

Use of pressurized pipe irrigation and micro-irrigation wherever feasible is advised to increase water use efficiency and reduce land acquisition cost. In this regard, the guidelines for planning and design of piped irrigation network have been prepared and circulated in July, 2017.

Completion of irrigation projects in A.P. and Telangana

314. DR. K.V.P. RAMACHANDRA RAO: Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

(a) the progress made in completion of the irrigation projects listed under Point ten in the Eleventh Schedule of A.P. Reorganisation Act in Andhra Pradesh and Telangana;

(b) if so, the details thereof;

(c) why the projects were not completed as per notified plan; and

(d) when would the projects be completed and put to use?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION (SHRI ARJUN RAM MEGHWAL): (a) and (b) Following under construction irrigation projects are listed under Point 10 in the Eleventh Schedule of A.P. Reorganization Act, 2014:

(i) Handri Niva,

(ii) Telugu Ganga,

(iii) Galeru Nagiri,

(iv) Venegonda,

(v) Kalvakurthi, and

(vi) Nettempadu

Out of the above, projects namely Handri Niva, Telugu Ganga, Galeru Nagari and Veligonda are located in Andhra Pradesh while projects namely Kalvakurthi and Nettempadu are located in Telangana. Progress of these projects as reported by the respective State Governments is given below:

(i) **Handri Niva Sujala Sravanthi (HNSS):** This project is planned to provide irrigation facilities to 6.025 lakh acres in the drought prone areas of

RayalaSeema region of Andhra Pradesh. As reported by the Government of Andhra Pradesh, 82% of work has been completed. Main canal work is almost complete and the work on the branch canals and distributor system is under progress. Water was released upto Jeedipali reservoir in Kharif-2015. Water was released upto KM 340.000 of main canal in Kharif-2016 and water was supplied to Gollapalli reservoir. During 2016-17, 37.32 TMC of water was lifted and supplied to 30,000 acres direct ayacut, supplementation of 2,35,000 acres and also feeding minor irrigation tanks. It also provided drinking water *enroute*. During 2017-18, water is supplied to Dharmavaram and Bukkapatnam Tanks also. Total expenditure incurred on the project is ₹9,839 crores. Expenditure incurred during the last three and half years is ₹3,321 crores.

- (ii) **Telugu Ganga Project:** This project is contemplated to irrigate 5.75 lakh acres in RayalaSeema Region and Nellore District of Andhra Pradesh apart from supplying 15 TMC drinking water to Chennai city. As reported by the Government of Andhra Pradesh, 76% work has been completed so far. In 1996, water was released into canal for Chennai city water supply system for the first time and also for the irrigation purpose. So far, 4,28,944 acres irrigation potential has been created. Total expenditure incurred so far is ₹4,644 crores. Expenditure incurred during the last three and half years is ₹512 crores.
- (iii) **Galeru Nagari Sujala Sravanthi (GNSS):** This project is planned to provide water to 2.60 lakh acres ayacut in Kadapa, Chittoor and Nellore Districts of Andhra Pradesh, besides providing drinking water to 5 lakh population. The project is divided into 2 phases. As reported by the Government of Andhra Pradesh, Gandikota Reservoir has been completed and water is stored in the reservoir upto 6 TMC. Water was supplied to save standing crops under Pulivendula branch canal during water year 2016-17. During this year, Gorukallu Balancing Reservoir was filled upto 7.65 TMC as a part of GNSS Phase-I work. 14.39 TMC of water was supplied to Gandikota reservoir through GNSS system. During 2017-18, 7.750 TMC of water is stored in Gandikota reservoir and 3.00 TMC of water is stored in Paidipalem reservoir through GKLI lift Scheme. State Government further reported that in Phase-I, 88% work is completed and in Phase-II, 30% work is completed. Total expenditure incurred so far is ₹ 6,958 crores. Expenditure incurred during the last three and half years is ₹ 1,945 crores.

- (iv) **Veligonda Project:** This project is planned to provide irrigation facilities to 4.473 lakh acres ayacut and drinking water to 15.25 lakh population in drought prone areas of Prakasam, Nellore and Kapada districts of Andhra Pradesh. As reported by the Government of Andhra Pradesh, 71.5% work is completed so far. Total expenditure incurred so far is ₹ 4,492 crores. Expenditure incurred during the last three and half years is ₹ 990 crores.
- (v) **Mahatma Gandhi Kalwakurthy LIS:** As reported by the Government of Telangana, 76.23% work has been completed so far. Out of Target Irrigation Potential 3.65 lakh acres, 1.60 lakh acre has been created by November, 2017. Total expenditure incurred upto November, 2017 was ₹ 3732.4997 crores.
- (vi) **Jawahar-Nettempadu LIS:** As reported by the Government of Telangana, 89.54% work has been completed so far. Out of Target Irrigation Potential 2.00 lakh acres, 1.20 lakh acre has been created by November, 2017. Total expenditure incurred upto November, 2017 was ₹ 2087.6678 crores.

(c) Government of Andhra Pradesh has reported that Handri Niva, Telugu Ganga, Galeru Nagari and Veligonda projects are prioritized and their balance works are in progress. Handri Niva, Telugu Ganga and Galeru Nagari are partially functional also. Government of Telangana has reported that their projects have been delayed due to the following reasons:

- (i) Delay in land acquisition.
- (ii) Delay in getting approvals from Forest Department.
- (iii) Delay due to Rehabilitation and Resettlement (R&R)
- (iv) Delay in approvals from Railway Department for railway crossings and delay in construction of bridges at crossings by Railway Department.

(d) As reported by Andhra Pradesh Government, Handri Niva and Telugu Ganga are scheduled to be completed by June, 2018 and Galeru Nagari and Veligonda projects are planned to be completed by December, 2018. As reported by Telangana State Government, Kalwakurthy LIS and Nettempadu LIS are planned to be completed by Kharif-2018.

Financial irregularities in relief to Polavaram affected people

315. SHRI V. VIJAYASAI REDDY: Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

- (a) whether the Ministry is aware that financial irregularities worth crores of rupees have taken place in relief being provided to Polavaram affected people;