

Report on the progress (including social and economic development schemes) of Sardar Sarovar Project for the month ending December-2018

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 : Through RWS & PIM, maximum water use efficiency can be
Strategy 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 31-12-2018 is 123.50 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 9.4511 LCM and concrete is 4.0458 LCM up to **December-2018**.

2.2. Power Generation

Particular	Unit	Upto Mar-2018	December 2018	During 2018-19 (upto December 18)	Cumulative upto December 18
(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	110.235	410.152	7074.725
Total(A+B):	Million Units	41800.663	110.235	410.152	42210.815
(C) Solar Power (35 MW Canal Bank/Top)	Million Units	71.5280	4.5628	39.8966	111.4246

2.3 Progress of Canal System & Irrigation Potential Created

Sr. No.	Particular	Unit	Total	Upto Mar-2018	December 2018	During 2018-19 (upto December 18)	Cumulative upto December 18
(I) Canal System							
(A)	Main Canal	Km	458	458	- Completed -		458
(B)	Branch Canal	Km	2731	2605	1	12	2617
(C)	Distributary	Km	4569	4220	15	112	4332
(D)	Minor	Km	15670	13105	29	681	13786
(E)	Sub-Minor	Km	48320	33556	80	5545	39101
Total:		Km	71748	53944	125	6350	60294
(II) Irrigation Potential							
(A)	Up to Minor	Ha.	1792328	1539677	2093	85865	1625542*
(B)	Up to Sub-Minor	Ha.	1855411	1235211	3993	243380	1478591*

* 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 : 1435 Total : 2626

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 for the year 2018-19 is in progress.

4.0 AGRICULTURAL EXTENSION AND MONITORING:

For the benefits of farmers, (1) Demonstrations on 02 Research stations and 10 Farmers field are allotted; and (2) 13 training programs, 11 khedut shibir/sabha, 07 FIG/SHG/field day were organized. (3) 189 soil samples were collected for soil testing followed by providing

soil health card and (4) 01 campaign through Audio-Video Van and 01 Rabi farmers' workshop was organized.

Carried out soil and water sampling at (1) 67 locations for soil and water quality.(2) 1991 locations for ground water depth and quality monitoring.