

Minutes of the 11th Meeting of the Sub-Committee on “System Studies for Identification of Most Appropriate Alternative Plan” held on 26.02.2018 at 3:00 P.M in the Committee Room, NWDA, Palika Bhawan, New Delhi

The Eleventh meeting of the "Sub-Committee on System Studies for Identification of Most Appropriate Alternative Plan" was held on 26.02.2018(Monday) at 3:00 P.M at New Delhi under the Chairmanship of Prof. P.B.S. Sarma, (Retd.) Chairman of Sub-Committee. The list of Members and other participants who attended the meeting is placed at Annex-I.

At the outset, Prof. P.B.S. Sarma welcomed all the Members, Invitees and other participants and requested Shri K. P. Gupta, Member Secretary to take up the agenda items for discussion.

Item 11.1: Confirmation of the Minutes of 10th Meeting of the Sub-Committee on System Studies for identification of most appropriate alternative Plan held on 03.03.2017.

The Member Secretary informed that the Minutes of the 10th meeting were circulated to all the Members vide letter dated 20.03.2017. As no comments have been received from any of the Members, the Minutes of 10th meeting of the Sub-Committee were confirmed as circulated.

Item 11.2: Hydrological Studies and Multi-reservoir Simulation of the proposed Mahanadi-Godavari Link

The Member Secretary informed that NIH, Roorkee has finalized the report on Hydrological Studies and multi-reservoir simulation of the proposed Mahanadi-Godavari link duly including the modifications suggested by the Sub-Committee and submitted to NWDA in April 2017. A copy of this report was sent to Govt. of Odisha. The Govt. of Odisha has submitted the observations on the report which are under examination by NWDA. It was further informed that this report was also discussed by the Task Force for Interlinking of Rivers in its Eighth Meeting held on 15th September, 2017 and by Special Committee for Interlinking of Rivers in its 13th meeting held on 27th July, 2017.

Prof. Kamta Prasad desired to know the compliance by NIH on the suggestion made by the Sub-Committee in 10th meeting held on 3rd March, 2017. He also wants to know the comments/observations of Government of Odisha on the NIH report and the reply/response of NWDA. After discussion it was decided

that the NWDA may prepare the statement indicating the suggestions made by Sub-Committee on NIH report during its 10th meeting and compliance by NIH while finalizing the report. Another statement may also be prepared by NWDA indicating the comments/observations of Odisha Government on the report of NIH and response/reply of NWDA. Both these statements may be circulated to the Members of the Sub-Committee to facilitate the discussion during the next meeting of the Sub-Committee. Shri R.K.Jain, Chief Engineer (HQ), NWDA assured the Sub-Committee to complete the scrutiny of the observations/comments of Odisha Government on NIH report and circulate the two statements within 2-3 weeks in time for the next meeting of the Sub-Committee.

Item 11.3: Preparation of DPR of Godavari -Cauvery (Grand Anicut) link project

Shri K.P.Gupta, Member Secretary made a Power Point Presentation on Godavari- Cauvery link. He informed that due to non finalization of surplus water in Mahanadi basin and non-implementation of proposed Inchampalli dam across Godavari river, the Mahanadi –Godavari link and further linking to Krishna, Pennar, Cauvery, Vaigai and Gundar basin could not be materialized. Pending consensus on surplus water of Mahanadi and implementation of Inchampalli dam, alternating studies have been carried out to divert surplus waters of Indravati sub-basin of Godavari basin to Cauvery basin through (i) Godavari (Akinempalli) – Krishna (Nagarjunasagar) link, (ii) Krishna (Nagarjunasagar) – Pennar (Somasila) link, and (iii) Pennar (Somasila) –Cauvery (Grand Anicut) link. A technical Pre feasibility note in this regard and a draft MoA for preparation of DPR of this alternative proposal has been sent to concerned States for concurrence. It was further informed that after receiving the concurrence from the concerned States, the work for preparation of DPR of this alternative proposal will be taken up by NWDA.

Shri Sriram Vedire, Member suggested that instead of Akinempalli barrage the Godavari water can be transferred through a low height dam (submergence restricted to river banks) at Inchampalli. He mentioned that from Inchampalli water can be transferred by Gravity to existing Nagarjunasagar tail Pond dam and can be lifted to Nagarjunasagar dam using existing arrangements of reversible turbines installed at tail Pond. This will cover more areas at higher elevation in Telangana State en-route of link canal. As this proposal will have submergence areas only in river banks and more areas of Telangana at higher elevation will be covered by the projects, the Telangana States may agree for the project.

Sh. Vedire requested NWDA to provide a map of Godavari-Krishna link projects indicating the command areas of link canals and also all existing, ongoing and future water resources projects. After elaborate discussions the Chairman of the Sub-Committee requested NWDA to explore the possibility of linking Godavari Krishna through low height Inchampalli dam as suggested by Shri Sriram Vedire and also assess the quantum of water that can ultimately be transferred to river Krishna after meeting the en-route utilization. Shri R.K.Jain, CE (HQ), NWDA agreed to examine this suggestion.

Prof. Kamta Prasad, Member suggested that for the sake of better understanding of the project, NWDA may arrange a visit of the Sub-Committee to the project area of Godavari- Cauvery link covering likely submergence area and command areas.

11.4 Any other items:-

- (i) Chairman stated that Dr. D.K. Srivastava, Member of the Sub- Committee has so far not participated in any of the meetings of Sub- Committee since its constitution. The Sub-Committee in 10th meeting has already suggested to replace him with Dr. S. Mohan, Professor, Department of Civil Engineering, IIT Madras. He requested Shri K. P. Gupta, Member Secretary to take necessary action in this regard.
- (ii) Chairman requested NWDA to take necessary action for extension of tenure of the Sub-Committee beyond Feb.12, 2018.

The Meeting ended with vote of thanks to the chair.

Annex-I**List of Members, Special Invitees and other participants of the Eleventh Meeting of the “Sub-Committee on System Studies for identification of most appropriate alternative plan” held on 26.02.2018, New Delhi.**

1.	Prof. P.B.S. Sarma,(Retd.), CED, IIT Delhi, New Delhi	In Chair
2.	Prof. Kamta Prasad, Chairman, IRMED, New Delhi	Member
3.	Shri Sriram Vedire, Advisor, Ministry of WR, RD & GR, New Delhi	Member
4.	Shri K. P. Gupta, Director Tech., NWDA, New Delhi	Member-Secretary
Special Invitees		
5.	Shri R. K. Jain, Chief Engineer (HQ), NWDA, New Delhi	
6.	Shri AfrozAlam Superintending Engineer, NWDA, New Delhi	
Other Officers from NWDA		
7.	Shri Anil Kumar Jain, Deputy Director(SCILR), New Delhi	
8.	Shri N. P. Sahu, Assistant Director, New Delhi	
9.	Shri R. K. Agrawal, Consultant, New Delhi	
10.	Shri S. L. Jain, Consultant, New Delhi	