

Rivers Development Component and Peninsular Rivers Development Component. The National Water Development Agency (NWDA) was set up under the Ministry of Irrigation in 1982 for carrying out various technical studies to establish the feasibility of the proposals of NPP and to give concrete shape to it. NWDA has already identified 14 links under Himalayan Component and 16 links under Peninsular Rivers Component. Feasibility Report of 14 links under Peninsular Component and 2 links (Indian portion) under Himalayan Component have been completed. The present status of links identified for preparation of Feasibility Reports are given in Statement. [Refer to the Statement Appended to the Answer to USO No. 598 (Part a)]

Five Peninsular links namely (i) Ke - Betwa, (ii) Parbati - Kalisindh - Chambal, (iii) Damanganga - Pinjal, (iv) Par - Tapi - Narmada and (v) Godavari (Polavaram) - Krishna (Vijayawada) have been identified as priority links for taking up their Detailed Project Reports (DPRs). DPR of one priority link namely Ken-Betwa has been completed and was communicated to the party states. Modifications of the proposals and final Detailed Project Report preparation have been taken up by NWDA in light of observations of the concerned states. The Ken-Betwa link project has been included in the scheme of National Projects.

(c) The expenditure incurred by NWDA till February, 2012 is Rs. 350.5 crore.

(d) The completion of the Inter-linking of rivers proposals depends upon the consensus and cooperation of the concerned States and agreements with neighbouring countries in case of link proposals under Himalayan Component.

Water Resources Management

603. SHRI Y.S. CHOWDARY: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether Government has any scheme/programme for Research and Development for Water Resources Management across the country;

(b) if so, the details of funds allocated and spent; and

(c) the target fixed and achieved during the last three years, State-wise?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI VINCENT PALA): (a) Yes Sir, Government of India operates a Plan Scheme namely 'Research and Development Programme in water Sector' under Ministry of Water Resources with objective to find solutions to the country's water resources related problems; to improve available technology and engineering methods and procedures, to maintain a lead in the latest technology etc.

(b) During XI Five Year Plan, an outlay of Rs. 242.19 Crore was made against which expenditure Rs. 170.43 Crore has been incurred upto December 2011.

(c) Under this Scheme, target is fixed activity-wise instead of State-wise. During last three years, activity-wise break-up of physical targets and achievements are given in Statement.

Statement

Activities	2009-10	2010-11	2011-12*
	(Target/Achievement in numbers)		
1. Completion of physical/ mathematical model/ desk studies	185/212	195/266	215/189
2. Preparation of technical reports/ research papers	560/533	510/513	582/421
3. Organisation of workshops/ seminars	26/44	30/40	30/31
4. Training of personnel	155/314	265/264	275/247

* Achievements are upto December 2011

Impact of climate change on water resources

604. SHRIMATI VIPLOVE THAKUR: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether Government has received the findings of the Standing Committee for Assessment of Impact of Climate Change on Water Resources constituted recently;

(b) if so, the details thereof; and

(c) the follow-up action taken/proposed to be taken by Government in this regard, State-wise?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI VINCENT PALA): (a) No, Sir.

(b) and (c) Do not arise.

Water Security

605. SHRI VIJAY JAWAHARLAL DARDA: Will the Minister of WATER RESOURCES be pleased to state;

(a) whether Government is aware of a study which revealed in the Strategic Foresight Group's publication-The Himalayan Challenge, portraying a frightening profile in the Himalayan Region which will face depletion of almost 275 billion cubic meters of annual renewable water;

(b) whether our most populous rivers like Ganges, Indus, Brahmaputra, etc. would have huge deficits; and

(c) the details of comprehensive measures adopted or proposed to be adopted so that we could adequately safeguard the interests of small and marginal farmers involved mostly in rain-fed cultivation and also ensuring clean drinking water supply for our teeming millions?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI VINCENT PALA): (a) Strategic Foresight Group has brought out a publication