

**THE MINISTER OF WATER RESOURCES (SHRI ARJUN CHARAN SETHI):** (a) No, Sir.

(b) The Kachchh region of Gujarat is traversed by east-west trending faults and had witnessed destructive earthquakes in the past in the years 1819 (Kachchh), 1845 (Kachchh) and 1956 (Anjar) with magnitude of the Earthquake on Richter Scale more than or equal to 7.0. The Bureau of Indian Standards places the Rann of Kachchh area of Gujarat in Zone-V which is prone to the earthquakes of the highest order.

(c) Does not arise.

**Externally aided irrigation projects in Gujarat**

**3461. SHRI BRAHMAKUMAR BHATT:** Will the Minister of WATER RESOURCES be pleased to state:

- (a) the particulars of externally aided irrigation projects in Gujarat;
- (b) the names of Foreign Agencies funding irrigation projects;
- (c) the progress made in completion of these projects;
- (d) the details of the remaining proposed external aided irrigation projects by Gujarat Government; and
- (e) the reasons for not clearing all proposed projects?

**THE MINISTER OF WATER RESOURCES (SHRI ARJUN CHARAN SETHI):** (a) to (c) At Present, "Installation of Hydroplus Fusegates System on eight ungated schemes" with French assistance of FF (French Francs) 34.74 million is under implementation in Gujarat. As per the information received from Government of Gujarat in September 2000, fusegates for seven schemes had been carted up to the Dam sites and the fixing up of gates was in progress. Work on installing of fusegate on one more dam was also in progress. An amount of FF 28.98 Million has so far been disbursed under the project till 31st December, 2000.

In addition, under the World Bank aided "Hydrology Project", wherein Gujarat is one of the eight participating States, a cumulative disbursement of Rs. 28.22 crore has been made upto December, 2000

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against a provision of Rs. 42.03 crore for the State.

(d) and (c) The status of the project proposals submitted by Government of Gujarat is in the Statement (*See below*). Clearance of project depends upon the State Government complying with the guidelines of the donor agencies and the Government of India.

**Statement**

*Details and status of the project proposals received from State Government of Gujarat for external assistance is as under.*

*(Rs. In crores)*

Sl. No.	Name of the Project	Amount of assistance sought	Present status
1.	Augmentation of Surface water recharge in over exploited Aquifers	359.58	Proposal sent to Department of Economic Affairs for Japanese assistance on 20.7.2000 and subsequently re-submitted for Dutch assistance on 5.2.2001.
2.	Gujarat irrigation and Salinity Prevention Project	276.70	Proposal examined in the Ministry and comments sent to State Government for compliance on 30.5.2000
3.	Gujarat Water Resources Consolidation project	603.2	Department of Economic Affairs has posed the proposal to World Bank on 2.5.2000
4.	Gujarat salinity Prevention project	1160.63	Department of Economic Affairs has posed the proposal to World Bank on 14.6.2000.
5.	Sabarmati River Basin Management Project	13.51	Proposal posed for French assistance on 20.11.95

1	2	3	4
6.	Minor Irrigation Programme through Farmer's participation in Gujarat	31.0	Proposal posed for Dutch assistance on 30.8.95. Department of Economic Affairs has again been requested on 14.3.2001 to approach Dutch authorities for re-consideration of proposal.

### Area under Irrigation

3462. SHRI C.O. POULOSE: Will the Minister of WATER RESOURCES be pleased to state:

(a) the total area under irrigation in the country from First Five Year Plan to Eighth Five Year Plan, State-wise; and

(b) the rate of increase at the end of each plan period?

THE MINISTER OF WATER RESOURCES (SHRI ARJUN CHARAN SETHI): (a) and (b) Area under irrigation and its assessment based on Land use surveys varies from year to year and are not maintained according to Five Year Plans. However, details of total Irrigation Potential Utilised (IPU) in the country in different Five Year Plans from the First Plan to the end of Eighth Plan and the rate of increase at the end of each plan are as under:

*(All figures are in Million hectares)*

Five Year Plan Period	Cumulative IPU at the end of the Plan period	Increase	Rate of increase per year
1	2	3	4
I Plan (1951—56)	25.04		
II Plan (1956—61)	27.80	2.76	0.55
III Plan (1961—66)	32.17	4.37	0.87
Annual Plans (1966—69)	35.75	3.58	1.19
IV Plan (1969—74)	41.89	6.14	1.23
V Plan + Annual Plans (1974—80)	52.64	10.75	1.79
VI Plan (1980—85)	58.82	6.18	1.24
VII Plan (1985—90)	68.59	9.77	1.95