

## National Water Development Agency

### Introduction

The National Water Development Agency (NWDA), a Registered Society under the then Ministry of Irrigation [now Department of Water Resources, River Development & Ganga Rejuvenation (DoWR, RD&GR) under Ministry of Jal Shakti (MoJS)] was set up in the year 1982 to carry out detailed studies, surveys and investigations in respect of Peninsular Component under National Perspective Plan (NPP) for Water Resources Development. The functions of NWDA were published under para 4 of the Gazette Notification No. 1 (7)/80-PP dated 26.08.1981. The Government subsequently modified the functions of NWDA to include the Himalayan Component of the NPP for Water Resources Development through the Resolution No. 22/27/92-BM dated 11th March, 1994, composition of Society and Governing Body contained in Para 3 & 5 of the Resolution No. 1(7)/80-PP dated 26.08.1981 through the Resolution Nos. 2/9/2002-BM dated 13th Feb, 2003 and 12th March, 2004 and modified the functions of NWDA to include the activity to prepare the Detailed Project Report (DPR) of River Link proposals under the NPP for Water Resources Development after concurrence of the concerned States vide Notification No. 2/18/2005-BM dated 30.11.2006. Further, with the concurrence of the concerned co-basin States the preparation of DPRs of Intra-State links as may be proposed by the States was added in the functions of NWDA vide Resolution No. 2/18/2005-BM/943 dated 19th May, 2011. Further, two more new functions in the mandate of NWDA were added vide Gazette Notification No. 2/17/2016-BM dated 07.10.2016 viz., (i) to undertake/ construct/repair/renovate/rehabilitate/ implement the projects under Pradhan Mantri Krishi Sinchai Yojna (PMKSY) and (ii) to act as a repository of borrowed funds or money received on deposit or loan given on interest to secure the repayment of any such borrowed funds/money/deposit/loan etc. for the execution of projects.

It has now been decided to further amend the function (d) of NWDA i.e. "To prepare DPR of river link proposals under the NPP for Water Resources Development after concurrence of the concerned States" as "To carry out surveys & investigations work and prepare DPRs of river link proposals under the NPP for Water Resources Development and thereafter approach concerned States for obtaining concurrence for implementation of the project", vide Gazette of India Notification, Ministry of Jal Shakti, Department of Water Resources, River Development and Ganga Rejuvenation dated 16<sup>th</sup> March, 2020.

To enable NWDA to undertake above activities, functions are modified as under:

- a. To carry out detailed survey and investigations of possible reservoir sites and interconnecting links in order to establish feasibility of the proposal of Peninsular Rivers Development and Himalayan Rivers Development Components forming part of the National Perspective for Water Resources Development prepared by the then Ministry of Irrigation (now DoWR, RD&GR, MoJS) and Central Water Commission.

- b. To carry out detailed studies about the quantum of water in various Peninsular River systems and Himalayan River systems which can be transferred to other basins/States after meeting the reasonable needs of the basin/States in the foreseeable future.
- c. To prepare feasibility report of the various components of the scheme relating to Peninsular Rivers development and Himalayan Rivers development.
- d. To carry out surveys & investigations work and prepare DPRs of river link proposals under the NPP for Water Resources Development and thereafter approach concerned States for obtaining concurrence for implementation of the project.
- e. To prepare Pre-Feasibility Reports(PFRs)/Feasibility Reports(FRs)/DPRs of the Intra-State links as may be proposed by the States. The concurrence of the concerned co-basin States for such proposals may be obtained before taking up their FRs / DPRs.
- f. To undertake/construct/repair/renovate/rehabilitate/implement the projects either of its own or through an appointed Agency/Organizations/PSU or Company and the projects forming part of Interlinking of Rivers, for completion of projects falling under Pradhan Mantri Krishi Sinchai Yojna (PMKSY) of which projects under Accelerated Irrigation Benefits Programme (AIBP) are also included and similar other projects .
- g. NWDA to act as a repository of borrowed funds or money received on deposit or loan given on interest or otherwise in such manner, as directed by MoWR, RD&GR (now DoWR, RD&GR, MoJS) and to secure the repayment of any such borrowed funds/money deposits/ loan etc. by way of mortgage, pledge, charge or lien upon all or any other property, assets or revenue of the society both present and future.
- h. To do all such other things the Society may consider necessary, incidental, supplementary or conducive to the attainment of above objective

## Head Quarter & Organisational Set Up

Director General of the rank of Additional Secretary to Government of India is the Principal Executive Officer of the Society, responsible for all day to day affairs including technical, legal, administrative and financial matters of the Society. The Headquarter of the Agency is at New Delhi. The Chief Engineer (HQ) is assisted by Director (Technical), Director (Finance), Director (Administration), Director (Multi Disciplinary Unit) and two Superintending Engineers. NWDA has 2 field organisations (North & South) each headed by a Chief Engineer, There are three Circles, seven Divisions under the North organisation and two Circles & eight Divisions under the South organisation.

## Staff Strength

The existing sanctioned staff strength of NWDA as on 31<sup>st</sup> March, 2016 is 493 (as per SIU). Actually 413 posts are filled. NWDA is following all the instructions issued from time to time by the Govt. of India regarding providing reservation in service and other benefits to Scheduled Castes/Scheduled Tribes, Other Backward Classes, Ex-Servicemen and Physically Handicapped persons.

The staff strength (Group-wise) of NWDA as on 31<sup>st</sup> March, 2020 indicating SC/ST/OBC/PH/EX-Servicemen/General is as under:

### The Staff strength (Group-wise) of NWDA as on 31st March, 2020

Group	As per SIU*	Filled							*Vacant (As per SIU)
		SC	ST	OBC	PH	Ex. S. man	General	Total	
Group-A	59	6	1	2	0	0	45	54	5
Group-B	142	17	6	17	1	0	79	120	23
Group-C	292	40	16	22	4	2	155	239	64
<b>Total</b>	<b>493</b>	<b>63</b>	<b>23</b>	<b>41</b>	<b>5</b>	<b>2</b>	<b>279</b>	<b>413</b>	<b>92</b>

\* As per the Staff Inspection Unit (SIU) recommendation.

Note:- Posts declared surplus by the Staff Inspection Unit (SIU) being abolished out in future adjustments/retirements as recommended by it.

## NWDA SOCIETY

The National Water Development Agency Society is the apex body of the National Water Development Agency and meets at least once in a year to review the progress and performance of the Agency towards the attainment of its objectives and to give such policy directions as it deems fit. The Hon'ble Union Minister of Jal Shakti, Department of Water Resources, RD &GR is the President of the Society. The President exercises such powers for the conduct of the business of the Society as may be vested in him by the Society. In addition, he has powers to review periodically the work and progress of the Society and appoint Committees or Commissions for the efficient operation of the Society or to enquire into and report on the affairs of the Society and pass such orders, as he considers proper. Thirty three meetings of NWDA Society have been held so far.

### Members of NWDA Society

S.No.	Committee Name	Member
1.	Union Minister for Ministry of Jal Shakti, Department Water Resources, RD & GR	President
2.	Union Minister of State for Ministry of Jal Shakti, Department Water Resources, RD & GR	Vice – President
3.	Member (Agri. & WR), NITI Aayog	Member
4.	Chief Ministers/Ministers and Secretaries or their nominees not below the rank of Chief Engineer so nominated in – charge of Water Resources / Irrigation of the States of Andhra Pradesh, Assam, Bihar, Chhattisgarh, Gujarat, Haryana, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Odisha, Punjab, Rajasthan, Tamil Nadu, Telangana, Uttar Pradesh, Uttarakhand, West Bengal, and Union Territory of Puducherry	Members
5.	Secretary, Department of Water Resources, RD & GR, Ministry of Jal Shakti, Govt. of India	Member
6.	Secretary or his nominee not below the rank of Joint Secretary or equivalent, Ministry of Agriculture & Farmers Welfare (Department of Agriculture, Cooperation & Farmers Welfare)	Member
7.	Secretary or his nominee not below the rank of Joint Secretary or equivalent, Ministry of Finance (Deptt. of Expenditure)	Member
8.	Secretary or his nominee not below the rank of Joint Secretary or equivalent, Ministry of Power	Member
9.	Secretary or his nominee not below the rank of Joint Secretary or equivalent, Ministry of Science & Technology	Member
10.	Secretary or his nominee not below the rank of Joint Secretary or equivalent, Ministry of Environment, Forest and	Member

	Climate change.	
11.	Advisor(WR&LR),NITI Aayog.	Member
12.	Chairman, Central Water Commission	Member
13.	Chairman, Central Ground Water Board	Member
14.	Chairman, Central Electricity Authority	Member
15.	Additional Secretary, Department of Water Resources, RD & GR, Ministry of Jal Shakti, Govt. of India	Member
16.	Member (WP&P), Central Water Commission	Member
17.	Member (D&R), Central Water Commission	Member
18.	Director General or his nominee not below the rank of Joint Secretary or equivalent, India Meteorological Department	Member
19.	Director General or his nominee not below the rank of Joint Secretary or equivalent, Geological Survey of India	Member
20.	Surveyor General of India or his representative, Survey of India	Member
21.	Director or his representative, National Remote Sensing Centre	Member
22.	Joint Secretary (Admin), Department of Water Resources, RD & GR, Ministry of Jal Shakti, Govt. of India	Member
23.	Commissioner (SP), Department of Water Resources, RD & GR, Ministry of Jal Shakti Govt. of India	Member
24.	Director General, National Water Development Agency	Member-Secretary

## **Governing Body**

The Governing Body (GB) of the NWDA Society under the Chairmanship of the Secretary (Ministry of Jal Shakti, Department of Water Resources, RD & GR), Govt. of India manages, administers, directs and controls the affairs and funds of the Society subject to the rules, bye-laws and orders of the Society and generally pursues and carries out the activities of the Society as set forth in its Memorandum of Association and in doing so, follows and implements the policy directions and guidelines laid down by the Society. 66 meetings of the Governing Body of NWDA have been held since its inception.

## Members of the Governing Body of NWDA

S.No.	Governing Body Names	Designation
1.	Secretary, Department of Water Resources, RD & GR, Ministry of Jal Shakti, Govt. of India	Chairman
2.	Secretary or his nominee not below the rank of Joint Secretary, Ministry of Finance (Deptt. of Expenditure)	Member
3.	Secretary or his nominee not below the rank of Joint Secretary, Ministry of Power	Member
4.	Secretary or his nominee not below the rank of Joint Secretary, Ministry of Agriculture & Farmers Welfare (Deptt. of Agriculture, Co-operation & Farmers Welfare)	Member
5.	Secretary or his nominee not below the rank of Joint Secretary, Ministry of Science & Technology	Member
6.	Secretary or his nominee not below the rank of Joint Secretary, Ministry of Environment, Forests and Climate Change	Member
7.	Secretary or his nominee not below the rank of Joint Secretary, NITI Aayog,	Member
8.	Chairman, Central Water Commission	Member
9.	Chairman, Central Ground Water Board	Member
10.	Chairman, Central Electricity Authority	Member
11.	Additional Secretary, Ministry of Jal Shakti, Department of Water Resources, RD & GR	Member
12.	Member (WP&P), Central Water Commission	Member
13.	Member (D&R), Central Water Commission	Member
14.	Director General or his nominee not below the rank of Joint Secretary, India Meteorological Department	Member
15.	Joint Secretary (Admin), Ministry of Jal Shakti, Department of Water Resources, RD & GR	Member
16.	Commissioner (SP), Ministry of Jal Shakti, Department of Water Resources, RD&GR	Member
17.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Andhra Pradesh	Member
18.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Assam	Member
19.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Bihar	Member
20.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Chhattisgarh	Member
21.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Gujarat	Member
22.	Water Resources Secretary or his nominee not below the	Member

	Rank of Chief Engineer, Haryana	
23.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Jharkhand	Member
24.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Karnataka	Member
25.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Kerala	Member
26.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Madhya Pradesh	Member
27.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Maharashtra	Member
28.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Odisha	Member
29.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Punjab	Member
30.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Rajasthan	Member
31.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Tamil Nadu	Member
32.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Uttarakhand	Member
33.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Uttar Pradesh	Member
34.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, West Bengal	Member
35.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Puducherry	Member
36.	Water Resources Secretary or his nominee not below the Rank of Chief Engineer, Telangana	Member
37.	Director General, National Water Development Agency	Member– Secretary

### **Technical Advisory Committee**

The Governing Body of the NWDA Society has constituted a Technical Advisory Committee (TAC) of NWDA under the Chairmanship of Chairman, Central Water Commission, for examination and scrutiny of the various technical proposals framed by the Agency. Governing Body of NWDA, during its 48th meeting held on 10.3.2006 has approved inclusion of Engineer-in-Chief, Water Resources Department, Govt. of Chhattisgarh; Chief Engineer,

Irrigation Department, Govt. of Uttarakhand; and Engineer-in-Chief, Water Resources Department, Govt. of Jharkhand as Special Invitees in the TAC of NWDA.

### **Member of the Technical Advisory Committee of NWDA**

1.	Chairman, Central Water Commission, New Delhi	Chairman
2.	Member (WP&P), Central Water Commission, New Delhi	Member
3.	Member (D&R), Central Water Commission, New Delhi	Member
4.	Member (HE), Central Electricity Authority, New Delhi	Member
5.	Joint Secretary, Deptt. Of Agriculture & Co-operation, New Delhi	Member
6.	Advisor (IA), Ministry of Environment & Forests, New Delhi	Member
7.	Director General, Geological Survey of India, Kolkata	Member
8.	Chairman, Central Ground Water Board, Faridabad	Member
9.	Director General, India Meteorological Department, New Delhi	Member
10.	Director/Scientist (F), National Institute of Hydrology, Roorkee	Member
11.	Chairman, Inland Water Ways Authority of India, Noida	Member
12.	Director General, National Water Development Agency, New Delhi	Member-Secretary
<b>Special Invitees</b>		
13.	Chief Engineer (Water Resources), Irrigation Department, Govt. of Uttar Pradesh	
14.	Chief Engineer & Joint Secretary, Narmada and Water Resources Department, Govt. of Gujarat	
15.	Engineer-in-Chief (Interstate & Water Resources), Irrigation Department, Govt. of Andhra Pradesh	
16.	Engineer-in-Chief (Bodhi), Water Resources Department, Govt. of Madhya Pradesh	
17.	Chief Engineer (Water Resources) & Joint Secretary, Irrigation Department, Govt. of Maharashtra	
18.	Chief Engineer, Interstate Water, Government of Kerala	
19.	Chief Engineer (Irrigation, Design & Research), Irrigation Unit, Govt. of Rajasthan	
20.	Engineer-in-Chief, Water Resources Organisation, Govt. of Tamil Nadu	
21.	Chief Engineer, Central Planning Unit, Department of Irrigation, Govt. of Orissa	



22.	Chief Engineer, Irrigation Department, Water Resources Development Organisation, Govt. of Karnataka	
23.	Chief Engineer (Lift Canals), Irrigation Department, Govt. of Haryana	
24.	Chief Engineer, P .P.Cell, Water Resources Deptt., Govt. of Bihar	
25.	Chief Engineer (Design & Research), Irrigation & Waterways Directorate, Govt. of West Bengal	
26.	Chief Engineer (P&D), Brahmaputra Board, Guwahati, Assam	
27.	Chief Engineer, Irrigation Department, Govt. of Assam	
28.	Chief Engineer,(Water Resources), Irrigation Works, Govt. of Punjab	
29.	Chief Engineer (I&F),Govt. of NCT of Delhi	
30.	Engineer-in-Chief, Water Resources Department, Govt. of Chhattisgarh	
31.	Chief Engineer and Head of Department, Irrigation Department, Govt. of Uttarakhand	
32.	Engineer-in-Chief, Water Resources Department, Govt. of Jharkhand	

### **Terms of Reference:**

1. To provide technical guidance for the studies and investigation undertaken by NWDA.
2. Consideration and acceptance of methodologies adopted by NWDA for carrying out hydrological studies.
3. Consideration and acceptance of water balance and prefeasibility reports prepared by NWDA in the light of comments/observations received from the concerned States.
4. Considerations and concurrence to take up field surveys and detailed investigations for water transfer link proposals.
5. Guidance in detailed investigations and preparation of feasibility reports.