

Report on the progress (including social and economic development schemes) of Sardar Sarovar Project for the month ending October-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 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 31-10-2018 is 127.57 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 9.2941 LCM and concrete is 3.9794 LCM up to **October-2018**.

2.2. Power Generation

Particular	Unit	Upto Mar-2018	October 2018	During 2018-19 (upto October 18)	Cumulative upto October 18
(A) RBPB (River Bed Power House)	Million Units	35136.090	00.000	0.000	35136.090
(B) CHPH (Canal Head Power House)	Million Units	6664.573	99.714	207.815	6872.388
Total(A+B):	Million Units	41800.663	99.714	207.815	42008.478
(C) Solar Power (35 MW Canal Bank/Top)	Million Units	71.528	5.105	30.772	102.300

2.3 Progress of Canal System & Irrigation Potential Created

Sr. No.	Particular	Unit	Total	Upto Mar-2018	October 2018	During 2018-19 (upto October 18)	Cumulative upto October 18
(I) Canal System							
(A)	Main Canal	Km	458	458	- Completed -		458
(B)	Branch Canal	Km	2731	2605	1	9	2614
(C)	Distributary	Km	4569	4220	6	97	4317
(D)	Minor	Km	15670	13105	27	615	13720
(E)	Sub-Minor	Km	48320	33556	71	5423	38979
Total:		Km	71748	53944	105	6144	60088
(II) Irrigation Potential							
(A)	Up to Minor	Ha.	1792328	1539677	255	75428	1615105
(B)	Up to Sub-Minor	Ha.	1855411	1235211	4128	228038	1463249

2.4 Registration of Water Users Associations registered

Phase-I : 1191 Phase-II : 1403 Total : 2594

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.

4.0 AGRICULTURAL EXTENSION AND MONITORING:

For the benefits of farmers, (1) Demonstrations on 06 Research stations and 114 Farmers field are allotted; and (2) 14 training programs, 13 khedut shibir/sabha, 05 FIG/SHG/field day, 01 Exposure visit, 02 audio-video van campaign were organized.

Carried out sampling at (1) 52 locations for soil and water quality. (2) 436 locations for ground water depth and quality, (3) 178 locations for surface water quality and (4) 45 strategic locations for pesticide residue monitoring.

