

Report on the progress (including social and economic development schemes) of Sardar Sarovar Project for the month ending September-2019

1.0 BRIEF DESCRIPTION

PROJECT: Sardar Sarovar Project Benefits

- (1) Irrigation : 1.855 Mha (75% area drought prone) in Gujarat.
: 0.246 Mha in desert districts of Rajasthan
- (2) Drinking Water : 25 Million population (by 2011) & 30 Million population (by 2021)
: 9490 villages + 173 urban centers in Gujarat
: 1336 villages & 3 towns in Rajasthan to a population of approx. 4.58 million
- (3) Hydro Power : Installed capacity : 1450 MW
- (4) Irrigation Strategy : Through RWS & PIM, maximum water use efficiency can be achieved. Water hazards due to over watering – salinity and water logging – can be prevented leading to sustainable agricultural benefits to small and marginal farmers in the command area.

2.0 PROGRESS OF MAJOR COMPONENTS OF THE PROJECT

2.1 Main Dam

- a) The construction of Main Dam has been completed and impounding of Reservoir is commenced up to F.R.L. 138.68 m. having live storage capacity 5800 MCM. The water level as on 30-09-2019 is 138.22 mt.with live storage 5611.85 MCM.
- b) Construction of Irrigation Bye Pass Tunnel has already been completed.
- c) **Garudeshwar Weir :**
Excavation and Concrete work is in progress. The progress of Excavation is 10.059 LCM and concrete is 5.2499 LCM up to **September-2019**.

2.2. Power Generation

Particular	Unit	Upto Mar-2019	September 2019	During 2019-20 (upto Sept. 19)	Cumulative upto September 19
(A) RBPH (River Bed Power House)	Million Units	35136.090	849.156	1485.342	36621.432
(B) CHPH (Canal Head Power House)	Million Units	7259.363	138.872	339.114	7598.477
Total(A+B):	MU	42395.453	988.028	1824.456	44219.909
(C) Solar Power (35 MW Canal Bank/Top)	Million Units	126.7616	2.7214	24.7711	151.5327
(D) Small Hydro Power	MU	18.2201	6.0205	37.8374	56.0575

2.3 Progress of Canal System & Irrigation Potential Created

Sr. No.	Particular	Unit	Total	Upto Mar-2019	September 2019	During 2019-20 (upto Sept. 19)	Cumulative upto September 19
(I) Canal System							
(A)	Main Canal	Km	458	458	- Completed -		458
(B)	Branch Canal	Km	2731	2617	0	8	2626
(C)	Distributary	Km	4569	4347	7	26	4373
(D)	Minor	Km	15670	13889	1	155	14044
(E)	Sub-Minor	Km	48320	39448	12	369	39816
Total:		Km	71748	60759	20	558	61317
(II) Irrigation Potential							
(A)	Up to Minor	Ha.	1792328	1638312	23	26225	1664537*
(B)	Up to Sub-Minor	Ha.	1855411	1487358	0	1418	1488776*

* includes 32934 hectares of Kutch Branch Canal where pipelines are laid for minors and subminors but they are yet to be connected. Over and above, pipelines for 8814 hectares are laid for minors and subminors during March, April, May, June, July, August & September-2019, which are yet to be connected, and hence not included in this progress.

2.4 Registration of Water Users Associations

Phase-I : 1191 Phase-II : 2021 Total : 3212

3.0 ENVIRONMENTAL SAFEGUARD MEASURES

During the month, Advance works of current year 2019-20 plantation-70 ha and maintenance of previous year plantations along the canal bank continued.

Total 20.00 lakh fingerlings to be stocked in Sardar Sarovar Dam for the year 2019-20.

4.0 AGRICULTURAL EXTENSION AND MONITORING:

For the benefits of farmers, (1) 04 Demonstrations on Research stations, 06 on farmers' field are conducted; (2) 20 training programs, 04 Khedut shibir/Sabha, 11 FIG/SHG/Field day were organized; (3) 50 soil samples were collected for soil testing followed by providing soil health card and (4) 01 participation in Krishi Mahotsav.