THE LOK SABHA ON 17.08.2004 REGARDING ASSISTANCE TO POWER PROJECTS IN NEPAL.

DETAILS OF HYDRO POWER PROJECTS UNDER CONSIDERATION FOR IMPLEMENTATION IN NEPAL

(i) Karnali Multi-Purpose Project(10,800 MW)

This project is proposed to be located on Karnali River in Nepal. Feasibility report of the project was got prepared by His Majesty's Government of Nepal (HMG) from foreign consultants M/s Himalayan Power Consultants (HPC) in 1989. Discussions have been held between GOI and HMG Nepal and various key parameters are yet to be finalized.

(ii) Pancheswar Multipurpose Project (5600 MW)

Pancheswar Multipurpose project is proposed on river Mahakali and is covered under Mahakali Treaty signed between HMG, Nepal and India in Feb, 1996. Efforts are being made to resolve the outstanding issues with Nepal and prepare a mutually acceptable DPR.

(iii) Sapta Kosi High Dam Multipurpose Project (3300 MW) and Sun Kosi Storage cum Diversion Scheme

Sapta Kosi High Dam Multipurpose Project and Sun Kosi Storage cum Diversion Scheme is proposed to be located on Kosi river near Kurule in Nepal. The project would provide irrigation and flood control benefits in Bihar and power generation of which major portion would be available to India. As mutually agreed, a Joint Project Office in Nepal is being set up and field investigations and preparation of DPR are proposed to be completed in 30 months after opening of this office.

(iv) Burhi Gandaki HE Project(600 MW)

Burhi Gandaki H.E. Project is proposed to be located in mid-western Nepal near Benighat on Burhi Gandki river, a tributary of Gandak. The project is being considered for development with Indian cooperation. Ministry of Water Resources proposes to entrust the work of field investigations/preparation of Detailed Project Report to WAPCOS.

(v) Upper Karnali HE Project(300 MW)

The Upper Karnali HE Project is a run-of-the river project proposed to be located on river Karnali in Western part of Nepal. Feasibility Study Report for Upper Karnali Hydro-Electric Project was prepared by Canadian International Water and Energy Consultants (CIWEC). The possibility of development of this project through NHPC as an Independent Power Producer (IPP) is presently under consideration.