

**GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA**

STARRED QUESTION NO:346

ANSWERED ON:18.08.2010

HYDROLOGY PROJECT-II

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Will the Minister of WATER RESOURCES be pleased to state:

- (a) the States and the Central Government establishments where Hydrology Project-II is being implemented, project-wise;
- (b) the expenditure incurred on this project during each of the last three years and the current year;
- (c) whether the Hydrology Project-I has achieved its objectives;
- (d) if so, the details thereof; and
- (e) the progress made in the implementation of Hydrology Project-II so far?

Answer

THE MINISTER OF PARLIAMENTARY AFFAIRS AND WATER RESOURCES (SHRI PAWAN KUMAR BANSAL)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO.346 TO BE ANSWERED ON 18-08-2010 IN LOKSABHA REGARDING HYDROLOGY PROJECT-II.

(a) The Hydrology Project is being implemented in 13 States and 8 Central Government Establishments. The project is divided into three components as below:

(i) Component I – Institutional Strengthening. This component would comprise three sub- components, namely:(i) consolidation of Hydrology Project-I activities in the existing states;(ii) awareness raising, dissemination and knowledge sharing; and (iii) implementation support.

(ii) Component II – Vertical Extension. This component encompasses all those activities which would enhance the use of Hydrological Information System (HIS) and demonstrate real hydrological data applications for future replication. Sub-components include: (i) the development of hydrological design aids,(ii) the development of decision support systems; and (iii) implementation of purpose-driven studies.

(iii) Component III – Horizontal Expansion. In the four new States included under Hydrology Project-II, four sub-components would be financed:(i) upgrading/establishment of data collection network; (ii) establishment of data processing and management systems; (iii) purpose-driven studies; and (iv) training.

The names of States and Central Government Establishments indicating the components being implemented in respective State/Central Government Establishments are given in Annexure-I.

(b): Expenditure incurred during last three years and current year is given below:

Sl. No. Financial Year (FY) Annual Expenditure (Rs. in crore)

1	2007-08	16.69
2	2008-09	29.98
3	2009-10	51.95
4	2010-11 (up to June 2010)	11.33

(c) & (d): Hydrology Project-I (HP-I) was taken up in December 1995 with the objective to improve institutional arrangements, capacity building, physical facilities and services for hydrological, hydro-meteorological and water quality data management systems including data collection, data validation and storage for data use. The HP-I was implemented in 9 States(Andhra Pradesh, Chhattisgarh,

Gujarat, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Orissa and Tamil Nadu) and 6 Central Government Establishments (CWC, CGWB, CWPRS, IMD, MoWR and NIH). The objectives of HP-I were broadly achieved by creation of an integrated Hydrological Information System (HIS) comprising physical infrastructure and capabilities for data collection, data processing, data storage through standardized procedures and integrated data validation system to provide reliable, comprehensive and timely data.

(e): The Objectives of Hydrology Project-II (HP-II) are:

(i) To extend and promote the sustained and effective use of HIS by all implementing agencies concerned with water resources planning and management both in public and private thereby contributing to improve productivity and cost effectiveness of water related investments in 13 participating States and 8 Central agencies.

(ii) To extend HIS to the four new state agencies of Goa, Himachal Pradesh (H.P.), Pondicherry and Punjab and two central agencies Bhakra Beas Management Board (BBMB) and Central Pollution Control Board (CPCB).

(iii) Strengthening the capabilities of implementing agencies at state/central level in using HIS for efficient water resource planning and management;

(iv) Awareness building and outreach services about HIS use.

The progress made so far in the implementation of the HP-II Project is given in Annexure-II.