



ಕರ್ನಾಟಕ ನೀರಾವರಿ ನಿಗಮ ನಿಯಮಿತ
(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಉದ್ಯಮ)

KARNATAKA NEERAVARI NIGAM LIMITED

(A Karnataka Government Enterprise)

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Justification for locating the project in forest Land

Gokak is a taluka headquarters in the Belagavi District of Karnataka state, India. It is located around 70 Km from Belgaum at the confluence of two rivers, the Ghataprabha and the Markandeya. The population of the town according to 2011 census is approximately 1,35,715.

- Gokak town and its surrounding villages are facing acute drinking water shortage and mostly depended on bore wells to meet their requirements.
- Estimated population of the Gokak town and adjoining 3 towns as per census 2011-12 is 1, 35,715.
- Besides there are nearly 131 number of villages with an estimated population of 4, 76,448.
- Bhailahongla, Saudatti and Hukkeri taluks are also having acute drinking water problems.
- Considering the growth for next 40 years, the estimated drinking water needs will be 2.76 TMC, which includes livestock requirements.

The only nearest source of surface water is Markandeya river. Unfortunately, the river is seasonal and the rainfall is erratic and hence cannot be considered for harnessing the same without storage. Hence construction of a Dam is inevitable to meet the long term objective of proving drinking water from an assured source.

Ghatti Basavanna Drinking Water Supply Project envisages construction of dam across Markandeya River near Gokak to store 6 TMC of water. The project aims at providing drinking water to the Gokak, Hukkeri, Bailahongal, Soudatti and other towns and surrounding villages deprived of drinking water facilities. The project also aims at filling up of tanks and providing water for industrial needs. As per National Water Policy, 2012 and Karnataka Water Policy, 2012, providing safe drinking water to the water deficit area is the primary concern of the Government. Hence, the project is very much necessary to the region considering the growth of the population in the next 40 years. The Water allocation proposed for various talukas is as follows. KNNL will be the executing agency for construction of dam for storing the water. Further, other line departments like KUWS&DB and RWS, RDPR, KIADB, Minor Irrigation and Ground Water Development, etc.


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Table: Requirement of Water Needs

Sl no	Particulars	Quantity (TMC)
A.	Drinking Water	
1	Gokak Town	0.56
2	131 villages in and around Gokak town	1.24
3	Part of Hukkeri Taluk	0.26
4	Part of Bailahongal Taluk	0.35
5	Part of Savadatti Taluk	0.35
Total Drinking water needs		2.76
B	Livestock	0.62
C	Industrial needs	0.50
D	Tank filling	0.60
E	Dead storage	0.38
F	Evaporation loss	0.50
G	Environmental losses	0.60
Grand Total		5.96 say 6.00


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