
Major and Minor Irrigation Projects in Kolhapur District

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Tulshi Project :

The construction of this lift irrigation project on the river Tulshi at Burambai in Radhanagari taluka was begun in 1972 and completed in 1978 at a cost of Rs.650.36 lakh. The height of the dam is 48.6 mts. and its capacity is 98.29 million cu.mt. After the full development of its irrigation potential, the dam will irrigate a total of 5,711 ha. of lands. It presently provides water to perennially cropped 1,870 ha. of lands and seasonally cropped 345 ha. of lands.

Tillari Hydroelectric Project :

Tillari is an ambitious hydroelectric-cum-canal irrigation project on the river Tillari in Chandgad taluka and is a joint venture of States of Maharashtra and Goa. The project was completed in December, 1986, at a cost of Rs.4,345 lakh. The height of the dam is 38 mts. and its capacity is 464.19 million cu.mt. The total command area of the project is 8005 ha., most of which lies in Goa State. The Maharashtra State Electricity Board has already started buying electricity from this project.

Dudhganga (Kalamawadi) Project :

Kalamawadi is a prestigious canal irrigation project on the river Dudhganga at Asangaon in Radhanagari taluka and is a joint venture of States of Maharashtra and Karnataka. The project was completed in May, 2004, at a cost of Rs.79,865 lakh. The height of the dam is 73.08 mts. and its reservoir capacity is 719.12 million cu.mt. The total command area of the project is 93,209 ha. (73,340 ha. in Maharashtra and 29,869 ha. in Karnataka). Presently, it irrigates 16,806 ha. perennially cropped and 9,935 ha. seasonally cropped lands.

Warana Project :

Warana is a large canal irrigation project on the river Warana at Amboli in Shahuwadi taluka of Kolhapur district and Chandoli in Shirala taluka of Sangli district. The project was completed in May, 2004, at a cost of Rs.1,11,786 lakh. The height of the dam is 77 mts. and its reservoir capacity is 974.20 million cu.mt. Its total command area is 1,46,871 ha. (93,046 ha. in Kolhapur district and 53,825 ha. in Sangli district). Presently, it irrigates 250 ha. perennially cropped lands and 1,700 ha. seasonally cropped lands.

Medium Irrigation Projects in Kolhapur District

All the ten medium projects in the district are lift irrigation projects.

- ✓ **Kasari Project:** Kasari project is situate at Yelavade village in Shahuwadi taluka on the river Kasari. The project was completed in June, 2001, at a cost Rs.2,895 lakh. The height of the dam is 44.25 mts. and its reservoir capacity is 78.56 million cu.mt. The total command area of the project is 12,141 ha. Presently, the project irrigates 5,222 ha. perennially and 764 ha. seasonally

cropped lands.

- ✓ **Patgaon Project** : Patgaon project is situate at Patgaon village in Bhudargad taluka on the river Vedganga. The project was completed in June, 2001, at a cost Rs.8220 lakh. The height of the dam is 39.2 mts. and its reservoir capacity is 105.25 million cu.mt. The total command area is 10,882 ha. At present, the project irrigates 1,944 ha. perennially and 152 ha. seasonally cropped lands.
- ✓ **Kumbhi Project** : Kumbhi project is situate at Narveli village in Gagan Bavda taluka on the river Kumbhi. The project was completed in June, 2001, at a cost Rs.4,863 lakh. The height of the dam is 42.6 mts. and its reservoir capacity is 76.88 million cu.mt. The total command area is 10,179 ha. Presently, it irrigates 1,624 ha. perennially cropped and 303 ha. seasonally cropped lands.
- ✓ **Kadavi Project**: Kadavi project is situate at Golivade village in Shahuwadi taluka on the river Kadavi. The project was completed in June, 2001, at a cost Rs.6,973 lakh. The height of the dam is 36 mts. and its reservoir capacity is 71 million cu.mt. The total command area is 12,000 ha. No irrigation hectarage is as yet covered under this Project.
- ✓ **Chitri Project**: Chitri project is situate at Rayawada village in Ajra taluka on the river Chitri. The project was completed in June, 2001, at a cost Rs.7,994 lakh. The height of the dam is 55.11 mts. and its reservoir capacity is 53.4 million cu.mt. The total command area is 13,085 ha. Presently, it irrigates 2,437 ha. perennially cropped lands and 133 ha. seasonally cropped lands.
- ✓ **Chikotra Project**: Chikotra project is situate at Zulpewadi village in Ajra taluka on the river Chikotra. It was completed in June, 2001, at a cost Rs.13,794 lakh. The height of the dam is 60.2 mts. and its reservoir capacity is 43.11 million cu.mt. The total command area of the project is 7,888 ha. Presently, it irrigates 406 ha. perennially cropped and 290 ha. seasonally cropped lands.
- ✓ **Jangamhatti Project**: Jangamhatti project is situate at Jangamhatti village in Chandgad taluka on the river on the Honhal tributary of the river Tamraparni. The project was completed in June, 2001, at a cost Rs.2,632 lakh. The height of the dam is 31.4 mts. and its reservoir capacity is 34.21 million cu.mt. The total command area of the project is 4,530 ha. Presently, it irrigates 485 ha. perennially cropped lands and 38 ha. seasonally cropped lands.
- ✓ **Jambare Project** : Jambare project is situate in Chandgad taluka and was completed in 2001 at a cost Rs.6,603 lakh. The height of the dam is 39.16 mts. and its reservoir capacity is 23.23 million cu.mt. Its total command area is 6,642 ha. Now, it irrigates 2,150 ha. perennially and 365 ha. seasonally cropped lands.
- ✓ **Ghatprabha Project** : Ghatprabha project is situate at Phatak wadi village in Chandgad taluka on the river Ghatprabha. The project was completed in 2001 at a cost Rs.3,942 lakh. The height of the dam is 48.30 mts. and its reservoir capacity is 43.606 million cu.mt. The total command area of the project is 7,695 ha. Presently, it irrigates 1210 ha. perennially and 25 ha. seasonally cropped lands.
- ✓ **Dhamani Project** : Dhamani project is situate at Rai village in Radhanagari taluka on the river Dhamni. The project was completed in 2003 at a cost Rs.15,639 lakh. The height of the dam is 78 mts. and its reservoir capacity is 109 million cu.mt. The total command area of the project is 2,500 ha. No irrigation hectarage is as yet covered under this Project.

Minor Irrigation Projects in Kolhapur District

More than 50 minor irrigation projects have already been completed in Kolhapur district. Their taluka-wise distribution is: 9 in Chandgad taluka, 7 each in Ajra, Gadhinglaj and Kagal talukas, 4 in Karveer, 3 in Radhanagari and Gagan Bavda talukas and 2 each in Shahuwadi and Shirol talukas. The aggregate cost of these projects is Rs.659.19 lakh. These projects collectively irrigate 14,936 ha. in Kolhapur district and 3,209 ha. in Sangli district. In addition, construction work of 18 another minor irrigation projects is in progress at a cost of Rs.573.97 lakh for bringing 4,479 ha. under irrigation.

Kolhapur-type (KT) Weirs

Kolhapur-type (KT) weirs are unique to Kolhapur District. There are 71 such weirs on different rivers, as: 11 on the Hiranyakeshi, 10 on the Vedganga, 9 on the Warana, 7 each on the Kasari, the Chikotra, the Kumbhi, 6 on the Tamraparni, and 3 each on the Kadvi, Ghatprabha and Dhamani. The collective reservoir capacities of these weirs is 3,425 million cu.mt., which is used for irrigating 16,653 ha.

Percolation Tanks

The Kolhapur Zilla Parishad has constructed 55 percolation tanks at a cost of Rs.277.57 lakh for bringing 4,564 ha. land under irrigation. The Zilla Parishad has also commissioned 28 lift irrigation schemes at a cost of Rs.39.44 lakh for irrigating 2,456 ha. [44]

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