

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

1.0 BRIEF DESCRIPTION

PROJECT: Sardar Sarovar Project Benefits

- (1) Irrigation : 1.84 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 : 1450MW
- (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 31-03-2019 is 118.38 mt. with live storage 986.60 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 9.6631 LCM and concrete is 4.2824 LCM up to **March-2019**.

2.2. Power Generation

Particular	Unit	Upto Mar-2018	March 2019	During 2018-19(upto March 19)	Cumulative upto March 19
(A) RBPH (River Bed Power House)	Million Units	35136.090	0.000	0.000	35136.090
(B) CHPH (Canal Head Power House)	Million Units	6664.573	25.234	594.790	7259.363
Total(A+B):	MU	41800.663	25.234	594.790	42395.453
(C) Solar Power (35 MW Canal Bank/Top)	Million Units	71.5280	5.7916	55.2336	126.7616

2.3 Progress of Canal System & Irrigation Potential Created

Sr. No.	Particular	Unit	Total	Upto Mar-2018	March 2019	During 2018-19(upto March 19)	Cumulative upto March 19
(I) Canal System							
(A)	Main Canal	Km	458	458	- Completed -		458
(B)	Branch Canal	Km	2731	2605	0	13	2617
(C)	Distributary	Km	4569	4220	3	127	4347
(D)	Minor	Km	15670	13105	24	783	13889
(E)	Sub-Minor	Km	48320	33556	190	5892	39448
Total:		Km	71748	53944	217	6815	60759
(II) Irrigation Potential							
(A)	Up to Minor	Ha.	1792328	1539677	9199	98635	1638312*
(B)	Up to Sub-Minor	Ha.	1855411	1235211	5842	252147	1487358*

* includes 39934 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 5578 hectares are laid for minors and subminors during March-2019, which are yet to be connected, and hence not included in this progress.

2.4 Registration of Water Users Associations registered

Phase-I : 1191 Phase-II : 1746 Total : 2937

3.0 ENVIRONMENTAL SAFEGUARD MEASURES

During the month, maintenance of current year 80 ha. area plantation and previous year plantations along the canal bank continued.

Total 20.003 lakh fingerlings were stocked for the year 2018-19.

4.0 AGRICULTURAL EXTENSION AND MONITORING:

For the benefits of farmers, (1) 18 training programs, 05 khedut shibir/sabha, 06 FIG/SHG/field day were organized, (2) 252 soil samples were collected for soil testing followed by providing soil health card and (3) 01 staff-training workshop for Work Assistant and 02 exposure visit were organized. A successful innovation on research station was also conducted.

Carried out sampling at 172 and 207 locations, respectively for soil quality and soil water quality monitoring.

