

Report on the progress (including social and economic development schemes) of Sardar Sarovar Project for the month ending January-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 Narmada Control Authority has given the permission on 16-06-2017 for lowering down the gates of main dam and impounding of water in the reservoir to F.R.L . Accordingly, the gates of the dam have been closed on the next day i.e 17-06-2017. The water level as on 31-01-2019 is 119.31 mt.
- 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 9.5551 LCM and concrete is 4.1323 LCM up to **January-2019**.

2.2. Power Generation

Particular	Unit	Upto Mar-2018	January 2019	During 2018-19 (upto January 19)	Cumulative upto January 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	97.429	507.581	7172.154
Total(A+B):	Million Units	41800.663	97.429	507.581	42308.244
(C) Solar Power (35 MW Canal Bank/Top)	Million Units	71.5280	4.8697	44.7664	116.2944

2.3 Progress of Canal System & Irrigation Potential Created

Sr. No.	Particular	Unit	Total	Upto Mar-2018	January 2019	During 2018-19 (upto January 19)	Cumulative upto January 19
(I) Canal System							
(A)	Main Canal	Km	458	458	- Completed -		458
(B)	Branch Canal	Km	2731	2605	0	12	2617
(C)	Distributary	Km	4569	4220	8	120	4340
(D)	Minor	Km	15670	13105	55	736	13841
(E)	Sub-Minor	Km	48320	33556	70	5615	39171
Total:		Km	71748	53944	133	6483	60427
(II) Irrigation Potential							
(A)	Up to Minor	Ha.	1792328	1539677	1450	87315	1626992*
(B)	Up to Sub-Minor	Ha.	1855411	1235211	596	243976	1479187*

* includes 59934 hectares of Kutch Branch Canal where pipelines are laid for minors and subminors but they are yet to be connected.

2.4 Registration of Water Users Associations registered

Phase-I : 1191 Phase-II : 1475 Total : 2666

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. Stocking of fingerlings in Sardar sarovar Reservoir is continued. Total 20.003 lacs fingerlings were stocked for the year 2018-19.

4.0 AGRICULTURAL EXTENSION AND MONITORING:

For the benefits of farmers, (1) 13 training programs, 17 khedut shibir/sabha, 22 FIG/SHG/field day were organized, (2) 99 soil samples were collected for soil testing followed by providing soil health card and (3) a campaign through Audio Visual Van and 01 workshop was organized for Work assistant and also participation in 01-Krushi Mahotsav.

Carried out sampling at (1) 203 locations for soil quality and (2) 61 locations for soil water quality monitoring.