

DETAILS OF SMALL HYDRO POWER PROJECTS ON VARIOUS BRANCH CANALS OF SSNNL**Name of the Project: Small Hydro Power Projects on Saurashtra Branch Canal of SSNNL**

Sr. No.	Description	Details		
1	Site/Location	CH 5150 M	CH 17760 M	CH 32940 M
2	Block/Dist./State	Siyapur, Kadi, Mehsana, Gujarat	Khavad, Mehsana, Gujarat	Nani Kumad, Viramgarm, Ahmedabad, Gujarat
3	No. of Units & Capacity (KW)	3X5000	3 X5000	3 X5000
4	Total Capacity of the project (KW)	15000	15000	15000
5	Type of Project	Canal Fall		
6	Head (m)	11.31	12.20	11.62
7	Discharge (Cumeecs)	49.17	49.17	49.17
8	Type of Turbine	Horizontal S-Type Kaplan		
9	Status	Commissioned on 01-12-2018	Commissioned on 27-02-2019	Work in Progress

Name of the Project: Small Hydro Power Projects on Kachchh Branch Canal of SSNNL

Sr. No.	Description	Details		
1	Site/Location	CH 20670 M	CH 40300 M	CH 82300 M
2	Block/Dist./State	Beda, Banaskantha, Gujarat	Kilana, Banaskantha, Gujarat	Madhutra, Patan, Gujarat
3	No. of Units & Capacity (KW)	3X3330	2 X3330	2 X3330
4	Total Capacity of the project (KW)	9990	6660	6660
5	Type of Project	Canal Fall		
6	Head (m)	11.20	9.20	10.20
7	Discharge (Cumeecs)	33.77	41.55	37.08
8	Type of Turbine	Horizontal S-Type Kaplan		
9	Status	Work in Progress	Work in Progress	Work in Progress

Name of the Project: Small Hydro Power Projects on Miyagam Branch Canal of SSNNL

Sr. No.	Description	Details					
1	Site/Location	CH 2315 M	CH 4150 M	CH 6415 M	CH 7500/8531 M	CH 9900 M	CH 16700 M
2	Block/Dist./State	Fanta, Chhota Udaipur, Guiarat.	Dormar, Chhota Udaipur, Guiarat.	Bhulvan, Undi Chhota Udaipur, Guiarat.	Bhulvan Chhota Udaipur, Guiarat.	Bhadarpur, Chhota Udaipur, Guiarat.	Manjrol, Chhota Udaipur, Guiarat.
3	No. of Units & Capacity (KW)	3X 750	2X 750	2 X 750	3X 750	3X 750	3X 750
4	Total Capacity of the project (KW)	2250	1500	1500	2250	2250	2250
5	Type of Project	Canal Fall					
6	Head (m)	5.00	3.00	3.00	5.00	4.00	4.00
7	Discharge (Cumeecs)	17.66	29.43	29.43	17.66	22.07	22.07
8	Type of Turbine	Horizontal S-Type Kaplan					
9	Status	Work in Progress	Work in Progress	Commissioned on 15-05-2018	Work in Progress	Work in Progress	Work in Progress

Name of the Project: Small Hydro Power Projects on Vadodara Branch Canal of SSNNL

Sr. No.	Description	Details					
1	Site/Location	CH 6720 M	CH 11080 M	CH 14580 M	CH 21000M	CH 22500/ 22800 M	CH 24290 M
2	Block/Dist./State	Gutal, Waghodia, Vadodara, Gujarat	Sanoli, Waghodia, Vadodara, Gujarat.	Raval, Waghodia, Vadodara, Gujarat.	Nimeta, Waghodia, Vadodara, Gujarat.	Murlipura, Waghodia, Vadodara, Gujarat.	Kumetha, Waghodia, Vadodara, Gujarat.
3	No. of Units & Capacity (KW)	4X263	4X 175	3X234	3X200	4X375	3X200
4	Total Capacity of the project (KW)	1052	700	702	600	1500	600
5	Type of Project	Canal Fall					
6	Head (m)	4.50	3.00	3.70	3.30	6.50	3.00
7	Discharge (Cumeecs)	7.57	7.57	8.13	7.87	7.45	8.67
8	Type of Turbine	Archimedean Screw					
9	Status	Work in Progress	Work in Progress	Work in Progress	Commissioned on 21-12-2018	Work in Progress	Commissioned on 24-12-2018