

Report on the progress (including social and economic development schemes) of Sardar Sarovar Project for the month ending July-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 31-07-2019 is 122.04 mt. with live storage 1587.58 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 9.8424 LCM and concrete is 5.1381 LCM up to **July-2019**.

2.2. Power Generation

Particular	Unit	Upto Mar-2019	July 2019	During 2019-20 (upto July 19)	Cumulative upto July 19
(A) RBPH (River Bed Power House)	Million Units	35136.090	0.000	0.342	35136.432
(B) CHPH (Canal Head Power House)	Million Units	7259.363	48.004	121.711	7381.074
Total(A+B):	MU	42395.453	48.004	122.053	42517.506
(C) Solar Power (35 MW Canal Bank/Top)	Million Units	126.7616	3.5392	19.4297	146.1913
(D)Small Hydro Power	MU	18.2200	7.9396	24.4388	42.6588

2.3 Progress of Canal System & Irrigation Potential Created

Sr. No.	Particular	Unit	Total	Upto Mar-2019	July 2019	During 2019-20(upto July 19)	Cumulative upto July 19
(I) Canal System							
(A)	Main Canal	Km	458	458	- Completed -		458
(B)	Branch Canal	Km	2731	2617	0	8	2625
(C)	Distributary	Km	4569	4347	2	19	4366
(D)	Minor	Km	15670	13889	11	151	14040
(E)	Sub-Minor	Km	48320	39448	221	350	39798
Total:		Km	71748	60759	234	528	61287
(II) Irrigation Potential							
(A)	Up to Minor	Ha.	1792328	1638312	8651	25855	1664167*
(B)	Up to Sub-Minor	Ha.	1855411	1487358	1230	1230	1488588*

* 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 8814 hectares are laid for minors and subminors during March, April, May, June & July-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 : 1917 Total : 3108

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) 15 Demonstrations on Research stations, 81 on farmers' field are conducted; (2) 14 training programs, 09 Khedut shibir/Sabha, 02 FIG/SHG/Field day and 01 AV van campaign were organized; (3) 48 soil samples were collected for soil testing followed by providing soil health card.

