

Report on the progress (including social and economic development schemes) of Sardar Sarovar Project for the month ending November-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 30-11-2018 is 126.24 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 9.3416 LCM and concrete is 4.0086 LCM up to **November-2018**.

2.2. Power Generation

Particular	Unit	Upto Mar-2018	November 2018	During 2018-19 (upto November 18)	Cumulative upto November 18
(A) RBPH (River Bed Power House)	Million Units	35136.090	00.000	0.000	35136.090
(B) CHPH (Canal Head Power House)	Million Units	6664.573	92.102	299.917	6964.490
Total(A+B):	Million Units	41800.663	92.102	299.917	42100.580
(C) Solar Power (35 MW Canal Bank/Top)	Million Units	71.528	4.562	35.334	106.862

2.3 Progress of Canal System & Irrigation Potential Created

Sr. No.	Particular	Unit	Total	Upto Mar-2018	November 2018	During 2018-19 (upto November 18)	Cumulative upto November 18
(I) Canal System							
(A)	Main Canal	Km	458	458	- Completed -		458
(B)	Branch Canal	Km	2731	2605	2	11	2616
(C)	Distributary	Km	4569	4220	0	97	4317
(D)	Minor	Km	15670	13105	36	651	13757
(E)	Sub-Minor	Km	48320	33556	43	5466	39021
Total:		Km	71748	53944	81	6225	60169
(II) Irrigation Potential							
(A)	Up to Minor	Ha.	1792328	1539677	8344	83772	1623449
(B)	Up to Sub-Minor	Ha.	1855411	1235211	11349	239387	1474598

2.4 Registration of Water Users Associations registered

Phase-I : 1191 Phase-II : 1414 Total : 2605

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 08 Research stations and 255 Farmers field are allotted; and (2) 07 training programs, 14 khedut shibir/sabha, 05 FIG/SHG/field day were organized. 114 soil samples were collected for soil testing followed by providing soil health card.

Carried out sampling at (1) 35 locations for soil and water quality. (2) 1248 locations for ground water depth and quality and (3) 40 locations for pesticide residue monitoring.

