

Minutes of the Fifth meeting of the Special Committee for Interlinking of Rivers held under the Chairmanship of Prof. Sanwar Lal Jat, Hon'ble Minister of State for Water Resources, River Development and Ganga Rejuvenation on 13.07.2015 at Vigyan Bhawan, New Delhi.

The fifth meeting of the Special Committee for Interlinking of Rivers chaired by Prof. Sanwar Lal Jat, Hon'ble Union Minister of State for Water Resources, River Development and Ganga Rejuvenation was held on 13.07.2015 at 11.00 hours at Vigyan Bhawan, New Delhi. Shri O. Panneerselvam, Hon'ble Minister, Finance & Public Works, Government of Tamil Nadu; Shri Babubhai Bukhriya, Hon'ble Minister of Water Resources, Government of Gujarat; Shri Ram Pratap, Hon'ble Minister of Water Resources, Government of Rajasthan; Shri Chandra Prakash Chaudhary, Hon'ble Minister of Water Resources, Government of Jharkhand; Shri Surendra Singh Patel, Hon'ble Minister of State for Irrigation, Government of Uttar Pradesh; Shri Vijay Shivtare, Hon'ble Minister of State for Water Resources, Government of Maharashtra; Shri R. Vidyasagar Rao, Advisor, Government of Telangana; and members/representative from various Central Government and State Government organizations attended the meeting. The list of Members and participants who attended the meeting is placed at Annex-I.

At the outset Hon'ble Minister of State for Water Resources, River Development and Ganga Rejuvenation extended a warm welcome to the members and participants of the Special Committee meeting. He mentioned that Interlinking of Rivers Programme was of national importance and its mission was to ensure greater equity in the distribution of water by enhancing the availability of water in drought prone and rainfed area. Besides assuring such areas of water security, this programme will go a long way in enhancing water and food security of the country. The Hon'ble Minister mentioned that States with sufficient water resources should appreciate this national need with a spirit of goodwill and co-operation and extend a helping hand to the needy areas. The Hon'ble Minister mentioned that the work for preparation of Detailed Project Report of Par-Tapi-Narmada link project was in concluding stage and the DPR was expected to be completed by July, 2015. After completion of DPR of Par-Tapi-Narmada link project the issue of water sharing between Gujarat and Maharashtra in respect of Damanganga-Pinjal and Par-TapiNarmada link projects will be addressed.

The Hon'ble Minister informed about an important decision regarding the appraisal of interlinking projects whereby CWC henceforth would simultaneously convey the comments to NWDA alongwith the State Governments. NWDA will directly submit the compliance of comments to CWC. The simplified procedure will expedite the appraisal of link projects. The Hon'ble Minister further informed that the senior officials of his Ministry had made a

presentation before Hon'ble Chief Minister of Odisha on alternative proposal of Mahanadi-Godavari Link Project on 29.5.2015 at Bhubaneswar and a positive response of the State Government was expected on the proposal soon. He mentioned that seventeen Hon'ble Members of Parliament from Odisha had expressed their support for the present proposal of Mahanadi-Godavari Link Project. The Hon'ble Minister mentioned that the investigation and preparation of DPR of Sapt Kosi Project in Nepal was being expedited. The Sapt Kosi dam will facilitate the Kosi - Ghagra link, which apart from irrigation will provide huge flood control benefits specially in Bihar. The Hon'ble Minister further mentioned that the planning of an important link viz; Manas - Sankosh - Teesta - Ganga in consultation with the Governments of Assam, West Bengal and Bihar would be taken up soon. This link project will not only provide large irrigation and water supply benefits to Assam, West Bengal and Bihar, but will also make available large quantum of water for transfer subsequently to Southern States. The Hon'ble Minister observed that the Task Force for Interlinking of Rivers constituted by the Ministry of Water Resources, RD & GR had already started functioning which would help in bringing speedy consensus amongst the States on the link projects. He solicited cooperation and assistance of all members specially the concerned State Governments for the successful implementation of the ILR programme.

Tamil Nadu

Shri O. Panneerselvam, Hon'ble Minister, Finance & Public Works, Government of Tamil Nadu urged that the Peninsular grid of Mahanadi – Godavari – Krishna – Pennar – Cauvery – Vaigai – Gundar link system should be given the highest priority and implemented speedily. While doing so, he observed that the existing Inter-State agreements should not be disturbed and the aim should be to increase the availability of water to deficit states like Tamil Nadu. He stressed that the Pamba – Achankovil – Vaippar link project envisaging diversion of about 22 TMC of water of Pamba and Achankovil rivers to Vaippar basin for which the Feasibility Report has already been completed by NWDA, be implemented expeditiously. He mentioned that Government of Tamil Nadu had planned to implement the intra-state links like Ponnaiyar (Sathanur dam) – Palar link, Ponnaiyar(Nedungal Anicut) – Palar link, Cauvery – Sarabanga link, Athikadavu – Avinashi Flood canal scheme and Tamirabarani – Karumeniar – Nambiyar link. The Hon'ble Minister mentioned that the above projects were earlier posed for seeking financial assistance from the Government of India. However, these were not considered favourably. He requested that the projects may be considered again by the Government of India for financial assistance.

Gujarat

Shri Babubhai Bukhiriya, Hon'ble Minister of Water Resources, Government of Gujarat mentioned that Interlinking of Rivers Programme concerning to Gujarat had four links, namely (i) Damanganga-Pinjal (ii) Par-Tapi-Narmada (iii) Damanganga-Sabarmati-Chorwad and (iv) Rajasthan-Sabarmati. He mentioned that Damanganga-Pinjal Link Project was mainly for

Maharashtra and the Government of Gujarat had given their views on the DPR of this project to NWDA. Par-TapiNarmada link benefits Gujarat. He mentioned that since last 25 years Gujarat was using about 5200 MCM of water at Ukai dam as per its basic requirement and as per NWDA study the water deficit at Ukai was assessed to be 5319 MCM. He, therefore stated that the demand of water by Maharashtra from Tapi basin in lieu of water proposed to be given to Par-Tapi-Narmada, was not considered to be acceptable. Hon'ble Minister requested for completing the DPR of Par-TapiNarmada link at the earliest so that an MoU regarding the sharing of water between Maharashtra and Gujarat could be finalised soon. He also stressed the need of completing the DPR of Damanganga-Sabarmati-Chorwad intra state link which was highly beneficial to water deficit area of Saurashtra region. Hon'ble Minister also urged to complete the Feasibility Report of Rajasthan-Sabarmati link which would benefit drought prone areas of North Gujarat. Hon'ble Minister suggested for the creation of a single window system for environment and forest clearance, land acquisition process and clearance from Railways and National Highway Authority of India. He requested the Government of India to provide funds for implementing these schemes.

Rajasthan

Shri Ram Pratap, Hon'ble Minister of Water Resources, Government of Rajasthan mentioned that the Sardar-Yamuna, Yamuna-Rajasthan and Rajasthan-Sabarmati links depended on water of Sardar river. He observed that the survey and investigation work of Sardar-Yamuna link could not be completed in Nepal portion due to international dimension, therefore the Feasibility Reports of these links could not be finalised. He urged to expedite the permission required for carrying out survey and investigation in Nepal. He requested that the draft Feasibility Report prepared by NWDA for the above mentioned links in Indian portion should be made available to Government of Rajasthan.

He mentioned that Government of Rajasthan had prepared four proposals of Intra-State links and submitted to Central Water Commission with a request to declare these projects as national projects. These are namely; (i) Interlinking of Parbati and Kalisindh rivers of Chambal basin with Banas, Gambhir and Parbati rivers upto Dholpur. (ii) Brahmini river (Chambal basin) to link Banas basin upto Bisalpur. (iii) Sabarmati basin surplus water to be diverted to fill Jawai dam and (iv) Sabarmati basin (Devas point) surplus water to be diverted to fill Rajsamand dam.

He requested the Government of India to provide adequate funds for the preparation of DPR of these intra-state Link Projects. He observed that Rajasthan was a drought affected State and requested to relax the norms of Benefit Cost (B.C.) ratio criteria for considering water resources projects in the drought prone State as economically viable.

Jharkhand

Shri Chandra Prakash Chaudhary, Hon'ble Minister of Water Resources, Government of Jharkhand mentioned that there was an increasing demand of water in Subarnarekha basin due to rapid industrialisation. He further mentioned that for increasing the water availability for drinking purpose and meeting the industrial water requirement, Government of Jharkhand had proposed three Intra-State links viz; Barkar-Damodar-Subarnrekha, Sankh-Southkoel and Southkoel-Subarnarekha. NWDA has already prepared the Prefeasibility Report (PFR) of these links. He stated that the DPR of Barkar-Damodar-Subarnrekha links had already been taken up for preparation by NWDA. While for other two links Odisha had some reservations. He observed that the Government of India had constituted a Group consisting of representatives of Jharkhand and Odisha alongwith CWC and NWDA for resolving the interstate issues pertaining to these links. He requested for early meeting of this Group so that the work of DPR of these two links could be taken up subsequently. Hon'ble Minister further requested to declare these projects as national projects so that adequate funds were available for their implementation. He also requested to fix a time frame for implementation of these schemes.

Uttar Pradesh

Shri Surendra Singh Patel, Hon'ble Minister of State for Irrigation, Government of Uttar Pradesh mentioned that his State had identified 1441 ha of land out of 2629 ha for afforestation for Ken-Betwa Link Project and the process of identifying remaining land was in progress. He mentioned that the Government of Uttar Pradesh would extend the required help for the implementation of Ken-Betwa link project on priority so that the benefits of the project could reach to all the stakeholders. He requested to expedite the Kosi-Ghaghara, Gandak-Ganga and Sardar-Yamuna link project

Maharashtra

Shri Vijay Shivtare, Hon'ble Minister of State for Water Resources, Government of Maharashtra mentioned that some modifications in the minutes of fourth meeting of Special Committee was required as intimated by his Department. He mentioned that Damanganga – Pinjal link project had been planned considering 100% water availability at proposed Bhugad and Khargihill dam sites and requested to consider the planning at 75% dependability. He urged that the surplus water for diversion through Nar-Par-Tapi link (i.e. Par-Tapi-Narmada Link) may be reassessed. He observed that unless the water in Tapi basin in upper reaches of Maharashtra portion which is deficit in water resources is compensated State Government would not agree for transfer of Maharashtra water to Par-TapiNarmada link project. He requested that NWDA should undertake the DPR of Koyna – Mumbai city intra-state link project which may be considered as a national project.

Telangana

Shri R. Vidyasagar Rao, Advisor to Government of Telangana stated that while reiterating the views of his State Government he would request that studies to establish the water balance at various diversion points in Godavari and Krishna basins be conducted again considering all the projects planned by his State. He observed that there was no surplus water available in Godavari basin at 75% dependability, for transfer to other basin considering the existing, ongoing and proposed projects in his State. He requested that the criteria restricting the lifting of water upto 120 m in the planning of ILR Projects may be reviewed as the water in Godavari basin was available in lower areas while need was in upper areas

Thereafter, with the permission of the Chair, Director General, NWDA, and Member Secretary took up the agenda items for discussion.

Item 5.1: Confirmation of Minutes of 4th Meeting of Special Committee for Interlinking of Rivers held on 14th May, 2015

Director General, NWDA informed that the minutes of fourth meeting of the Special Committee for Interlinking of Rivers were circulated vide letter dated 16.6.2015. Government of Maharashtra vide letter dated 2.7.2015 had sent their comments and suggested to add the following under item 4.7: "Present status of Damanganga – Pinjal and Par – Tapi – Narmada Link Project" of the minutes.

"The Hon'ble Minister of State for Water Resources, Government of Maharashtra requested that the Damanganga – Pinjal Link Project shall be declared as National Project. He further added that as far as Par-Tapi-Narmada Link is concerned in addition to diversion of water in top 200 m portion possibility of diversion of more water below that level through tunnel leading to water deficit Tapi / Godavari basins of Maharashtra should also be studied by NWDA. The Hon'ble Minister also stressed the need of undertaking Koyna – Mumbai city (Koyna Tail race water – Mumbai city) Intra State Link Project as a National Project by appropriately adding new parameters for declaration of a project as a National Project. He mentioned that parameters like water supply to a metropolitan city like Mumbai and projects encompassing mega-recharge of groundwater should also be considered in addition to the present parameter of CCA more than 2 lakh hectares of a project to be termed as a National Project. He requested the State of Telangana to decrease the FRL of Pranhita – Chevella Project by 4.0 meters i.e. from RL 152.00 m to RL 148.00 m so that about 2100 hectares of land form 30 villages in Chandrapur and Gadchiroli districts of Maharashtra can be saved from going in the submergence. The Special Representative, Govt. of Telangana agreed to study this issue and assured the Govt. of Telangana would ensure to keep the submergence as minimum as possible".

No other comments on the minutes had been received from any other members of the Committee.

The minutes of the meeting with the inclusion of above comments from Government of Maharashtra were confirmed by the Committee.

Item No.5.2: Follow up action on the decisions taken during last meeting.

Director General, NWDA informed that during the 4th meeting of Special Committee for Interlinking of Rivers, Hon'ble Minister of Water Resources, Govt. of Bihar requested for expediting the appraisal of Burhi Gandak-non-Baya-Ganga and Kosi-Mechi intrastate link projects. A meeting chaired by Member (WP&P), CWC was held on 4.6.2015 in which Principal Secretary, WRD, Government of Bihar, DG, NWDA and concerned officers from CWC and NWDA participated. All issues related to the appraisal of the two projects were discussed and resolved. It was decided in the above meeting that CWC would directly convey its comments on DPR of link projects to NWDA simultaneously with State Government. NWDA will directly submit the compliance of comments to CWC thereby shortening the process and expediting the appraisal. State Government will provide information whenever required.

(ii) During the fourth meeting of the Special Committee for Interlinking of Rivers the Hon'ble Minister (WR, RD&GR) and Chairperson of the Special Committee for Interlinking of Rivers was authorised to take suitable decision with regard to requirement of the Task Force for ILR for ensuring its effective, smooth and speedy functioning. As a follow up a proposal regarding the empowerment with respect to financial and administrative matters of the Task Force, secretarial assistance etc. has been approved by Hon'ble Union Minister (WR, RD&GR). Further details/orders are being processed in the Ministry.

Item No.5.3: Extension of tenure of Sub-Committee I & II constituted by the Special Committee for Interlinking of Rivers

Director General, NWDA informed that as per the decision taken during the first meeting of the Special Committee held on 17.10.2014, the MoWR, RD&GR vide OM dated 13th February, 2015 had notified the constitution of three SubCommittees i.e. (i) Sub-Committee for Comprehensive evaluation of various studies/reports available on the issue of ILR (Sub-Committee-I); (ii) Sub-Committee for system studies for identification of most appropriate alternative plan (SubCommittee-II) and Sub-Committee for restructuring of NWDA. The terms of reference of the Sub-Committee I & II are quite wide ranging. Three meetings of both the Sub-Committees have been held. The tenure of these Sub-Committees would expire by 12th August 2015. However, as the required consultants could not be engaged, a large amount of work remained to be done by both the Sub-Committees and needed time extension. The Chairman of these Sub-Committees had also expressed the need for further extension of time in this regard.

Considering the need of the remaining work to be carried out by the SubCommittee I & II, Special Committee approved the proposal to extend the tenure of these Sub-Committees for another six months i.e. upto 12th February 2016.

Item No.5.4: Proposal to make Chairman, Task Force for Interlinking of Rivers as a Special invitee in the Special Committee.

Director General, NWDA informed that the Task Force for Interlinking of Rivers has been entrusted with the work of assisting the Special Committee in implementation of Interlinking of Rivers Programme. In order to have a proper interaction of the Task Force with the Special Committee as per the agenda, it was proposed that Chairman, Task Force for ILR be made a special invitee to the Special Committee meetings. Shri B.N. Navalawala, Chief Advisor, MoWR, RD&GR and Chairman, Task Force, however proposed that Chairman, Task Force be made a permanent invitee to the meetings of the Special Committee. The proposal of Shri Navalawala was considered and accepted by the Committee. Thus, it was decided that the Chairman, Task Force for ILR would be a permanent invitee in the Special Committee.

Item No.5.5: Ken-Betwa link project Phase -I – Status of various statutory clearances

Item No. 5.5.1: Environment Clearance

Director General, NWDA informed that Madhya Pradesh State Pollution Control Board (MPPCB) had conducted the Public Hearing in the project area during December, 2014 and submitted the detailed proceedings document of Public Hearing to the Union Ministry of Environment & Forests and CC vide its letter dated 31.3.2015. Director General, NWDA mentioned that the draft of revised EIA study report of Phase-I project incorporating the changes due to latest notifications, observations of public hearing and other details had been completed and was under scrutiny in NWDA. The revised EIA report will be submitted soon to MoEF & CC for further action.

The details as given in the Agenda Notes were noted by the Committee.

Item No.5.5.2: Wildlife Clearanc

Director General, NWDA informed that as desired by Wildlife Department, Government of Madhya Pradesh a revised application in respect of Wildlife Clearance had been submitted by NWDA to Director and CCF, Panna Tiger Reserve, Panna on 20.02.2015. This application has been forwarded by Director & CCF Panna to PCCF, Wildlife Bhopal during the 1st week of April, 2015. PCCF, Wildlife, Bhopal will be placing the wildlife clearance proposal before the State Wildlife Board headed by Hon'ble Chief Minister, Madhya Pradesh, in its next meeting which is likely to be held during July, 2015.

The information as given in the Agenda Notes were noted by the Committee.

Item No. 5.5.3: Forest Land Diversion Clearance

Director General, NWDA informed that the comments of MoEF & CC on online application of forest land diversion clearance has been complied except the approval of

Catchment Area Treatment (CAT) Plan and Forest Rights Act (FRA) clearance. After detailed discussion with the CCF, Chhatarpur, the CAT Plan has been revised. Further, the division-wise and compartment-wise maps of catchment area as suggested by CCF, Chhatarpur are under finalization. The proposal of Ken – Betwa link project has been discussed by each concerned Gram Sabha in the project area and passed. The FRA Certificate to be issued by the Collector are expected soon. The representative of Government of Madhya Pradesh mentioned that the design of structures and other aspect related to the execution of the project be taken up simultaneously by NWDA. Director General, NWDA clarified that the designs of structures had already been done and the concerned details/drawings were given in the DPR. Shri Maharaj K. Pandit, member requested that an executive summary of revised EIA Report of the project could be provided to him. Director General, NWDA mentioned that the same would be furnished to him.

Item No.5.6: Present status of DPR of Ken-Betwa Link Project Phase – II.

Director General, NWDA mentioned that application for forest clearance of Lower Orr dam under Ken–Betwa Link Project Phase–II had been submitted online to MoEF&CC on 02.10.2014. Approval of CAT plan from CCF, Shivpuri and Ashok Nagar, MP has been received and uploaded on website of MoEF&CC. After completion of EIA Report public hearing in respect of Lower Orr dam will be conducted through Madhya Pradesh Pollution Control Board.

The details as given in the Agenda Notes were noted by the Committee.

Item No.5.7: Present status of Detailed Project Report (DPR) of Damanganga – Pinjal and Par-Tapi-Narmada link projects.

Director General, NWDA informed that the DPR of Damanganga – Pinjal link project had been completed by NWDA during March, 2014 and submitted to Government of Maharashtra and Gujarat States in April, 2014. The Municipal Corporation of Greater Mumbai (MCGM) has submitted the DPR of DamangangaPinjal link project to CWC during January, 2015 for appraisal. The report is under appraisal by CWC. The Hon’ble Union Minister (WR, RD&GR) held a meeting with Hon’ble Chief Minister of Maharashtra at Mumbai on 7th January, 2015 to expedite the further course of action.

The work for preparation of DPR of Par-Tapi-Narmada link project is in final stages and the DPR of this link project is expected to be completed by July 2015. Director General, NWDA mentioned that the issue of water sharing between Gujarat and Maharashtra of Damanganga–Pinjal and Par Tapi–Narmada link project would be addressed after the completion of Detailed Project Report of Par–Tapi–Narmada Link Project and a fresh Memorandum of Understanding (MoU) on water sharing is proposed to be signed in this regard.

Item No. 5.8: Revised proposal of Mahanadi – Godavari link Project

- (i) Background and earlier proposal

Director General, NWDA mentioned that NWDA had earlier prepared the Feasibility Report of Mahanadi-Godavari Link offtaking from the proposed Manibhadra dam on river Mahanadi in Odisha subsequently joining Godavari river at 15 Km upstream of the existing Dowlaiswaram barrage in Andhra Pradesh. The proposed dam was having a submergence of about 59400 ha. in Odisha based on Government of Odisha surveys. However, the Government of Odisha did not agree to this proposal as the Manibhadra dam involved large submergence. The matter of Mahanadi- Godavari link has been discussed with Govt. of Odisha from time to time. During the discussions in January 2015, WRD, Odisha made some suggestions in this regard and consequently NWDA prepared a revised proposal of MahanadiGodavari link with minimum submergence and comparable benefits.

(ii) Revised Proposal and projected benefits

The revised proposal envisages a dam at Barmul 14 km. upstream of Manibhadra site on river Mahanadi. The Barmul dam with FRL 80m will have a gross storage of 1216 MCM and water utilisation of 9182 MCM. Out of which after meeting the enroute needs 4046 MCM water will be transferred to Godavari basin. The Mahanadi-Godavari link will originate from Barmul dam with the link canal of 842 km length. Six dam projects at Salki and Ong in Ong sub-basin and Uttei Roul Integrated Project, Khadago, Udanti and Tel Integrated Project in Tel sub-basin in Mahanadi basin are proposed to be included in the Mahanadi – Godavari Flood moderation scheme. The six dam projects will utilise 1162 MCM of water within Odisha State. The submergence from Barmul dam will be 13768 ha. and from six dam projects will be 10222 ha., thus making it a total of about 23990 ha. The Project is proposed to provide irrigation to the tune of 3.21 lakh ha. in Odisha through link canal and 1.82 lakh ha. through six dam projects. Thus total irrigation in Odisha shall be 5.03 lakh ha. It is proposed to provide 125 MCM water for drinking water supply. The six dam projects have a potential of 240 MW of hydro power. The revised proposal is preliminary based on Remote Sensing/GIS studies and will be firmed up by detailed studies.

Present Status

It was mentioned that a team of Additional Secretary, (MoWR, RD&GR) Chairman, Central Water Commission and Director General, NWDA made a presentation of the above proposal before the Hon'ble Chief Minister of Odisha on 29.5.2015. Government of Odisha is examining the proposal and is expected to convey its response for taking up detailed studies in due course of time.

The representative of Odisha mentioned that the proposal presented before the Hon'ble Chief Minister, Odisha was preliminary and lacked sufficient details. He observed that a more detailed proposal was required for the Government of Odisha to respond. He also mentioned that WRD, Odisha had also not agreed to the water balance studies of Mahanadi basin carried out by NWDA. He observed that there was no surplus water in Mahanadi basin by 2050 AD as per their assessment. Director General, NWDA mentioned that as per the water balance study of NWDA, Mahanadi basin was water surplus by about 21000 MCM at 75% dependability considering the ultimate requirement by 2050 AD. He further mentioned that detailed discussion regarding the water balance studies of Mahanadi had been done with WRD, Odisha for more than a decade. NWDA would again discuss the issue with WRD, Odisha so as to arrive at a satisfactory conclusion.

Representative of Andhra Pradesh mentioned that the water in Godavari basin was not surplus and was just sufficient for the in-basin requirement.

Representative of Tamil Nadu mentioned that the present proposal/study prepared by NWDA should be shared with the Government of Tamil Nadu. He inquired about the quantity of water proposed to be delivered to Godavari basin. Director General, NWDA mentioned that the details of the proposal were preliminary and there would be a better clarity once the report is firmed up with further studies. Director General mentioned that the water diversion to Godavari and further South not only depended on this link but on the proposed Manas-Sankosh-Teesta-Ganga link which was expected to provide large diversion to these areas.

Shri Maharaj K. Pandit, member observed that the adequate quantum of uninterrupted flow to sea should be ensured to maintain the fish life in the river. He desired that some feasibility study need to be done in this regard.

Representative of Assam observed that the information on other links such as Manas – Sankosh – Teesta – Ganga (MSTG) link had not been reflected in the

Agenda Notes. Director General, NWDA clarified that NWDA was preparing the Feasibility Report of MSTG link which would be presented to the Committee on its completion. The details and status of all links had been given in previous meetings, a copy of which would be provided to him.

Representative of Government of Rajasthan desired that copies of draft FR of Sarda–Yamuna, Yamuna–Rajasthan link project be provided to them. The representative of Uttar Pradesh and Haryana also desired the copies of these FRs. Director General, NWDA stated that the desired draft FRs would be furnished to Government of Rajasthan, Uttar Pradesh and Haryana.

Item No.5.9: Any other item with the permission of the Chair.

The representative of Government of Rajasthan mentioned that considering the State to be drought prone and having large area under desert, the criteria for the Benefit Cost (B.C) Ratio for intra-state link projects should be reviewed and relaxed so that their project proposals could be approved and implemented. The representative of Government of Gujarat also pleaded on the similar line and requested for the relaxation of the B.C. Ratio criteria in respect of the intra-state link projects of their State which is covered by a large drought prone area.

Hon'ble Minister of State for Water Resources, RD & GR in his concluding remarks mentioned that all the issues raised by the State Governments would be duly considered. He mentioned that the Interlinking of Rivers Programme was for the benefit of the people at large and lot of job opportunities would be created by implementing the ILR programme. He observed that we should all work together for the implementation of the ILR projects.

The meeting ended with a vote of thanks to the Chair.

Annex-I

List of Members, Special Invitees and participants of 5th Meeting of the Special Committee for Interlinking of Rivers held on 13.7.2015 at New Delhi.

1. Prof. Sanwar Lal Jat, In Chair
Hon'ble Minister of State (WR, RD & GR)
Govt. of India, New Delhi
2. Dr. Ram Pratap, Member
Hon'ble Minister,
Water Resources Department,
Govt. of Rajasthan, Jaipur
3. Shri Babubhai Bokhiria, Member
Hon'ble Minister, Water Resources Department,
Govt. of Gujarat, Ahmedabad
4. Shri Chandra Prakash Chaudhary, Member
Hon'ble Minister,
Water Resources Department,
Govt. of Jharkhand, Ranchi
5. Shri O. Panneerselvam, Member
Hon'ble Minister,
Finance & Public Works Department,
Govt. of Tamil Nadu, Chennai
6. Shri Vijay Shivtare, Member
Hon'ble Minister of State,
Water Resources Department,
Govt. of Maharashtra, Mumbai
7. Shri Surendra Singh Patel, Member
Hon'ble Minister of State,
Irrigation Department,
Govt. of Uttar Pradesh, Lucknow
8. Shri R. Vidyasagar Rao, Representing Hon'ble Minister of
Advisor (Cabinet Rank) Irrigation, Telangana
Govt. of Telangana, Hyderabad
9. Shri Shashi Shekhar, Member
Secretary, MoWR, RD & GR, Govt. of India, New Delhi

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| 10. Shri Anand Bardhan,
Secretary, Irrigation Department,
Govt. of Uttarakhand, Dehradun | Representing Chief Secretary,
Govt. of Uttarakhand |
| 11. Dr. V. Candavelou
Secretary (Public Works),
Govt. of Puducherry, Puducherry | Member |
| 12. Shri T. Venkatesh Principal
Secretary, Irrigation Department,
Govt. of Uttar Pradesh, Lucknow | Member |
| 13. Shri N. S. Palaniappan,
Principal Secretary,
Public Works Department,
Government of Tamil Nadu, Chennai | Representing Chief Secretary,
Govt. of Tamil Nadu |
| 14. Shri Dipak Kumar Singh,
Secretary, Water Resources Department,
Govt. of Bihar, Patna | Member |
| 15. Shri Aditya Nath Das,
Principal Secretary,
Water Resources Department,
Govt. of Andhra Pradesh, Hyderabad | Member |
| 16. Shri Sukhdev Singh,
Secretary,
Water Resources Department,
Govt. of Jharkhand, Ranchi | Representing Chief Secretary,
Govt. of Jharkhand |
| 17. Shri Pradeep Jena,
Principal Secretary,
Water Resources Department, | Representing Chief Secretary
Water Resources Department
Govt. of Odisha, |
| 18. Shri K.S. Pannu
Secretary,
Irrigation Department,
Govt. of Punjab, Chandigarh, | Representing Chief Secretary
Govt. of Punjab |
| 19. Shri Davindar Kumar
Additional Chief Secretary,
Water Resources Department,
Govt. of Assam, Guwahati, | Representing Chief Secretary
Govt. of Assam |
| 20. Shri C.K. Agrawal
Member (D&R),
Central Water Commission, New Delhi, | Representing Chairman
CWC, New Delhi |

21. Shri Brijesh Sinha,
Advisor, Ministry of Environment,
Forest & CC, New Delhi.,
Representing Secretary Ministry
of Environment , Forest & CC
22. Shri P.B. Ramamurthy
Addl. Chief Secretary,
Water Resources, Govt. of Karnataka,
Bangaluru, 2
Representing Secretary
WRD, Govt. of Karnataka
23. Shri Sriram Vedire,
Adviser, MoWR, RD & GR,
New Delhi
Member
24. Ms. Sayali Sandeep Joshi,
CEO, SERI, Pune &
Social Activists
Member
25. Prof. Maharaj K. Pandit,
Director, CISMHE,
University of Delhi, New Delhi
Member
26. Shri Virag Gupta,
Member, Task Force on ILR &
Social Activist
Member
27. Shri M.G. Choubey,
Engineer-in-Chief,
Water Resources Department,
Govt. of Madhya Pradesh, Bhopal, ,
Representing Principal Secretary
Water Resources Department
Govt. of Madhya Pradesh
28. Shri Vijay Jain,
Engineer-in-Chief,
Irrigation & WRD,
Govt. of Haryana, Chandigarh, ,
Representing Additional Chief Secretary
Irrigation Department
Govt. of Haryana
29. Shri S.V. Bhagwat,
Chief Engineer, Mahanadi Project,
Water Resources Department,
Govt. of Chhattisgarh, Raipur,
Representing Chief Secretary
Govt. of Chhattisgarh
30. Shri Sumnesh Mathur
Chief Engineer & Addl.
Water Resources Department,
Govt. of Rajasthan, Jaipur, ,
Representing Principal Secretary
ecretary, Water Resources Department
Govt. of Rajasthan
31. Shri K.B. Rabadia ,
Chief Engineer (S.G.) & Additional Secretary,
Narmada, WR, WS&K Department,
Govt. of Gujarat, Gandhinagar
Representing Secretary(w)
Govt. of Gujarat

- | | |
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| 32. Shri S.K. Ghanekar,
Superintending Engineer,
KWDT Special Cell,
Govt. of Maharashtra, Pune, | Representing Principal Secretary
Water Resources Department
Govt. of Maharashtra |
| 33. Shri A.K. Gupta,
Superintending Engineer (Planning)
Water, Delhi Jal Board,
Govt. of NCT of Delhi, New Delhi | Representing Chief Secretary
Govt. of NCT of Delhi |
| 34. Ms. Leena George,
Deputy Chief Engineer,
Irrigation Department,
Govt. of Kerala, Thiruvananthapuram, | Representing Chief Secretary
Govt. of Kerala |
| 35. Shri P. K. Aggarwal,
Advisor (Cost),
Ministry of Finance,
Department of Expenditure,
New Delhi, | Representing
Chief Advisor (Cost),
Min. of Finance
Department of Expenditure |
| 36. Shri S. Masood Husain,
Director General,
National Water Development Agency,
New Delhi | Member-Secretary |

Special Invitees

1. Shri B. N. Navalawala,
Chief Advisor,
MoWR, RD & GR &
Chairman, Task Force on ILR
2. Shri M. Gopalakrishnan,
Former Secretary General,
ICID & Chairman of
Sub-Committee-III of SCILR

Officers from Ministry of WR, RD and GR & Central Government

1. Shri Narendra Kumar,
Member (RM),
Central Water Commission,
New Delhi

2. Shri Pradeep Kumar,
Commissioner (SP),
MoWR, RD and GR,
New Delhi
3. Shri B. K.Panda,
OSD to MoWR, RD & GR,
New Delhi
4. Shri L.R. Gugarwal,
OSD to Minister of State (WR, RD & GR),
New Delhi
5. Shri Shyam Vinod Meena,
PS to Hon'ble Minister of State(WR, RD & GR),
New Delhi
6. Shri Samir Sinha,
PIO, Ministry of WR, RD & GR
New Delhi
7. Shri S.K. Sharma,
Sr. Joint Commissioner (PP),
MoWR, RD & GR, New Delhi
8. Shri Asit Chaturvedi,
Sr. Joint Commissioner (BM),
MoWR, RD & GR,
New Delhi

Officers of State Governments

1. Shri R. Subramanian,
Chairman, CTC cum ISWW,
Water Resources Department,
Government of Tamil Nadu, Chennai
2. Shri M.P. Raval,
Chief Engineer (QC) & Additional Secretary,
Narmada, WR, WS&K Department,
Govt. of Gujarat, Gandhinagar
3. Shri Anil Kumar Dhama
Chief Engineer (South),
Irrigation Department,
Govt. of Uttar Pradesh,
Lucknow

4. Shri D. Rama Krishna,
Chief Engineer (ISWR),
Govt. of Andhra Pradesh,
Hyderabad
5. Shri M. Bangara Swamy
Chief Engineer,
ISW, WRDO, Govt. of Karnataka,
Anandrao Circle, Bengaluru
6. Shri Pawan Verma,
Chief Engineer, Y.W.S. (South),
Govt. of Haryana, Delhi
7. Shri Har Prasad,
Superintending Engineer,
Irrigation Department,
Govt. of Uttar Pradesh, Lucknow
8. Shri D.K. Singh,
Superintending Engineer,
Water Resources Department,
Govt. of Jharkhand, Ranchi
9. Shri Niranjana Prasad,
Superintending Engineer,
I.S.D. Cell, Department of Water Resources,
Govt. of Odisha,
New Delhi
10. Shri Srikant Nigam,
Superintending Engineer (WR) &
Environment Consultant Commissioner,
Command Area Development,
Govt. of Madhya Pradesh,
Bhopal
11. Shri Sujit Borkar,
OSD to Minister of State (WRD),
Govt. of Maharashtra,
Mumbai
12. Shri R.Sivaprasadan Pillai,
Executive Engineer,
Cauvery Special Cell, Govt. of Kerala,
New Delhi

13. Shri Yogesh Mittal
Executive Engineer (N),
Water Resources Department,
Govt. of Rajasthan,
Jaipur
14. Shri Sriramaiah,
Technical Advisor,
Water Resources Department,
Govt. of Karnataka, Bengaluru
- 15 Shri D. Sankara Rao,
Dy. Executive Engineer,
IS&WR, Govt. of Andhra Pradesh,
Hyderabad
- 16 Shri R. Vilua Nathan,
Liaison Officer,
Cauvery Technical Cell,
Govt. of Tamil Nadu,
Chennai
- 17 Ms. Suja Mathew,
Asstt. Executive Engineer,
Cauvery Special Cell,
Govt. of Kerala,
New Delhi
- 18 Ms. Saroj Sharma,
Liaison Officer,
Water Resources Department,
Govt. of Rajasthan,
New Delhi

19 Ms. Sipika Srivastava,
Assistant Engineer &
Liaison Officer Water Resources
Department, Govt. of Madhya Pradesh,
New Delhi

NWDA Officers

1. Shri R. K. Jain,
Chief Engineer (HQ),
New Delhi
2. Shri M. K. Srinivas,
Chief Engineer (South),
Hyderabad
3. Shri H.N. Dixit,
Chief Engineer (North),
Lucknow
4. Shri O.P.S. Kushwah,
Superintending Engineer,
New Delhi
5. Shri M. P. Gupta,
Director (Fin.)
New Delhi
6. Mrs. Jancy Vijayan,
Director (MDU),
New Delhi