

Irrigation projects during tenth five year plan

837. DR. GYAN PRAKASH PILANIA: Will the Minister of WATER RESOURCES be pleased to state:

(a) the execution status of major and medium irrigation projects undertaken in India particularly in Rajasthan during Tenth Five Year Plan, showing spill over from earlier plans separately, indicating their estimated cost and cost over-run, if any;

(b) the total area of land to be irrigated on completion thereof and what has been achieved so far;

(c) whether the Centre and the States are losing crores due to cost over-runs in delayed irrigation projects;

(d) if so, whether Government has made any investigation to find causes for delay; and

(e) the action proposed to be taken thereon?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI JAI PRAKASH NARAYAN YADAV): (a) and (b) As per Report of the Working Group on Water Resources for XI Five Year Plan, 477 projects including 166 Major, 222 Medium and 89 Extension, Renovation & Modernization (ERM) have spilled over to XI Plan from previous plans. Also, as per available information 76 projects out of the 178 projects anticipated/likely to be completed during X Plan by the Working Group were actually not completed and spilled over to XI Plan. Therefore, 553 projects (182 major, 273 medium and 98 ERM) are ongoing in XI Plan. Plan-wise break-up of these projects is given in the following table:

Plan of Start	Spilled Over Major, Medium and ERM Projects into XI Plan as per Report of the Working Group on Water Resources for XI Five Year Plan				Spilled Over Major, Medium and ERM Projects into XI Plan out of projects likely to be completed during X Plan as per anticipated of the Group on Water Resources for XI Five Year Plan				Total			
	Major	Medium	ERM	Total	Major	Medium	ERM	Total	Major	Medium	ERM	Total
I	0	0	0	0	0	0	0	0	0	0	0	0
II	2	0	0	2	0	0	0	0	2	0	0	2
III	5	1	0	6	1	0	0	1	6	1	0	7

1	2	3	4	5	6	7	8	9	10	11	12	13
1966-69	2	0	0	2	0	0	0	0	2	0	0	2
IV	8	5	4	17	3	0	0	3	11	5	4	20
V	33	19	1	53	4	10	0	14	37	29	1	67
1978-80	2	9	3	14	1	4	0	5	3	13	3	19
VI	25	19	6	50	2	6	1	9	27	25	7	59
VII	10	13	11	34	0	8	1	9	10	21	13	43
1990-92	2	2	0	4	0	0	1	1	2	2	1	5
VIII	19	48	11	78	1	12	3	16	20	60	14	94
IX	20	40	17	77	2	8	3	13	22	48	20	90
X	38	66	36	140	2	3	0	5	40	69	36	145
TOTAL :	166	222	89	477	16	51	9	76	182	273	98	553

Out of total latest estimated cost of Rs.271983.78 crore of these projects, expenditure of Rs. 129890.47 crore is anticipated to have been incurred upto X Plan and balance of Rs. 142093.31 crore is likely to spill over to XI Plan. Out of the total ultimate irrigation potential of 21716.83 th.ha. through these projects, 8439.01 th.ha. was anticipated to be created upto X Plan leaving balance potential of 13277.82 th.ha. in XI Plan. The State-wise nos. and their physical and financial progress is given in the Statement (See below).

(c) Cost over-run is unavoidable due to price escalation, design changes, liberalization of Resettlement & Rehabilitation (R&R) package, overall general increase in the cost of land to be acquired for the project etc. as well as time over-run.

(d) and (e) Irrigation being a State subject, planning, execution and operation and maintenance of irrigation projects are carried out by the State Government from their own resources as per their requirement and priority of works. As per the Report of the Working Group on Water Resources for XI Five Year Plan, major causes for delay in execution of irrigation projects are funds constraints, land acquisition, R&R issues, inter State issues, contractual problems, litigation etc. Considering fund constraints as one of the major bottlenecks in timely completion of project, the Central Government has been providing Central Assistance under Accelerating Irrigation Benefit Programme (AIBP) since 1996-97. The guidelines for such funding are revised from time to time to liberalize funding pattern and to include more projects in AIBP.

Statement

State-wise Abstract of Number of Ongoing Irrigation Projects, their Physical and Financial Status

(Rs. in Crore, Pot in ha.)

Sl.No.	Name of State	Number of irrigation projects				Latest	Expenditure	Likely during X Plan	Likely Exp. upto X Plan	Ultimate Spill over cost in XI Plan	Pot. irrigation Potential	Likely Created upto IX Plan	Likely Pot. Creation during X Plan	Likely Pot. Creation upto X Plan	Balance Potential in XI Plan
		Major	Medium	ERM	Total	Estd. Cost	upto IX Plan								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Andhra Pradesh	30	24	6	60	63997.27	4049.81	15436.57	19486.38	44510.89	3529.81	124.03	444.32	568.35	2961.46
2	Assam	2	3	2	7	796.86	313.36	112.53	425.89	370.97	181.07	42.86	24.67	67.53	113.54
3	Bihar	10	3	5	18	7103.33	1715.28	1123.74	2839.02	4264.31	2305.04	748.50	360.00	1108.50	1196.54
4	Chhattisgarh	4	8	1	13	3216.65	1236.91	1265.82	2502.73	713.92	809.01	485.24	184.04	669.27	139.73
5	Goa	0	0	1	1	704.26	319.61	187.04	506.65	197.61	21.06	0.20	6.87	7.07	13.99
6	Gujarat	3	20	13	36	49782.24	14174.12	15530.15	29704.27	20077.97	2015.19	165.15	361.73	526.88	1488.31
7	Haryana	4	0	1	5	1426.51	1047.29	23.42	1070.71	355.80	350.00	170.00	36.08	206.08	143.92
8	Himachal Pradesh	1	3	0	4	485.47	68.40	137.62	206.02	279.45	37.50	0.60	2.77	3.37	34.13
9	Jammu & Kashmir	0	6	4	10	439.89	126.45	50.81	177.26	262.63	51.08	13.10	1.07	14.17	36.91

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
10	Jharkhand	6	19	0	25	7828.86	2349.59	1038.71	3388.30	4440.58	476.02	9.66	24.98	34.64	441.38
11	Karnataka	15	31	5	5	28337.26	12508.42	6763.69	19272.11	9065.15	2138.16	1130.86	472.67	1603.53	534.63
12	Kerala	3	4	2	9	2131.59	704.62	613.72	1318.34	813.25	88.61	9.60	32.07	41.67	46.94
13	Madhya Pradesh	19	9	6	34	17577.46	4356.31	4674.17	9030.48	8546.98	1567.66	69.70	385.60	455.30	1112.36
14	Maharashtra	58	109	3	170	57992.87	14816.99	10528.11	25345.10	32647.77	3676.41	944.32	421.04	1365.35	2311.05
15	Manipur	2	1	4	7	951.41	368.50	382.71	751.21	200.20	72.66	4.00	15.00	19.00	53.66
16	Meghalaya	0	1	0	1	131.72	17.15	1.85	18.99	112.73	4.78	0.00	0.00	0.00	4.78
17	Nagaland	0	1	0	1	70.00	0.00	20.00	20.00	50.00	9.54	0.00	2.00	2.00	7.54
18	Orissa	8	10	15	33	8328.25	2010.85	1747.79	3758.64	4569.61	753.56	89.78	88.72	178.50	575.06
19	Punjab	1	0	3	4	2637.92	879.78	353.45	1233.23	1404.69	93.33	62.93	0.00	62.93	30.41
20	Rajasthan	2	8	3	13	3316.80	325.65	1797.06	2122.71	1194.09	293.35	0.00	128.65	128.65	164.70
21	Tamil Nadu	0	2	3	5	200.87	46.51	126.03	172.54	28.33	7.19			0.00	7.19
22	Tripura	0	3	0	3	227.96	125.60	45.54	171.13	56.83	26.72	5.42	12.33	17.75	8.97
23	Uttaranchal	1	0	0	1	1446.00	227.28	2.00	229.28	1216.72	40.00	0.00	0.00	0.00	40.00
24	Uttar Pradesh	11	0	15	26	8872.68	1547.80	3419.10	4966.90	3905.78	2406.93	539.06	611.02	1150.08	1256.85
25	West Bengal	2	8	6	16	3979.65	1009.94	162.64	1172.58	2807.08	762.17	127.02	81.38	208.39	553.78
TOTAL :		182	273	98	553	271983.78	64346.21	65544.26	129890.47	142093.31	21716.83	4742.01	3696.99	8439.01	13277.82