



Karnataka neeravari nigama limited: Need for a fresh look

Nizamuddin¹, Dr. NK Gowda²

¹ Research Scholar, Department of Economics, Davanagere University, Shivagangothri Campus Davanagere, Karnataka, India

² Professor, Department of Economics, Davanagere University, Shivagangothri Campus Davanagere, Karnataka, India

Abstract

Charting the evolution of irrigation in Karnataka, this article looks into the nature of shifts that have occurred over the years, and the major challenges it faces now. Under the various Irrigation projects in Karnataka villages have been submerged and work of rehabilitation is completed and shifted to Rehabilitation center. All the works including raising main, intake canal are yet to be complete/completed.

Keywords: markandeya right bank canal, doodhganga irrigation project, lifting of water, power line work, fic works, khariff season and rabi season, lift irrigation scheme, krishna river, headworks, pumphouse, water disputetribunal, forest department, jackwell, delivery chambe

Introduction

The irrigation in Karnataka and the way it is managed have changed over the years though the formal institutions entrusted with water resources have not kept pace. Irrigation development in postcolonial times began with large-scale public irrigation systems. Since the 1970s, farmers have increasingly invested in groundwater wells and pumps. The ground-water and surface water sectors have always operated in silos and rarely interacted with farmers who, starting somewhere in the mid-1970s, took irrigation into their own hands. Traditionally, surface water has been under the irrigation departments of different districts, while groundwater assessment has been the responsibility of the state groundwater departments. Different irrigation projects sachems in Karnataka have been disused systematically.

Ghataprabha Project

Under this project it is proposed to irrigate 310823 Ha areas of Athani, Chikkodi, Gokak, Hukkeri, Raibag, Ramdurg, Savadatti, Badami, Bagalkot, Bilagi, Hunagund, Jamakhandi & Mudhol Taluks of Belgaum & Bagalkot District. Outlet potential is created. FIC works and Balance works are under progress.

Table 1: Canal Details

Canal Length	GRBC	GLBC
Canal	199 Km	109 Km
Branch Canal	88 Km	210 Km
Distributaries	994 Km	494 Km

Lift schemes coming under Ghataprabha projects are as under:

- Daddinaganur
- Rustumpur
- Kotabagi

The above lift schemes are completed & FIC works are under progress.

Hippargi Irrigation Project

Under this project it is proposed to irrigate 74742 Ha areas of Athani, Chikkodi & Jamakhandi Taluks of Belgaum & Bagalkot District. Total length of canal is 306Km.

Lift schemes coming under this project are as follows:

- Ainapur stage-I & II
- Karimasuthi stage I & II
- Halyal stage I & II
- Savalgi –Tungal.

All the lift schemes are completed. Distributaries work and FIC works are under progress.

Markandeya Project

Under this project it is proposed to irrigate 14448 Ha areas of Belgaum, Gokak, Hukkeri, & Savadatti, Taluks of Belgaum District. Under this project villages have been submerged and work of rehabilitation is completed and shifted to Rehabilitation center. Under this project distributaries work and FIC works are under progress. All other works are completed

Murgod lift Irrigation Scheme

This scheme is envisages lifting of water from 55th km of Markandeya right bank canal (near Malagali village) to irrigate 1939 Ha of area in 8 villages. The headworks are in progress and estimates for the remaining canal works are under preparation.

Chachadi lift Irrigation Scheme

This scheme is envisages lifting of water from 34th km of Markandeya right bank canal to irrigate 2718 Ha of area. Tender for the headwork and initial 5.00 km. works are awarded on turnkey basis and works are in progress. Remaining work estimates under preparation.

Doodhganga Project

Doodhganga Irrigation Project is an interstate project of Maharashtra and Karnataka. The project envisages construction of composite dam across the river Doodhganga near village Asangaon of Ratanagari taluk in Kolhapur District of Maharashtra state. This project envisages to provide irrigation benefits to 44,766 Ha. in Maharashtra state and 15,167 Ha in Karnataka state.

Branch Canal	Nidhori	Bidari	Dattawad
Canal length	21.57	25.155	30.00

Nidhori branch canal works are completed. Bidari branch canal works are under progress. Dattawad branch canal works are lingering because of land acquisition problem.

Hiranyakeshi lift Irrigation Scheme

Hiranyakeshi LIS is proposed to lift 8 TMC of water from Hiranyakeshi river to feed GRBC during Khariff season. This scheme has been proposed to meet the likely shortage of water due to over utilisation under GLBC. All the works including raising main, intake canal are completed. The 8MVA of power required for the project is completed and power line work is completed. Trial run will be done after testing the equipments.

Bellary Nala Project

The Bellary nala irrigation project envisages to irrigate 8200 Ha of land in Belgaum, Gokak, Saudatti & Bailahongal taluks of Belgaum districts by constructing a dam across Bellary nala which is a main tributary to Markendaya river. Excavation for dam foundation, concreting in block 1 to 6 and 8 to 18 are partly completed. Total length of main canal is 106 km, works in reach from km 44 to 106 are under progress. (Except km 1 to 10 & 32 to 40, which is under forest area?)

Sri Rameshwara Lift Irrigation Scheme

This lift Irrigation is proposed to irrigate 13800 ha area in of Gokak, Ramadurga and Savadatti Taluks of Belgaum District by utilising the 2.2 TMC of water. The water will be drawn from Ghataprabha River by suitable intake structure. Outlet potential is created. FIC works are under progress.

Kinaye Project

It is proposed to construct Kinaye dam across Mangothri river near Kinaye village in Belgaum District. It is proposed irrigate an area of 1200 Ha in Khariff season and 275 Ha in Rabi season. In the first phase tenders for the dam and allied works are awarded and the works are under progress. After completion of dam and allied works, the works related to canal network will be taken in the second phase.

Malikwad lift Irrigation Scheme

This scheme comprises of rehabilitation work including filling of tanks of Yadanwadi, Vadagol and Bainakwadi villages of Chikodi Taluka and also including rejuvenation of lift irrigation scheme of Malikwad village. The works are nearing completion.

Filling of Shiragaon Basavanna Tank

The lift irrigation scheme is proposed to provide water to Basavanna Percolation Tank near Shiragaon village by lifting water from Doodhganga River in Chikkodi Taluka Belgaum District to improve ground water table. The works are entrusted on Turnkey Basis & are nearing completion.

Filling up of Kadapur Tank

The lift irrigation scheme is proposed to fill Kadapur Tank near Kadapur village, Chikkodi Taluka by lifting water from Krishna River. The work is entrusted on Turnkey Basis & is nearing completion.

Filling Up of 22 Tanks from Hiranyakeshi River (18 Tanks of Huk-Keri Taluka & 4 Tanks of Chikodi Taluka)

The project envisages lifting of water from Hiranyakeshi River to fill 22 tanks in Hukkeri taluk. The work is entrusted on turnkey basis and works are under progress.

Tubachi Babaleshwar Lift Irrigation Scheme

The lift irrigation scheme is proposed to irrigate 52,700 ha areas of Vijayapur, Athani & Jamakhandi of Vijayapura, Belagavi & Bagalkot District by utilising the 6.30 TMC of water from Krishna River during Kharif season. The Head work is entrusted on turnkey basis and the work is under progress. It is proposed to irrigate 31,436 ha of land through west canal and 21,264 of land through east canal. West canal works are under tendering process.

Basaveshwar (Kempwad) Lift Irrigation Scheme

The lift irrigation scheme is proposed to irrigate 27462 Ha of 22 draught affected villages coming under Athani Taluka Belgaum District, utilizing 4.00 TMC of water from backwaters of Hipparagi Barrage during rainy season. The tender is awarded on turn key basis and the works are under progress.

Veerabhadreshwar Lift Irrigation Scheme

The lift irrigation scheme is proposed to irrigate 17,377Ha of Mudhol and Ramdurga taluk by utilizing 2.40 TMC of water during Khariff season & filling up of tanks in the command by utilizing 0.10 TMC of water. Tenders for the construction of headworks, pumphouse, erection of pumping machinery and raising main are awarded and the works under progress.

Venkateshwar Lift Irrigation Scheme

The lift irrigation scheme is proposed to irrigate 7200Ha of area in 4 villages of Mudhol and 6 villages of Jamakhandi taluk. Tenders for the construction of headworks, pumphouse, erection of pumping machinery and raising main are awarded and the works are under progress.

Malaprabha Project

Malaprabha project envisages to irrigate 2,20,028 Ha areas of Belgaum, Dharwad, Gadag & Bagalkot District by constructing a dam across the Malaprabha river near Munolli village of Savadatti Taluk. The Dam & Canal works are completed and FIC works are under progress. Canal details:

Table 2

Canal Length	MRBC	MLBC
Canal	150 Km	142 Km
Number of distributaries	58	60
Kolachi Branch Canal: 64Km		

Lift Irrigation Schemes

10 No.s of foreshore Lift Irrigation Schemes are taken up to provide irrigation facilities to the rehabilitated people along the foreshore of the reservoir.

Amargol LIS and Gobbargumpi LIS

The Amargol Lift Irrigation Scheme has been taken up to irrigate suffering atchkat of the Sub Distributary 17L of D-6 Distributary of Nargund Branch Canal by lifting water from Bennehalla near Amargol village. And the Gobbargumpi Lift Irrigation Scheme has been taken up to irrigate suffering atchkat of the D-6 Distributary of Nargund Branch Canal by lifting water from Tupparihalla, a sub distributary of Bennehalla near Gobbargumpi village. The works are in progress.

Harinala Irrigation Project

Under this project it is proposed to irrigate 3,480 Ha areas of Bailahongal taluk of Belagavi District by constructing a dam across the Harinala River, a tributary of Malaprabha River. The project is completed and the R&R works are also completed.

Kalasa Nala and Bandura Nala Project

These two projects envisage diversion of 7.56 TMC of water to Malaprabha dam by construction of dam across the Kalasa & Bandura nalas. This project is delayed due to objections from the State Government Maharashtra and Goa. Forest clearance for these projects is obtained. Presently, the issue is in the Mahadayi Water Dispute Tribunal and the works will be taken only after the final verdict of the Tribunal.

Bandura Nala Diversion Project

Since, the dam site falls under the reserve forest, the works shall be taken up after the approval of CWC, Forest Department and clearance from Mahadayi Water Dispute Tribunal.

Javalahalla Lift Irrigation Scheme

Under this project it is proposed to irrigate suffering atchkat of 1917Ha of Shirasangi distributary of Nargund Branch Canal of Malaprabha Right bank canal by lifting water from Javalahalla located near Kittur Village, Ramdurg Taluk, Belagavi District. Construction of Bandhara, Intake channel, Jackwell, Delivery chamber, pumphouse and raising main is completed. Fixing of airvalves, construction of thrust blocks is to be taken up. The estimate for the balance works is under preparation.

Bennihalla Lift Irrigation Scheme

It is proposed to irrigate the suffering atchkat of 3,868 Ha under Nargund branch canal by constructing series of weirs at Banahatti, Kuralageri, Surkod, Khanapur and Radder

Naganur. Lift schemes coming under this project are as follows:

- Banahatti:
- Kuralageri,
- Surkod
- Khanapur
- Radder Naganur

All the lift schemes are nearing completion.

Kolachi Lift Irrigation Scheme

It is proposed to irrigate the suffering atchkat of 1538Ha under Kolachi right bank canal by lifting water from Bennehalla in Rona Taluk of Gadag District. The works are nearing completion.

Konnur Lift Irrigation Scheme

It is proposed to irrigate the suffering atchkat of 1578Ha under Nargund Branch canal by lifting 0.39 TMC of water from Malaprabha River in Nargund Taluk of Gadag District. The works are under progress and have been delayed due to Land acquisition problem.

Shiggaon Lift Irrigation Scheme

The scheme is proposed to irrigate 9900Ha by sprinkler and 3600Ha by drip irrigation and tank filling & provide drinking water facility to Shiggaon, Savanur and Hanagal taluks of Haveri district by utilizing 1.5 TMC of water. 9900 Ha area of potential is already created by sprinkler irrigation. The diversion weir works are under progress. Further, preparation of estimate for providing drip irrigation facility for the balance 3600 ha of land is in progress.

Savanur Lift Irrigation Scheme

The lift irrigation scheme is proposed to irrigate 15500 Ha areas in 30 villages of Savanur taluk and also filling of 11 tanks by lifting the 1.5 TMC of water from Varada River near Kalasuru village of Savanur Taluk. Out of 1.5 TMC of water, 1.35 TMC of water is utilized for providing microirrigation, 0.091 TMC for filling of 9 MI Tanks and 0.059 TMC for drinking water. The head works work is entrusted on turnkey basis and the works are in progress.

Upper Tunga Project

Upper Tunga project envisages construction of new dam across Tunga River at 100.00 meter down stream of existing Tunga Anicut near Gajanur in Shimoga Taluk and construction of Upper Tunga Main Canal for a length of 270.00 km. It includes construction of tunnel of 4.00 km length and also distributary network. Under this project it is proposed to irrigate 80,494 Ha areas of Shimoga, Davanagere and Haveri Districts by utilizing 12.24 TMC of water from River Tunga. Dam work is completed in all respect. Canal and distributary network upto km 223.00 is completed and balance works are under progress.

Tunga Lift Irrigation Scheme

It is proposed to lift water from Tunga River near Shivamogga to provide water to Haihole, Barehalla and Goudanakere tanks and to fill 29 tanks in downstream of Goudanakere. The works

are assigned on turnkey basis and works are nearing completion.

Basapura Lift Irrigation Scheme

It is proposed to lift 0.60 TMC of water from River Varada near Basapura village in 2 stages to irrigate 2000 Ha of areas of 13 villages of Hangal Taluk, Haveri District. Stage I works are completed to irrigate 890 ha. Stage-II works entrusted on turn key basis and works are under progress.

Itagi-Sasalwad Lift Irrigation Scheme

It is proposed to lift water from Tungabhadra River near Itagi village, Shirahatti Taluka, Gadag District to irrigate 1983Ha of Khariff & semi dry crops of Shirahatti, Mundargi and Haver Taluk. The project is completed.

Guddadamallapura Lift Irrigation Scheme

It is proposed to lift 1.0 TMC of water from Varada River near Guddada Mallapur Village, Byadagi taluka to irrigate 5261 Ha of areas of Byadagi taluk of Haveri district. The project is completed. FIC works are under progress.

Ubraniamruthapura Lift Irrigation Scheme

It is proposed to fill of 57 Tanks of Tarikere Taluk & 89 Tanks Channagiri Taluk. This project comprises of 2 stages and works under both stages completed & project is commissioned. Filling of additional tanks through pipeline work is in progress.

Sanyasikoppa Lift Irrigation Scheme

It is proposed to construct anicut across Kumudavathi River near Sanyasikoppa village in Shikaripura Taluk, Shimoga District and lift water to irrigate 1791 hectares. The works are entrusted on turnkey basis and works are almost completed.

Dandavathi Project

It is proposed to construct dam across Dandavathi River near Soraba Taluk of Shimoga District to irrigate 3642 Ha areas of Soraba and Shikaripura taluks of Shimoga districts. Further a provision is made to provide drinking water facilities to small village & filling of MI tanks within the command area. The work is awarded and works are to be started.

Tiluvalli Lift Irrigation Scheme

It is proposed to lift 0.26 TMC of water from Varada River to irrigate 1011 Ha areas of Hanagal taluk of Haveri District and rejuvenation of Thiluvalli Doddakere, Siddanahonda, Yethinahalli, Chikkatti and Hiriya tank and canals. Under this scheme 1st stage is completed and 2nd stage is nearing completion.

Modernisation of the Tunga Anicut Project

Administrative approval for the Modernization of Tunga anicut, left and right bank canal is accorded by the Government amounting to Rs. 309.00 crores during June 2012. Clearance from CWC is also received for the project. 1st Phase of work from 0 to 32 km of LBC is under progress & for the balance portion from 32 km to the tail end is under tender process.

Kachavi Lift Irrigation Project

Kachavi LIS is proposed near village Kachavi in Soraba Taluk of Shimoga District by Lifting 0.15 TMC of Water from Varada River to augment scarcity of water in 11 villages by feeding 21 tanks in these villages. The estimates are sanctioned and are under tender process.

Anjanapura/Ambiligola Reservoir Project

Ambiligola Reservoir Project has been constructed at Ambiligola across Kumudvathi River during 1954-65 at the Junction of SallurHalla joining Kumudvathi River. Anjanapura Reservoir Project located in Shikaripura taluk, Shimoga District.

Both projects are completed. Modernization works are under progress.

Huchcharayana Kere

Huchcharayanakere tank located at Shikaripur Taluka, Shivamogga District. Works are completed long back. Construction of Pushakarni, Gardening and Beautification works are completed. Development and modernisation works are being taken up.

Sheelavanthana Koppa Kere

Sheelavanthana koppa tank is constructed across Jambur water stream near Ambarkoppa (Sheela-vantanakoppa) village, Shikaripur Taluka, Shivamogga District. The project is completed long back and presently certain development and modernisation works are being taken up.

Madag-Masur Tank Project

Madag-Masur tank is constructed across Kumudvathi River near Masur village, Hirekerur Taluka, Haveri District. The project is completed long back and presently development and modernisation works are being taken up.

Dharma Project

Dharma Dam is constructed across Dharma River near Yemgalli village, Mundagod Taluka, Uttarakannada District. The project is completed and outlet potential of 7692 Ha has been created. Presently modernization works are under progress.

Bhadra Reservoir Project

Bhadra reservoir is constructed across Bhadra River near Lakkavalli village, Chikkamagalur District. The project is completed and outlet potential of 105570Ha areas of Chikkamagalur, Davangere and Shivamogga Districts has been created. Modernisation of Bhadra Canal System works are taken up and almost completed.

Gondi Anicut (Bhadra) Project

Gondhi Anicut is constructed across river Bhadra, near Gondhi of Shivamogga Dist. The anicut was constructed long back with storage capacity of 0.37 TMC to irrigate an area of 4600 Ha. The modernisation of the whole canal system is taken up under ADB assistance and is under progress. Works are under progress and scheduled to be completed in 2018.

Hodirayanahalla Diversion Scheme

Jambadahalla Reservoir is located near Duglapura village, Tarikere Taluk of Chickmagalur district. It is proposed to irrigate the suffering 1296 ha of area by diverting surplus water from Hodirayanahalla. The works are under progress.

Ranikere Feeder Canal

This project is proposed to take up in two stages. In I stage it is proposed to regularise the water supply for areas already created to an extent of 590 Ha. In II stage it is proposed to create an additional irrigation potential of 3827 Ha. At present modernization and renovation of Ranikere feeder canal are nearing completion.

Bheemasamudra Tank

Bheemasamudra tank is constructed 500 years ago to irrigate 1235Ha.areas of Bheemasamudra village, Chitradurga Taluk and district. In order to increase the storage capacity of this tank it is proposed to construct dam across Bettadanagenahalli and Jogerahalla and through feeder canal it is proposed to fill the tank. The works are completed.

DB. Kere Pick-Up Project

D.B. kere pick-up project is located in the atchkut of Bhadra project. It is constructed across Haridra River and Shyagalli stream near Devarabelakere village of Harihara Taluka of Davanagere District. The project is completed and outlet potential of 4280 Ha of area is created.

Davanagere 22 Tanks (Rajannahalli Lift Irrigation Scheme)

It is proposed to lift water from Tungabhadra River near Rajannahalli village, Harihara Taluka, Davanagere District to fill 22 tanks located in Davanagere, Jagaluru and Harapanahalli Taluka. The works are entrusted on Turnkey basis and have been completed.

Further, the scheme has been extended for filling up tanks of Bharamasagara Dodda kere, Sanna kere and Yemmehatti kere in Chithradurga Taluk and the work are in process.

Construction of Link Canal from Hebbehalla to Madagadakere

Due to scanty rainfall in recent times, the required quantity of water is not being stored in Madagada Tank in Kadur Taluk of Chikamagalur district. In order to augment suffering atchkat of Madagada kere it is proposed to divert the water from Hebbehalla to Madagada Kere. The survey works and preparation of DPR is under progress.

Construction of Bridge across Tunga River near Mattur Hosahalli in Shimoga Taluk

It is proposed to construct bridge across tunga river connecting Mattur & Hosalli village in Shivamogga Taluka. The works are entrusted on turnkey basis, works are almost completed.

Construction of Bridge across Bhadra River near Gondhi in Bhadravathi Taluk

The Government vide. Letter No. WRD 05: MMB 2012 Dt 31.12.2013 has instructed to take up this work through Karnataka Neeravari Nigam. Further on 10.03.2015

Government has instructed to resubmit the proposal to take up this work during 2015-16 depending upon the availability of grant. Action is being taken to take up the work during 2017-18.

Bennithora Project

Bennithora dam is constructed across Bennithora River near Herura Village, Chittapur Taluka, Kalaburgi. It is proposed to irrigate 20234 Ha area of Kalaburgi District. Dam construction works are completed. Government has accorded administrative approval for canal network modernization work and the works are under progress.

Bhima Lift Irrigation Scheme

Barrage is constructed near Sanna village Afzalpur Taluk in Kalaburgi District. It is proposed to irrigate 24,292 Ha area. The project will utilize 6.0 TMC of water and at present the project is nearing completion.

Gandorinala Project

Dam is constructed across River Gandorinala, a tributary to River Bennithora. It is proposed to irrigate 8094 Ha area under this project by utilizing 1.97 TMC of water. Dam, Canal and Distributary works are completed. FIC works are under progress.

Lower Mullamari Project

Dam is constructed across River Mullamari a tributary to River Bhima in Krishna basin. Project is located near Nagara village in Chincholi Taluk of Kalaburgi District. It is proposed to irrigate 9713ha area by using 2.61 TMC of water. Dam, Canal and Distributary works are completed. Works related to strengthening of right bank canals are nearing completion. Survey works for Modernization are under progress.

Amarja Project

Dam is constructed across the River Amarja, a tributary to River Bhima in Krishna Basin, near Sangolgi village in Aland Taluk of Kalaburgi District to store 1.544 TMC of water. It is proposed to irrigate 8903 Ha area of Alanda and Afajalpur Taluka. Works are nearing completion.

Chandrampalli Project

Chandrampalli Project is constructed across Sarnala (Krishna Basin) near Chandrampalli village, Chincholi taluka in Kalaburgi District. Outlet potential of 5223 Ha in chincholi taluka of Kalaburgi District is created. Rejuvenation and modernization works under the assistance of AIBP are in progress.

Hattikuni Tank Project

Hattikuni Tank Project is located on Hattikuni stream near Hattikuni village about 12 Kms, from Yadgir Town. Outlet potential of 2145Ha in Yadgir district is created. Rejuvenation and modernization works under the assistance of AIBP are in progress.

Soudagar Tank Project

Soudagar tank is constructed across Soudaga Nala near

Shamnapur village of Yadgir District. Outlet potential of 1417Ha in Yadgir district is created. Rejuvenation and modernization works are under progress.

Karanja Project

Karanja project is located near Byalahalli village in Bhalki Taluk of Bidar District across River Karanja. It is proposed to irrigate 29,227 ha. of Bhalki, Bidar and Humnabad taluka of Bidar. Works are under progress.

Upper Mullamari Project

Dam is constructed across Mullamari River. Outlet potential of 3279Ha has been created in Humnabad, Basavakalyana, Kalaburgi Talukas of Bidar & Kalaburgi Districts. The project is completed. Estimates for rejuvenation and modernization works are under preparation.

Chulkinala Project

Chulkinala Project is located near Mustapur village in Baswakalyan Taluka of Bidar District with Outlet potential of 4047 ha of Basavakalyana Taluka of Bidar Districts. The project is completed.

Tungabhadra Project

The Tungabhadra Project comprises of Tungabhadra Dam across the river Tungabhadra, a tributary to river Krishna, near Mallapuram in Hospet taluk, Bellary District, with canals on both banks to provide irrigation to an extent of 3,62,938 hectares (Karnataka portion only). This is an interstate (Karnataka-Andrapradesh) multipurpose project. The project is completed and Tungabhadra Left Bank Canal modernization works are under progress.

A part of the modernisation of the Tungabhadra Project Canal system is proposed to be taken up under the Asian Development Bank assisted, Karnataka Integrated & Sustainable Water Resources Management Investment Program (KISWRMIP) Tranche-2. At present the revised DPR of the project is under the review of the CWC and the work is proposed to be taken up during the year 2017-18.

Hirehalla Project

The Hirehalla Project comprises a reservoir across the Hirehalla, a tributary to the river Tungabhadra near Kinnal village of Koppal Taluk of Koppal District, to provide irrigation to an extent of 8330 Ha in Koppal Taluk. The Dam, canal and distributary works are completed. R & R works are under progress.

Singatalur Lift Irrigation Scheme

It is proposed to irrigate 107380 Ha (19,587 Ha of Flow & 87,793 Ha of Drip) of Huvinahadagali, Koppal, Yalaburga, Gadag, Mundargi talukas of Bellary, Koppal & Gadag Districts. Barrage construction works are completed. Length of right bank canal is 40.13Km and is completed. Length of left bank canal is 166.44Km. The proposal for providing drip irrigation for 10088 ha of left bank is under tender stage.

Katharaki LIS

It is located near Katarki village of Manvi Taluka of Raichur District. Under this project it is proposed to irrigate suffering

atchkut of Tungabhadra project. The project is completed.

Bailmarchad LIS

It is located in Bailmarchad village of Manvi Taluka of Raichur District. Under this project it is proposed to irrigate suffering atchkut of Tungabhadra project. The project is completed.

Y Kaggal LIS

It is proposed to lift water from Hagari River to irrigate 2690Ha of Bellary taluk. Due to change in scope of work, the work is stopped. The revised estimates for the balance work is under examination.

Karur Lift Irrigation Scheme

It is proposed to lift water from Doddahalla stream near Karur village. Under this project it is proposed to irrigate suffering atchkut of Tungabhadra project. Works are under progress.

Ola Bellary Lift Irrigation Scheme

Under this project it is proposed to irrigate 2542 ha of suffering atchkut of Tungabhadra project located near Sindhanur taluk of Raichur District. Works are under progress.

Modernization of Vijayanagar Canals

The Vijayanagara Channel system is spread over 3 districts namely Bellary, Raichur and Koppal. Originally, Vijayanagara Channels are the run-of-the river irrigation channels and are historically important project serving the irrigation needs of six taluks (11222 ha). They have been built during Vijayanagara dynasty. The modernisation of the Vijayanagara Channels is proposed to be taken up under ADB assistance. The work is proposed to be tendered during the year 2017-18.

Rajoli Banda Project

Under this project 2380 Ha outlet potential is created from regenerated water from Tungabhadra project. The project is completed and modernization works are proposed to be taken up.

Maskinala Project

Under this project outlet potential 3001ha of 10 villages of Lingasuguru Taluka of Raichur District is created. The project is completed.

Filling Up Of 10 Tanks Huvina Hadagali Taluk From Tunga-Bhadra River

The work of filling up of 10 tanks in Huvina Hadagali constituency was entrusted on turn key basis. The work of 3 jack wells & raising main works are under progress. Further, feeding water through PSC pipes is also under progress.

Alvandi Betageri LIS

Under this project, it is proposed to provide irrigation facility to 5,990 acres of land in the drought prone areas of Koppal taluk and the works are under progress.

Varahi Project

It is proposed to construct Diversion Weir across Varahi River

at Horriabbe near Siddapura Village of Kundapur Taluka of Udupi District to create irrigation potential to an extent of 15,702 Ha. (38,800 acres) in 33 villages in Kundapura Taluk and 35 Villages in Udupi taluks of Udupi District. The works are under progress.

Conclusion

The government of India and state governments are spending crores of rupees for creating irrigation facility through developing major, medium and minor irrigation projects, ever since the launching of the first Five Year Plan in 1950-51. The growth of irrigation under various sources in the Karnataka state, it was found that total gross irrigated from different sources grew at the rate of 13062 hectares in Karnataka state as a whole. Among the Bijapur district significant positive improvement is there in the irrigation development.

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