

THE MINISTER OF WATER RESOURCES (SHRI VIDYA CHARAN SHUKLA): (a) to (d) Yes, Sir. Kosi High Dam project and Barak Dam Project (also known as Tipaimukh Dam Project) have been posed for assistance to Global Infrastructure Fund, Japan. The salient features of the two projects are as under:—

The Kosi High Dam Project envisages construction of a 269 metre high dam across the river Kosi approximately 1.6 km upstream of Barakshetra and barrage 8 km downstream of dam near Chatra village in Nepal. The project will provide hydro-power, irrigation and flood control benefits to both India and Nepal. Estimated cost of the project at 1981 price level is Rs. 40.74 crores.

The Barak Dam Project envisages construction of 161 m. high, 380 m. long; rockfill dam on the river Barak and a barrage near Fulertal about 100' kms. downstream of Tipaimukh Dam. The project would significantly reduce flooding and drainage problem in the down

stream low-lying areas of India and Bangladesh. At 1988 price level, the Barak dam and the barrage near Fulertal are expected to cost rupees 1316 crores and 270 crores respectively.

**Irrigation potential achieved during each ...five year Plan period..**

3522. SHRI KAMAL MORARKA: Will the Minister of WATER RESOURCES be pleased to state:

(a) the details of investment made and irrigation potential created during the each five year plan period<sup>1</sup>;

(b) the extent of utilisation of potential created;

(c) the cumulative gap between utilisation of potential till the end of Seventh Plan period; and

(d) the schemes launched to bridge the gap and the success achieved so far?

THE MINISTER OF WATER RESOURCES (SHRI VIDYA CHARAN SHUKLA): (a) and (b) Details are as under.—

Plan	Expenditure on irrigation sector (Rs. in crores)	Potential	
		Creation	Utilisation
		(in million hectares)	
First Plan	366	3.6	2.4
Second Plan]	522	2.9	2.8
Third Plan	909	4.5	4.4
Annual Plan (1966-69)	760	3.5	3.6
Fourth Plan	1750	7.1	6.4
Fifth Plan	3192	7.8	6.3
Annual Plan (1978-80)	2715	4.6	4.1
Sixth Plan	11058	10.93	7.98
Seventh Plan (outlay)	16032	12.21	10.84

(c) The cumulative gap between creation and utilisation of irrigation potential till the end of Seventh Plan period was 8.32 Million hectares.

(d) The Government is implementing the Command Area Development Programme for reducing the gap between potential created and utilised and has also taken a series of measures for improving water management practices, to bridge the gap. In addition, the States have also been asked to re-appraise the figure of potential created in order to correct over-reporting if any.

#### **Erosion in Dibrugarh due to Brahmaputra river**

3523. SHRI GURUDAS DAS GUPTA: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether it is a fact that bank erosion has been active on the upstream of Dibrugarh due to the fury of Brahmaputra river floods almost every year;

(b) if so, the magnitude of such erosion during the last five years; yearwise details;

(c) the details of amounts released by the Government for the flood control schemes approved for Dibrugarh in the last five years, year-wise break up;

(d) the details of contribution made by the Government of Assam in the flood control schemes approved for Dibrugarh in the last five years, yearwise break up; and

(e) whether Government have prepared any master plan to protect Dibrugarh City from the fury of Brahmaputra river floods if so, the details thereof and if not, the reasons therefor?

THE MINISTER OF WATER RESOURCES (SHRI VIDYA CHARAN SHULKJLA): (a) Yes, Sir.

(b) The magnitude of erosion in terms of area affected in hectares are 3.20, 7.39, 2.21, 2.43 and 30.00 for the year 1987, 1988, 1989, 1990 and 1991 respectively.

(c) and (d) Under Central Loan Assistance, amount released Rs. in lakhs by Government of Assam are 3.64, 17.05,

3.23, 22.02 and 28.15 during the years 1986-87, 1987-88, 1988-89, 1989-90 and 1990-91 respectively. In addition amounts contributed by the State Government are Rs. 5.67 lakhs and Rs. 20.00 lakhs for 1990-91 and 1991-92 respectively

(e) No Master Plan for protection of Dibrugarh city has been prepared by Brahmaputra Board, but their Master Plan of main Brahmaputra river identifies the strengthening of the existing Dibrugarh city protection works. In addition one flood control project upstream of Dibrugarh town costing Rs. 10.74 crores has been technically approved for protection of Nagaghoofi Majon area.

#### **गैर सिंचित भूमि का सर्वेक्षण**

3524. श्री जेकब उत्साही: क्या जल संसाधन मंत्री यह बताने की कृपा करेंगे कि :

(क) क्या सरकार ने विभिन्न राज्यों में गैर सिंचित भूमि का पता लगाने के लिए सर्वेक्षण कराने की कोई योजना तैयार की है ; और

(ख) यदि हाँ, तो तत्संबंधी व्यौरा क्या है ?

जल संसाधन मंत्री (श्री विद्याचरण शुक्ल): (क) और (ख) केन्द्रीय सरकार विभिन्न राज्यों में गैर सिंचित वाली भूमि का पता लगाने के लिए सर्वेक्षण करने की कोई स्कीम प्रतिपादित नहीं की है। तथापि राज्य सिंचाई/जल संसाधन विभाग असिंचित क्षेत्रों को सिंचाई सुविधाएं प्रदान करने के लिए परियोजना प्रस्ताव तैयार करने के सर्वेक्षण एवं अन्वेषण तथा उनके क्रियन्वयन के कार्य में लगे हुए हैं।

**मध्य प्रदेश की सिंचाई बांध परियोजनाओं की स्वीकृति प्रदान करना**

3525. श्री जेकब "उत्साही" : क्या जल संसाधन मंत्री यह बताने की कृपा करेंगे कि :