



सत्यमेव जयते

भारत सरकार/ Government of India
जल शक्ति मंत्रालय/ Ministry of Jal Shakti
जल संसाधन, नदी विकास और गंगा संरक्षण विभाग/
Department of Water Resources, River Development
& Ganga Rejuvenation



कृष्णा नदी प्रबंधन बोर्ड
Krishna River Management Board



Annual Report
2023-2024

PRAKASAM BARRAGE





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2023 - 24



FROM CHAIRMAN'S DESK

It gives me immense pleasure to present the Annual Report of Krishna River Management Board (KRMB) for the year 2023-2024. The present Annual Report portrays a concise account of Krishna River Basin and functions, activities and performance of the Board during the Year.

The Krishna River Management Board has been constituted as per Ministry of Water Resources (Now Ministry of Jal Shakti) notification no: 1148, Dt:28-05-2014 in accordance with Section 85 of the Andhra Pradesh Re-organisation Act 2014.

KRMB is performing its mandated functions as laid down under section 85 (8) of the A.P. Re-organisation Act, 2014 under the guidance of Ministry of Jal Shakti, Department of Water Resources, RD&GR and support of State Governments of Andhra Pradesh and Telangana.

I wish to acknowledge the sincere and dedicated efforts made by all the officers and staff of KRMB enabling the Board to perform its functions impartially and successfully during the year.

The publication of this Annual Report has been possible with the contribution and sincere efforts of officers and staff of KRMB. I express my deep appreciation to all those who have contributed in bringing out this report.

(Atul Jain)
Chairman, KRMB



MESSAGE FROM MEMBER SECRETARY

In exercise of the powers conferred under section 85 of the Andhra Pradesh Re-organisation Act, 2014, KRMB was constituted by the Government of India on 02.06.2014 as an autonomous body under the administrative control of Central Government for administration, regulation, maintenance and operation of such projects on Krishna River, as may be notified by the Central Government from time to time. The present Annual Report of Krishna River Management Board (KRMB) covers various activities undertaken by KRMB during the year 2023-24.

During 17th meeting of the Board held on 10th May, 2023, the Board decided to continue the Three Member Committee meetings to decide working arrangement of sharing of water with appropriate give and take considerations and to recommend to KRMB for issue of water release orders from time to time.

Out of proposed 27 Telemetry Stations, KRMB has installed 18 Telemetry Stations under Phase-I at various locations in Krishna Basin for water accounting and equitable sharing of Krishna waters among the states of Andhra Pradesh and Telangana. Balance 9 Telemetry Stations are to be installed under Phase-II.

KRMB has organized various events viz., International Yoga Day, Hindi Pakhwada, Vigilance Awareness Week, Swachhata Hi Seva Pakhwada and Swachhta Pakhwada etc. during the year 2023-24.

I express my sincere thanks to the Chairman, KRMB for his valuable suggestions and guidance in preparation of this report. I compliment the officers and staff of the KRMB especially Smt. P. Rama, Executive Engineer, Shri P. Ravi Chandra, Deputy Executive Engineer and Smt. K. Savithri, Assistant Executive Engineer for their efforts in bringing out this report.

(D. M. Raipure)

Member Secretary, KRMB

HIGHLIGHTS OF THE YEAR 2023-2024

- 17th Board Meeting of KRMB was held on 10th May, 2023.
- During the water year 2023-24, Three meetings of Three Member Committee were held.
- As per the recommendations of Three Member Committee, three (03) water release orders were issued by KRMB.
- During 17th meeting of the Board, the Board decided to continue the Three Member Committee meetings to decide working arrangement of sharing of water with appropriate give and take considerations and to recommend to KRMB for issue of water release orders from time to time.
- E-Governance activities were implemented in functioning of KRMB Secretariat viz. KRMB website, LIMBS, RTI Online, e-Samiksha, GeM, e-Procurement, etc.
- Various mass awareness programs of Govt. of India viz. International Yoga Day, Hindi Pakhwada, Vigilance Awareness Week, Swachhata Hi Seva Pakhwada and Swachhta Pakhwada etc. were organized.
- Budget estimate of Rs. 23.50 Crore for the FY: 2023-24 was approved by the Board.

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Abbreviations Used in the Report

ADCP	Acoustic Doppler Current Profiler
AMRP	Alimineti Madhava Reddy Project
AP	Andhra Pradesh
AP GENCO	Andhra Pradesh Power Generation Corporation Limited
APR Act, 2014	Andhra Pradesh Reorganisation Act, 2014
CEA	Central Electricity Authority
CVC	Central Vigilance Commission
CWC	Central Water Commission
CWES	Central Water Engineering Service (Group-A service)
CWPRS	Central Water and Power Research Station
DOWR	Department of Water Resources
DPR	Detailed Project Report
FRL	Full Reservoir Level
GOI	Government of India
GWDT	Godavari Water Dispute Tribunal
HNSS	Handri Niva Sujala Sravanthi
I & CAD	Irrigation and Command Area Development
ISRWDA	Inter-State River Water Disputes Act
KGBO	Krishna Godavari Board Organisation
KRMB	Krishna River Management Board
KWDT	Krishna Water Disputes Tribunal
MoJS	Ministry of Jal Shakti
NIH	National Institute of Hydrology
NRSC	National Remote Sensing Centre
LIS	Lift Irrigation Scheme
LMC	Left Main Canal
RMC	Right Main Canal
MDDL	Minimum Draw Down Level
MW	Mega Watt
NSP	Nagarjuna Sagar Project
NSRSSP	Neelam Sanjeeva Reddy Sagar Srisailam Project
RDS	Rajolibanda Diversion Scheme
RD&GR	River Development & Ganga Rejuvenation
RTI	Right to Information
SCADA	Supervisory Control and Data Acquisition
SLDCP	Side-Looking Doppler Current Profiler
TMC	Thousand Million Cubic Feet (2831 ha m)
TS	Telangana State
TS GENCO	Telangana State Power Generation Corporation Limited
WRD	Water Resources Department

CHAPTER-1

AN OVERVIEW OF KRISHNA RIVER MANAGEMENT BOARD

1.1 Constitution of Krishna River Management Board (KRMB)

The Andhra Pradesh Reorganisation Act, 2014 was promulgated in Parliament by the Central Government for bifurcation of the erstwhile State of Andhra Pradesh into the States of Andhra Pradesh and Telangana, and under the Presidential Orders, Ministry of Law and Justice published the Act vide Gazette No.6 (part-2) of 2014 on 1st March 2014(**Annexure-I**). Part IX of the Act deals with Management and Development of Water Resources of the successor States.

In exercise of the powers conferred under Section 85 (part IX) of the APR Act, 2014, the Central Government, vide Ministry of Water Resources Notification dated 28th May, 2014, constituted Krishna River Management Board (KRMB), with autonomous status under the administrative control of Central Government for the administration, regulation, maintenance and operation of such projects, as may be notified by the Central Government from time to time. A copy of Gazette Notification of KRMB dated 28.05.2014 (Part II – Section 3) by MoWR, RD & GR is placed as **Annexure-II**.

The composition of KRMB is as given below:

(1)	An officer of the level of Additional Secretary to the Government of India from the Central Water Engineering (Group 'A') Service	Chairperson
(2)	Two members, to be nominated by each of the successor States of Telangana and Andhra Pradesh, of which one shall be the technical member not below the rank of Chief Engineer and the other administrative member to represent the concerned States	Members
(3)	One expert from the Central Power Engineering (Group 'A') Service	Member
(4)	An Officer not below the rank of Chief Engineer from the Central Water Engineering (Group 'A') Service	Member Secretary

The Board started functioning from 2nd day of June, 2014 i.e. the appointed day notified vide notification dated 04.03.2014 by Ministry of Home Affairs for the purposes of the APR Act, 2014.

1.2 Headquarters

As per APR Act, 2014, the headquarters of Krishna River Management Board is to be in the successor State of Andhra Pradesh. However, the headquarters of the Board is presently at Hyderabad and the shifting of headquarters of Krishna River Management Board is in process.

1.3 Staff of the Board

In pursuance of Section 86(1) of the APR Act, 2014, the Board has employed staff as per its requirement for the efficient discharge of its functions under this Act on deputation from the successor States. The posts of Chairman, Member Secretary and Member are encadred for KRMB and are posted by DoWR, Ministry of Jal Shakti. The post of Member(Power) is also encadred and is posted by Ministry of Power.

1.4 Finance

In pursuance of Section 86(2) of the APR Act, 2014, Govt. of AP and Govt. of TS shall at all times provide the necessary funds to the Board to meet all the expenses required for the discharge of its functions and such amounts shall be apportioned between the States concerned in such proportion as the Central Government may, having regard to the benefits to each of the said States, specify.

1.5 Apex Council

In pursuance of Section 84(1) of the APR Act, 2014, the Central Government constituted an Apex Council for the supervision of the functioning of the Krishna River Management Board.

The Apex Council consists of -

- (a) Minister of Jal Shakti, Government of India- Chairperson,
- (b) Chief Minister of State of Andhra Pradesh- Member,
- (c) Chief Minister of State of Telangana- Member.

The functions of the Apex Council include-

- (i) Supervision of the functioning of the Krishna River Management Board and Godavari River Management Board;

- (ii) Planning and approval of proposals for construction of new projects, if any, based on Krishna or Godavari river water, after getting the proposal appraised and recommended by the River Management Boards and by the Central Water Commission, wherever required;
- (iii) Resolution of any dispute amicably arising out of the sharing of river waters through negotiations and mutual agreement between the successor States;
- (iv) Reference of any disputes not covered under Krishna Water Disputes Tribunal, to a Tribunal to be constituted under the Inter-State River Water Disputes Act, 1956.

CHAPTER-2

KRISHNA RIVER

2.1 Introduction

The Krishna Basin extends over Maharashtra, Karnataka, Telangana and Andhra Pradesh having a total area of 2,58,948 Sq.km which is nearly 8% of the total geographical area of the country. The basin has a maximum length and width of about 701 km and 672 km, it lies between 73°17' to 81°9' East longitudes and 13°10' to 19°22' North latitudes.

It is bounded by Balaghat range on the North, by the Eastern Ghats on the South and the East and by the Western Ghats on the West. The Krishna River rises from the Western Ghats near Jor village of Satara district of Maharashtra at an altitude of 1,337 m just North of Mahabaleshwar. The total length of river from origin to its outfall into the Bay of Bengal is 1,400 km.

Its principal tributaries joining from right are the Ghatprabha, the Malprabha and the Tungabhadra whereas those joining from left are the Bhima, the Musi and the Munneru are joining the river from left.

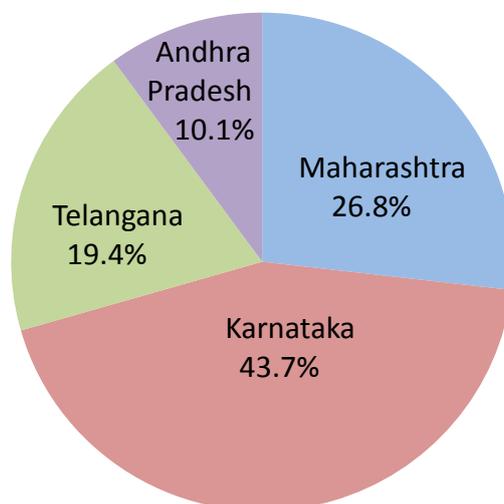
The major part of basin is covered with agricultural land accounting to 75.86% of the total area and 4.07% of the basin is covered by water bodies.

The State-wise distribution of catchment area and length of river Krishna are as given in Table - 2.1.

TABLE - 2.1

Basin State	Length in km	Catchment Area in sq km
Maharashtra	306	69425
Karnataka	483	113271
Telangana	612	50155
Andhra Pradesh		26097
Total	1401	258948

State wise percentage of basin area in Krishna river



2.2 Major Tributaries

Principal tributaries of Krishna River are as given below in Table - 2.2.

TABLE - 2.2

Sl. No.	Tributary	Length in km (Approx.)
1	Koyna (R)	119
2	Ghataprabha (R)	283
3	Malaprabha (R)	306
4	Tungabhadra (R)*	531
5	Vedavati (R)	391
6	Bhima (L)*	861
7	Musi (L)	267
8	Paleru (L)	153
9	Munneru (L)	196

* The rivers Tungabhadra and Bhima, tributaries of the Krishna, are themselves Major Inter-State rivers.

2.3 Sub – Basins

For the purpose of planning and development of water resources in the basin, the Krishna River Basin has been divided into the following 12 sub-basins as given below in Table - 2.3.

TABLE - 2.3

Sl. No.	Sub-Basin	Number	Area in sq km	Area in Percentage
1	Upper Krishna	K1	17972	7
2	Middle Krishna	K2	17558	7
3	Ghataprabha	K3	8829	3
4	Malaprabha	K4	11549	4
5	Upper Bhima	K5	46066	18
6	Lower Bhima	K6	24548	10
7	Lower Krishna	K7	36125	14
8	Tungabhadra	K8	47827	19
9	Vedavathi	K9	23590	9
10	Musi	K10	11212	4
11	Paleru	K11	3263	1
12	Munneru	K12	10409	4
Total			258948	100

2.4 Krishna River in Andhra Pradesh and Telangana

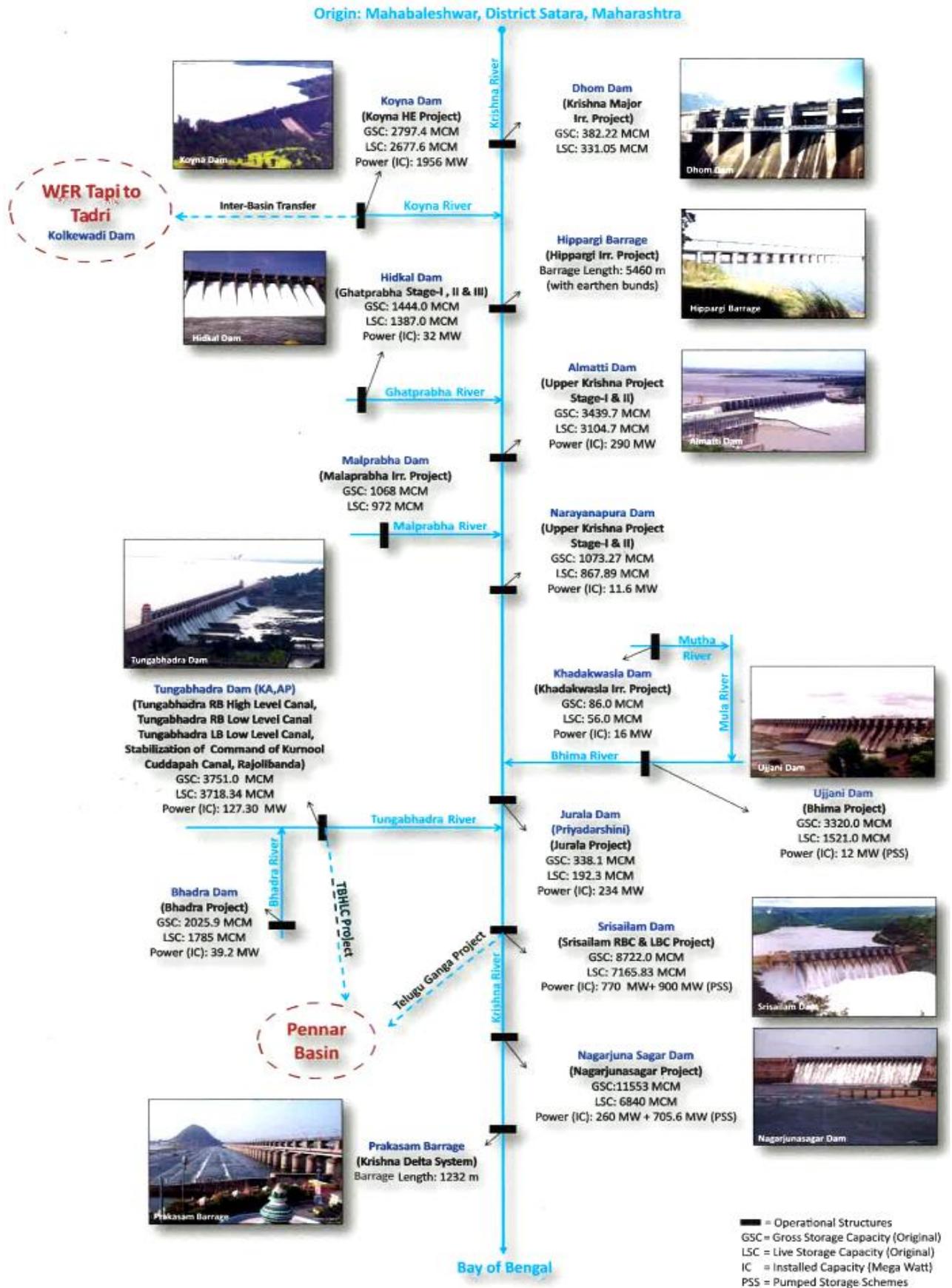
Priyadarshini Jurala is the upstream most project built on river Krishna in erstwhile Andhra Pradesh State and is presently in Telangana State. The project is located in lower Krishna sub basin. The other sub basins in Telangana and Andhra Pradesh are Tungabhadra, Vedavathi, Musi, Paleru and Munneru.

The river Krishna including the tributaries joining the river Krishna viz., Tungabhadra, Musi, Paleru and Munneru are flowing both in Telangana and Andhra Pradesh and are Inter State Rivers.

The Neelam Sanjeeva Reddy Sagar Project(Srisailam), Nagarjuna Sagar Project, Dr K.L. Rao Pulichintala Project and Prakasam Barrage are major existing projects on Krishna River. The two major projects Srisailam and Nagarjuna Sagar serve both the States.

Tungabhadra Dam, Rajolibanda Diversion Scheme(RDS) and Sunkesula Barrage are existing on Tungabhadra river, which is a major tributary of river Krishna. Tungabhadra Dam constructed across river Tungabhadra, serves Karnataka, Andhra Pradesh and Telangana.

River Flow Line Diagram



CHAPTER-3 FUNCTIONS OF THE BOARD

3.1 Functions of Krishna River Management Board (KRMB)

The functions of the Board as laid down in the APR Act, 2014 under clause 85(8) are-

- (a) the regulation of supply of water from the projects to the successor States having regard to-
 - (i) awards granted by the Tribunals constituted under the Inter-State River Water Disputes Act, 1956;
 - (ii) any agreement entered into or arrangement made covering the Government of existing State of Andhra Pradesh and any other State or Union territory;
- (b) the regulation of supply of power generated to the authority in-charge of the distribution of power having regard to any agreement entered into or arrangement made covering the Government of the existing State of Andhra Pradesh and any other State or Union territory;
- (c) the construction of such of the remaining on-going or new works connected with the development of the water resources projects relating to the rivers or their tributaries through the successor States as the Central Government may specify by notification in the Official Gazette;
- (d) making an appraisal of any proposal for construction of new projects on Krishna river and giving technical clearance, after satisfying that such projects do not negatively impact the availability of water as per the awards of the Tribunals constituted under the Inter-State River Water Disputes Act, 1956 for the projects already completed or taken up before the appointed days; and
- (e) such other functions as the Central Government may entrust to it on the basis of the principles specified in the Eleventh Schedule.

3.1.1 The Eleventh Schedule

The Eleventh Schedule of APR Act, 2014 covers the principles governing the functioning of the River Management Boards and is enclosed as **Annexure - III**.

3.2 Gazette Notification:

In exercise of the powers conferred by Sub section (1) of the 87 of the APR Act, 2014 and as per decision taken in the 2nd meeting of Apex Council, the Jurisdiction of KRMB has been notified by MoJS, DoWR, RD&GR by Gazette Notification S.O.2842(E) dated 15.07.2021. Subsequently, the amendment to clauses 1(l), 2(f) and 2(g) was notified by Gazette Notification S.O.1563(E) dated 01.04.2022. The Gazette Notification S.O. 2842(E) dated 15.07.2021 was further amended by Gazette Notification S.O. 3511(E) dated 27.07.2022.

During the 17th KRMB Board meeting held on 10.05.2023, the Principal Secretary of the WRD of the GoAP informed that their stand is very clear and they are ready to hand over the specified components. GoAP has already issued directions for handing over a total of 6 prioritized components of Srisailem and Nagarjuna Sagar Project under their control to KRMB on 14.10.2021 (G.O.No. 54 & G.O. No. 17 respectively) as per the decision taken in the 15th Board meeting subject to simultaneously handing over of similar components of the projects under the control of Telangana.

However, the Special Chief Secretary, I&CAD Department of the GoTS stated that, they do not agree for transfer of the components of Srisailem and Nagarjuna Sagar and stresses that the matter may be referred to the Apex Council to discuss common assets and to review the Gazette Notification S.O. 2842(E) dated 15.07.2021. Considering the differing viewpoints, the Board decided to refer the matter to the DoWR, RD & GR.

Further, the Government of Telangana has made Resolution on “**Krishna River water sharing issue and not to hand over common projects to KRMB**” was unanimously adopted by the Telangana Legislative Assemble on 12.02.2024 and stated that, Government of Telangana State shall not handover control of common projects to Krishna River Management Board unless the conditions put forth by the State have been fulfilled, which are as follows:

- Water sharing between AP and Telangana shall be on the basis of
 1. Catchment area
 2. Drought Prone area
 3. Basin Population
 4. Cultivable area
- In basin needs shall be met first on priority as per KWDT- I

- Srisaillam project was sanctioned as Hydro-electric project by planning Commission in 1962 for supplying 264 TMC to Nagarjuna Sagar project. Accordingly, MDDL of Srisaillam shall be +830 ft as per KWDT-I Award.
- Outside basin diversions from Srisaillam reservoir shall be limited to 34 TMC (15 TMC for Chennai water supply and 19 TMC for SRBC) which were approved by CWC.
- The use towards drinking water shall be reckoned as 20% of drawls towards consumptive use as stipulated by KWDT-1.
- States shall be permitted to carryover water to the next year as per KWDT-1 and shall not be accounted as use in the next year account.
- Unauthorized construction of projects/expansions/new components diverting Krishna water to outside basin shall not be permitted strictly unless approved by CWC/MoWR.

CHAPTER-4 BOARD ORGANISATION

4.1 Organisation

Krishna River Management Board (KRMB) was established on 2nd June, 2014 in pursuance of Section 85 (1) of APR Act, 2014.

4.2 Board Secretariat

The following officers of the Board are appointed by the Central Government.

- (i) Chairperson,
- (ii) Member Secretary,
- (iii) Member (Power) and
- (iv) Member.

KRMB is headed by the Chairperson who is vested with the administrative and financial powers for smooth functioning of the Board. Chairperson is assisted by Member Secretary, Member (Power) and Member (in the Board Secretariat). Member Secretary, appointed from Central Water Engineering (Group 'A') Services is in-charge of the supervision of Board's administration and financial matters. The Member (Power), appointed from Ministry of Power is responsible to look after the power related matters. The Member in the Board Secretariat, of the rank of Chief Engineer from Central Water Engineering (Group 'A') Service is responsible for technical matters.

Member Secretary, Member (Power) and Member in KRMB are assisted by Superintending Engineer/ Executive Engineer level officers. Allied duties and functions are grouped under respective units and each unit is divided into divisions, headed by Executive Engineers, Deputy Director/ Director (F). The Executive Engineers, Deputy Director/ Director (F) are supported by the officers of the level of Dy. Executive Engineer, Assistant Director, Assistant Executive Engineer, Superintendent, Accounts Officer, Sr. Assistant and Jr. Assistant.

The structure of KRMB under Member Secretary, Member and Member (Power) is as follows:

- (i) Administration and Finance Unit under Member Secretary
 - 1. Administration and Coordination Division
 - 2. Finance Division
 - 3. Water Management Division
- (ii) Technical Unit under Member
 - 1. Appraisal and Monitoring Division
- (iii) Power Unit under Member (Power)

4.3 Incumbents

The incumbents to the posts of Chairperson and Members of KRMB during the year 2023-24 are given in Table - 4.3.

TABLE - 4.3

Sl. No.	Designation	Name	Period
1	Chairperson	Shri Shiv Nandan Kumar	01.04.2023 to 31.03.2024
2	Member Secretary	Shri D.M. Raipure	01-04-2023 to 31-03-2024
3	Member (Power)	Shri L.B. Muanthang	01-04-2023 to 31-03-2024
4	Member	Shri Ajay Kumar Gupta	01-04-2023 to 04.03.2024
		Shri R. N. Sankhua	04.03.2024 to 31.03.2024

4.4 Nominated Board Members from the State Governments

Particulars of the Board Members from the States are given in the following Table:

Government of Andhra Pradesh		
1	Member (Admin)	Shri Shashibhushan Kumar, IAS Principal Secretary to Government, Water Resources Department
2	Member (Technical)	Shri C. Narayana Reddy, Engineer-in-Chief (I), Water Resources Department
Government of Telangana		
1	Member (Admin)	Shri Dr. Rajat Kumar, IAS Special Chief Secretary to Govt. of Telangana, Irrigation & CAD Department
2	Member (Technical)	Shri C. Muralidhar Engineer-in-Chief (I), Irrigation & CAD Department

4.5 Other Officers/ Staff of the Board

In addition to the personnel from the Central Government, other engineering officers from the level of Superintending Engineer to Assistant Executive Engineers and Financial/ Administrative/ Ministerial officials from the level of Director (Finance) to Assistants are deployed on deputation/diversion/ loan basis from the Governments of Telangana, Andhra Pradesh and CWC.

In KRMB, 26 officers are in position as on 31.03.2024 and the break-up is as follows:

Government of India	-- 4
Government of Andhra Pradesh	-- 12
Government of Telangana	-- 10

Organisation Chart of Board Secretariat is at <https://krmb.gov.in/krmb/orgChart>

CHAPTER-5

BOARD MEETINGS

5.1 Board Meetings

During the year 2023-24, 17th meeting of the Board was held on 10.05.2023 under the Chairmanship of Shri M.P. Singh, Chairman, KRMB.

Seventeenth Meeting of the Board

The following decisions were taken during the meeting:

- The issue of working arrangement for sharing of Krishna water between AP and TS for the water year 2023-24 was discussed.

During the meeting, Special Chief Secretary, Telangana stated that Board can't have this working arrangement continuously and Board is not empowered to make any working arrangement without consensus and refuses to accept the working arrangement of 66:34 and demands for sharing ratio of 50:50 and requested to address the issue to DoWR, RD & GR.

Principal Secretary, Andhra Pradesh stated that the working arrangement of water sharing is essential for distributing the water as per eligibility. Hence, Board have to take decision urgently about current water year 2023-24 and requested to continue the same arrangement in the ratio of 66:34.

Due to divergent views of Andhra Pradesh and Telangana consensus are not arrived for sharing of water in Krishna Basin for the water year 2023-24.

After detailed deliberations, the Board decided to refer the matter to DoWR, RD & GR for decision by the Apex Council. Further Board expressed that in absence of consensus for sharing of water for the current water year 2023-24, working arrangement can be made by Three Member Committee according to the water requirements of the both the States as and when required.

Three Member Committee Meetings and Outcomes

Three (3) meetings of the Three Member Committee (consisting of Engineers-in-Chief of the States and Member Secretary, KRMB) were held during the year 2023-24.

As per the recommendations of Three Member Committee meetings, Three (3) water release orders were issued by KRMB during the water year 2023-24 from the common projects of Srisailam and Nagarjuna Sagar for irrigation and drinking water requirements of both the States.

5.2 Committee to ensure supply of Krishna water to augment drinking water supply to Chennai City.

As per the 10th meeting of the Standing Committee of the Southern Zonal Council held at Bengaluru on 28th November 2017, a Committee was constituted by MoWR, GoI to ensure supply of Krishna water to augment the drinking water supply to Chennai city. The Order dated 5th October, 2018 for constitution of the Committee is enclosed as **Annexure – IV**.

- I. Relevant extracts of the agreements of 1976 and 1977 among Maharashtra, Karnataka, erstwhile Andhra Pradesh, Tamil Nadu and Union Ministry of Agriculture and Irrigation-
 - (i) “Maharashtra, Karnataka and erstwhile Andhra Pradesh agree to spare 5 TMC each during the period from 1st July to 31st October of every year” towards drinking water supply to Chennai city.
 - (ii) Government of Tamil Nadu shall be permitted to draw not more than 15 TMC in a water year from Srisailam reservoir during the period 1st July to 31st October.
- II. Relevant extracts of the agreement of 1983 between erstwhile Andhra Pradesh and Tamil Nadu - Andhra Pradesh shall ensure to provide 8 TMC during the period from July to October and 4 TMC during the period from January to April.

During the water year 2023-24, a total quantity of 3.603 TMC has been realized at AP-TN border from 01.06.2023 to 31.05.2024.

CHAPTER-6

ADMINISTRATIVE MATTERS

6.1 Regulations

As per Section 88 of the APR Act, 2014, the Board may make regulations consistent with the Act and the rules made thereunder, to provide for -

- a) regulating the time and place of meetings of the Board and the procedure to be followed for the transaction of business at such meetings;
- b) delegation of powers and duties of the Chairman or any officer of the Board;
- c) the appointment and regulation of the conditions of service of the officers and other staff of the Board;
- d) any other matter for which regulations are considered necessary by the Board.

Accordingly, Krishna River Management Board (KRMB) prepared the draft Working Manual including the rules required for day to day functioning of the Board, procedures for transaction of business, conduct meetings, staff requirement, etc.

A draft Working Manual of KRMB after receiving comments on earlier draft from both the State Governments was placed in the 10th Board meeting of KRMB held on 09.08.2019 and as agenda item 11.5 in 11th Board meeting held on 09.01.2020 also. A decision was taken to hold joint meeting of both the Boards i.e., KRMB and GRMB exclusively to discuss the issue of finalization of the Working Manual.

The Working Manual of KRMB 2019 was kept as Agenda 11.5 in 11th Board meeting held on 09.01.2020 and it was decided to hold a joint meeting of both the Boards (i.e., KRMB and GRMB) to specifically discuss the issue of finalization of the Working Manual.

6.2 KRMB Web Site

The website of Krishna River Management Board (KRMB) is being hosted in the servers of National Informatics Centre (NIC) with the domain name as “**krmb.gov.in**”. All the stakeholders of project authorities are required to upload the daily data of reservoir inflows and outflows in this website. The same is considered in the preparation of water usage account of both the States.

6.3 e-Governance

The goal of e-governance is to offer a variety of information to citizens in an efficient and economical manner and to strengthen the relationship between Government and citizens using technology. The Government of India has initiated many Digital India Components.

The following Digital India Components have been adopted by KRMB:

e-Procurement: The Government initiated to commence e-Procurement of all procurements made with minimum tender value limit of Rs.2.00 lakhs w.e.f. 01.04.2016. Accordingly, the process of e-Tendering through <https://eprocure.gov.in/> is followed by KRMB.

e-Samiksha Software: e-Samiksha is a real time online system for monitoring of follow-up action on the decisions taken in meetings held in the cabinet secretariat. Monthly reports on activities performed and updations regarding e-Samiksha are being furnished to Ministry of Jal Shakti.

Government e-Marketplace (GeM): GeM is a one stop portal to facilitate online procurement of common usage Goods & Services required by various Government Departments/ Organisations/ PSUs. GeM aims to enhance transparency, efficiency and speed in procurement. The purchases through GeM by Government users have been authorized and made mandatory by Ministry of Finance by adding a new Rule No. 149 in the General Financial Rules, 2017. Since then the procurement for Goods and Services are being carried out in KRMB through the GeM.

Legal Information Management & Briefing System (LIMBS): LIMBS is to create a national portal of all cases pending in various courts/ tribunals as a part of the e-Governance initiative. Once completed, information relating to all court/ tribunal cases being handled by the various ministries/ departments and other organisations of the Government of India will be available on a single web-based online application. The KRMB has been uploading data from the year 2018 onwards in the LIMBS web site.

6.4 Infrastructure/Office Accommodation

Infrastructure/ Office accommodation for the Board was provided by Govt. of Telangana in the 5th floor of Jalasoudha Building, Errum Manzil, Hyderabad.

CHAPTER-7

FINANCIAL MATTERS

7.1 Budgetary Funds

In pursuance of Section 86(2) of the APR Act, 2014, Govt. of AP and Govt. of TS shall at all times provide the necessary funds to the Board to meet all the expenses required for the discharge of its functions and such amounts shall be apportioned between the States concerned in such proportion as the Central Government may, having regard to the benefits to each of the said States, specify.

Initially, the expenditure incurred in respect of KRMB were processed by GoAP through PAO, Vijayawada under HOD, Chief Engineer, Krishna Delta System, Vijayawada. However, certain difficulties were faced for timely settling of the bills (including salary bills) through this process.

Hence in the 3rd meeting of the Board held on 16th December, 2015, it was resolved to delegate full powers to Chairperson to operate the approved budget both for works as well as establishment components. He can delegate the powers to extent required to Member Secretary. The Board also ratified the extent of delegation to Member Secretary for an amounting to Rs. 20 Lakh. It was decided that both the States shall deposit the Budget funds and thus Board should be made financially independent.

During the 6th meeting of the Board held on 22nd August 2017, Board has decided to have a reserve fund of at least Rs.10.00 crore. It was decided that the Board may gradually built up the reserve fund out of savings from the approved/ allocated fund subject to maximum of Rs.1.00 crore per year.

In the 8th meeting of the Board held on 6th June, 2018, to avoid the process of apportionment of share of expenditure between both the States and reimbursement to AP, which is time taking, it was agreed that both the State Governments will share the Budget estimate approved by the Board in equal proportion (50:50) from the Financial Year 2018-19 onwards.

However, in the 9th meeting of the Board held on 16th October, 2018, on request of the Chief Secretary, GoTS, it was decided that AP State shall release full budget requirement of KRMB quarterly. GoTS would subsequently reimburse 50% of its share through KRMB for proper accounting. With this, the decision of previous meeting of the Board stands superseded.

During the 14th meeting of Board held on 01.09.2021, it was decided to create a corpus fund of Rs. 10.00 Cr within five years and that both the States shall release each to KRMB immediately along with budget share as there is likely to have shortage of money even for payment of salaries of Board employees.

During the 17th meeting of Board held on 10.05.2023, the Board approved the budget estimate for the year 2023-24 for an amount of Rs. 23.50 crore. Further, it was decided that both the States will release to KRMB their respective share of Rs. 11.75 crore (in the budget of 2023-24) by June, 2023. It was also decided that GoTS will release its balance share of Rs. 185.54 lakh so as to equalize its share with the contribution made by GoAP up to 2021-22.

The saving bank account shall be operated independently by the Board Secretariat, as Chairperson is fully authorized to use the amount for the identified tasks. He can delegate the operation of the finances within the Board Secretariat.

All transactions shall be done jointly under two signatures. The two signatories Director (Finance) and Drawing & Disbursing Officer.

The unutilized funds at the end of the year are non-lapsable and shall be adjusted in the subsequent year.

The Board Secretariat shall place the annual account of expenses before the Board. The accounts of the Board are subjected to audit as per provisions of the State/ Central Government.

During F.Y. 2023-24, no funds were released by GoTS and Rs. 6.70 Crores was released by GoAP. The details of budget estimate, funds released and expenditure incurred by the Board during financial year 2023-24 are given as below:

The Details of Budget Estimate, funds received and expenditure incurred during the Financial Year 2023-24.

(Rs. in Lakhs)

Sl. No	Particulars	Amount
I.	Budget Estimate approved by Board during 2023-24	2350.00
II.	Funds received during 2023-24 from GoAP	670.00
III.	Expenditure during 2023-24 (Un audited exp.)	917.05

Note: One time grant-in-aid of Rs.1.00 Crore was received as initial amount to be reimbursed by the Board on receipt of funds from the State Government of Andhra Pradesh and Telangana vide MoWR, RD&GR Letter no: R.160011/8/2014-Pen.Riv/009 dated 16.12.2014.

7.2 Procurement

KRMB procures all necessary items through Government-e-Marketplace (GeM) and Local Market.

The major items procured direct through Government e Marketplace during the financial year 2023-24 were Desk tops, Laptops, Printers, Xerox Machines, Refrigerators etc.

7.3 Audit

KRMB is not operating the Head of accounts of both the States directly. However, the accounts of KRMB for the financial years 2014-15, 2015-16, 2016-17, 2017-18, 2018-19, 2019-20, 2020-21, 2021-22 were audited by the Indian Audit and Accounts Department, O/o Principal Director of Audit (AF&WR), Chennai Branch Office, Chetpet, Chennai. The Final report for the years 2014-15, 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20 were received.

CHAPTER-8

TECHNICAL ACTIVITIES

8.1 Water Management

Arrangements of water sharing between Andhra Pradesh and Telangana

A tentative distribution of water between Government of Andhra Pradesh and Government of Telangana in Krishna basin was agreed in a meeting held on 18th - 19th June, 2015 at New Delhi under the Chairmanship of Additional Secretary, MoWR, RD & GR (A copy of the minutes of the meeting is at **Annexure - V**). The issues related to regulation of water use by Krishna River Management Board (KRMB) between Andhra Pradesh and Telangana State were also discussed. The meeting was attended by Principal Secretary, Water Resources Department of Government of Andhra Pradesh and Principal Secretary, I & CAD Dept., Government of Telangana.

In the meeting, it was agreed to share the quantity of 811 TMC (allocated enbloc by KWDT for utilization in various projects to erstwhile State of Andhra Pradesh) as 298.96 TMC for Telangana and 512.04 TMC for Andhra Pradesh. It was agreed that for current year the quantity of water available after allocation of 811 TMC would be shared proportionately. Similarly, the deficit below 811 TMC would also be shared accordingly. The ratio works out as 63.13 : 36.87 between Andhra Pradesh and Telangana States.

It was also agreed in the meeting held on 18th - 19th June, 2015 that a Three Member Committee comprising of Engineers-in-Chief of both the States and Member Secretary of KRMB would assess the availability of water from time to time and requirements raised by the concerned State and accordingly decide the release of water to both the States. The decision taken by KRMB shall be implemented by the concerned State project authorities.

During the first Apex Council Meeting held on 21.09.2016, both the States agreed for continuation of working arrangement of sharing of water for 2015-16 and for the year 2016-17 also.

In the 7th meeting of the Board held on 04.11.2017, the Board decided to share the Krishna water in the ratio of 66:34 for AP and TS for the water year 2017-18.

Thereafter, the ratio of 66:34(AP:TS) has been adopted for the water years 2018-19, 2019-20, 2020-21, 2021-22 & 2022-23.

During 17th meeting of the Board, Principal Secretary, GoAP requested the Board to continue current arrangement of sharing of water at the ratio (66:34) (AP: TS) for the water year 2023-24. However, Special Chief Secretary, GoTS did not agree for sharing of Krishna water at the ratio of 66:34 (AP: TS) and asked sharing of Krishna water in the ratio of 50:50.

Due to divergent views of Andhra Pradesh and Telangana consensus are not arrived for sharing of water in Krishna Basin for the water year 2023-24.

After detailed deliberations, the Board decided to refer the matter to DoWR, RD & GR for decision by the Apex Council. Further Board expressed that in absence of consensus for sharing of water for the current water year 2023-24, working arrangement can be made by Three Member Committee according to the water requirements of the both the States as and when required.

8.2 Water use Account

Water utilisation by both the States during water year 2023-24.

Utilisations in Krishna Basin:

In Krishna basin, during water year 2023-24, the total utilisation by both the States is 332.917 TMC out of which utilisation of Andhra Pradesh is 211.790 TMC and utilisation of Telangana State is 121.127 TMC.

Utilisations in two common reservoirs:

During water year 2023-24, 155.493 TMC of water was drawn by both States from the two Common Reservoirs namely Neelam Sanjeeva Reddy Sagar Srisailam and Nagarjuna Sagar Project. Out of this 84.94 TMC was drawn from Srisailam reservoir and 70.553 TMC was drawn from Nagarjuna Sagar. Canal/Scheme-wise Drawls of water by Andhra Pradesh and Telangana from two Common Reservoirs is enclosed at Annexure VI.

The Reservoir levels and Storages during the year 2023-24 in respect of Srisailam and Nagarjuna Sagar Projects are indicated in **Plate-I & Plate-II**.

8.3 Implementation of Telemetry System under Krishna River Management Board

Phase-I:

Krishna River Management Board has taken up the implementation of Telemetry system as per the decision taken in the MoWR, RD & GR meeting held on 21st - 22nd June, 2016 and 1st meeting of the Apex Council held at New Delhi on 21st September, 2016 to have real time data of inflows and outflows of various projects of Andhra Pradesh and Telangana in Krishna basin.

KRMB has installed 18 numbers of Telemetry stations in Phase-I at various locations of Jurala, Srisailam, Nagarjuna Sagar projects as detailed below:

Sl. No.	Name of the Telemetry station	Type of sensor	Field Division AP / TS in charge of the station
1	AMRP Lift Scheme at Km 1.10 of Link canal connecting to Akkampalli Balancing Reservoir	Level sensor	AMR SLBC Division, Angadipeta.
2	Nagarajuna Sagar Project (NSP) Dam at Diversion Tunnel Intake Tower		Dam Maintenance Division, Hill colony, NSP Dam
3	NSP Right Bank Canal at Km 0.44 of Head Regulator	Level cum Velocity Sensor	Monitoring division, Lingamuntla
4	NSP Left Bank Canal near entry point of water in tunnel		NSC Monitoring Division, Tekulapally, Khammam
5	Palair Reservoir upstream of intake structure at Km 136.345 of NSP LBC		
6	Palair Reservoir Off take at Km 0.20 downstream of confluence of NSLC and Power House outlet	Level sensor	
7	NSP LBC Km 101.362 at Andhra Pradesh Telangana Border	Level sensor	NSLBC O&M Division, Nuzvid
8	Mahatma Gandhi Kalwakurthy LI Scheme (MGKLIS) at Cistern	Level sensor	MGKLIS Division-1, Nagarkurnool, Mahaboobnagar
9	Srisailam Reservoir near Block 17/18		Dam Maintenance Division, NSRSSP
10	At SLB @ Km. 12.265 of SRMC of Pothireddypadu Head Regulator	Level cum Velocity Sensor	TGP Distributory Division-1, Nandyal

11	Handri Niva Sujala Sravanthi (HNSS) LI Scheme near Culvert at Km (-) 1.62 of old pump house		Division-02, HNSS, WRD, Kurnool
12	Jurala Reservoir	Level sensor	PJP Dam Division No.2, Nandimala
13	Jurala Right Main Canal near head regulator		PJP Execution Division No.2, Gadwal
14	Jurala Left Main Canal near head regulator		PJP Dam Division No.2, Nandimala
15	Jurala Left Parallel Canal near head regulator	Level sensor	RBL-II, HW & Canal Division, Sangambanda Camp, Makthal, Mahaboobnagar.
16	Bhima LI Scheme - I at lift point		
17	Koilsagar LI Scheme at lift point		
18	Nettampadu LI Scheme at lift point	Level cum Velocity Sensor	PJP Execution Division No.2, Gadwal

The 2 years warranty period of all the 18 Telemetry stations of Phase-I has been completed and all the 18 Telemetry stations are under 5 years AMC.

The remote data of all the 18 Telemetry stations is being received at Model Centre at KRMB, Hyderabad.



**Telemetry station on the U/s of Palair Reservoir
(Non-contact water level cum velocity sensor)**



Telemetry station at Srisaillam Reservoir (Non-contact water level sensor)



Telemetry station of Nagarjuna sagar Left canal at AP-TS Border
(Non-contact water level sensor)

8.4 Hydro Power

On Krishna river in both the States, hydro power plants are located at Priyadarshini Jurala, Lower Jurala, Srisailam Right Bank power house, Srisailam Left Bank power house, Nagarjuna Sagar Dam power house, Nagarjuna Sagar Right Canal power house, Nagarjuna Sagar Left Canal power house, Nagarjuna Sagar Tail Pond power house and Pulichintala power house. The Details of Hydro Power Projects on Krishna River in the States of Andhra Pradesh and Telangana are given at **Annexure - VII** in the order of location from upstream to downstream. At present, these are operated by the concerned States based on the geographical location of the plants.

In the meeting taken by Additional Secretary, MoWR, RD & GR, New Delhi on 18th – 19th June, 2015 both States agreed that while making releases for power generation the committed utilizations for Nagarjuna Sagar and Srisailam Reservoir as mentioned in the **Appendix to Annexure - V** may be ensured.

Hydro Power Generation (million units) of various Power Plants on the Krishna River during the water year 2023-24 is given in the following table:

(In Million Units)

Month	Priyadarshini Jurala	Lower Jurala	Srisaillam RB	Srisaillam LB	NS Dam	NS RBC	NS LBC	NS Tail pond	Pulichintala
Jun-23	0.00	0.20	0.022	0.00	48.00	0.00	0.00	0.00	8.90
Jul-23	26.908	26.277	0.05	1.661	53.648	0.00	0.00	0.00	15.742
Aug-23	43.42	48.34	0.5	141.80	49.54	0.00	0.00	0.267	20.52
Sep-23	26.97	30.50	0	29.76	45.48	0.00	0.00	0.00	4.21
Oct-23	3.84	5.14	0	79.48	39.82	0.00	0.00	0.00	17.89
Nov-23	0.00	0.36	0	17.23	27.44	0.00	0.00	0.028	8.99
Dec-23	0.00	0.28	0.019	30.27	60.84	0.00	0.00	0.012	0.00
Jan-24	0.00	0.16	0	10.24	74.72	0.00	0.00	0.00	6.20
Feb-24	0.00	0.00	0	0.98	37.62	0.00	0.00	0.021	0.00
Mar-24	0.00	0.00	0	0.00	20.31	0.00	0.00	0.012	0.00
Apr-24	0.00	0.00	0	0.00	7.18	0.00	0.00	0.547	0.00
May-24	0.00	0.00	0.012	0.00	0.00	0.00	0.00	0.00	0.00
Total	101.138	111.257	0.603	311.421	464.598	0.000	0.000	0.887	82.452

The water utilization during the year 2023-24 in respect of Srisaillam and Nagarjuna Sagar Projects for power generation are given in **Plate-III & Plate-IV**.

8.5 Regulation of Power Generated from Interstate Projects

As per Section 85(8)(b) of the APR Act, 2014, KRMB is required to undertake regulation of supply of power generated to the authority in-charge of the distribution of power having regard to any agreement entered into or arrangement made covering the Government of the existing State of Andhra Pradesh and any other State or Union territory.

There is a separate “Tungabhadra Board” constituted by the President of India in exercise of the powers vested under sub section (4), Section 66 of the Andhra Pradesh State Act, 1953 for completion of the Tungabhadra Project and its operation and maintenance.

Tungabhadra Interstate Power Project has two Inter-State power houses (namely Hampi power house – 4 x 9 MW and Tungabhadra dam power house – 4 x 9 MW) on Tungabhadra river. The power produced was shared by the States of Karnataka and undivided Andhra Pradesh.

CHAPTER-9

PARLIAMENT QUESTIONS, RTI, VIP REFERENCES, CAPACITY BUILDING AND COURT CASES

9.1 Parliamentary Questions

During the year 2023-2024, KRMB furnished relevant information/ inputs to the Ministry of Jal Shakti, Department of Water Resources, RD&GR for preparation of replies to seven (7) Parliament Questions (Lok Sabha and Rajya Sabha).

9.2 RTI

For implementing RTI Act, 2005 in KRMB, the Superintending Engineer-I was designated as Central Public Information Officer (CPIO) for Krishna River Management Board and the Member Secretary was designated as Appellate Authority.

During the year 2023-24, Krishna River Management Board has received forty (40) RTI applications from various persons/organisations and replies have been sent to all the applicants.

9.3 VIP References

KRMB has furnished relevant material to the Ministry of Jal Shakti, Department of Water Resources, RD&GR for replying to five (5) VIP references received during the year 2023-24.

9.4 Capacity Building (Training/ Conference/ Seminar/ Workshops/ Meetings)

e-governance Training program: Offline Training for all officials/ staff of Krishna River Management Board(KRMB) about the Implementation of e-office was organized from 17.01.2024 to 19.01.2024.

An awareness programme on the Sexual Harassment of Women at Workplace (under Prevention, Prohibition and Redressal Act, 2013) was conducted on 08.12.2023. During the programme, Smt T. Vijaya Laxmi, NGO member, ICC has delivered a lecture on overview of the need and provisions of the Act, 2013. Further, Smt T.V. Subhashini, SAO AG Office, Hyderabad has explained about the challenges faced by women in work place.

9.5 Court Cases

During the Water year 2023-2024, 1 case was filed in the Hon'ble Supreme Court of India. The details of the case are as below.

Common Counter Affidavit on behalf of Union of India and Krishna River Management Board was filed in respect of Writ Petition (Civil) No. 772/2021 and I.A. No. 189402/2022 filed by the State of Andhra Pradesh v/s Union of India and others in Hon'ble Supreme Court of India.

CHAPTER-10 OTHER ACTIVITIES

10.1 International Day of Yoga

On the occasion of “International Day of Yoga” on 21.06.2023, a Yoga session was organized in Krishna River Management Board (KRMB) at 4th floor of Jalasoudha Building, Errumanzil, Hyderabad. During the session, Yoga instructor Smt. Y. Usha Lakshmi, Gandhi Gyan Mandir Yoga Kendra, Koti, Hyderabad, Telangana explained the importance of yoga in the modern day life style and conducted practice session on various Yoga Asanas along with the Mudras, Pranayama and Meditation etc.

Photos of the event are given below:



All the staff of KRMB and GRMB practicing yoga asana



Shri Shiv Nandan Kumar, Chairman, KRMB and Dr. Mukesh Kumar Sinha, Chairman, GRMB



Members and Engineers of KRMB practicing meditation during yoga session



Officers of KRMB during yoga session



Felicitation of Yoga masters by Chairman of KRMB and GRMB



Chairman, Member Secretary, Member (P), Member and other officials/ staff of KRMB and GRMB participating in Yoga

10.2 Hindi Pakhwada

The Krishna River Management Board (KRMB) was organized Hindi Pakhwada during 14th to 29th September, 2023. The list of activities carried out during this period is given below along with the photos.

- KRMB organized an Enlightening Celebration on Hindi DIWAS and Inauguration of Hindi Pakhwada-2023 to mark the need, uses, importance and virtue of our Rajbhasha Hindi.
- Hindi Good Handwriting
- Hindi Speech Competition
- Hindi Essay Writing
- Hindi Songs Antakshari
- Quiz on Hindi Diwas
- During the Closing ceremony of Hindi Pakhwada-2023, Shri Shiv Nandan Kumar, Chairman, KRMB congratulated all the prize winners and distributed prizes. Shri D. M. Raipure, Member Secretary, KRMB explained about Hindi Diwas and appreciated the zeal of all the participants. Shri Ajay Kumar Gupta, Member, KRMB and Shri L. B. Muanthang, Member (Power), KRMB congratulated all the prize winners and appreciated all the Officials and Staff of KRMB for their determination and hard work.





Inauguration of Hindi Pakhwada-2023 and Hindi Diwas on 14th September, 2023



Officials of KRMB taking Hindi pledge



KRMB officials participating in Hindi quiz



Teams of Hindi Quiz A, B, C and D

10.3 Vigilance Awareness Week

In pursuant to the DoWR, RD&GR, MoJS, letter No. C-31018/5/2023-VIG Dt: 13.09.2023, the Three-Month Campaign from 16th August, 2023 to 15th November, 2023 as a prelude to Vigilance Awareness Week-2023 and the Vigilance Awareness Week from 30th October, 2023 to 5th November, 2023 was observed in Krishna River Management Board (KRMB) with the following activities performed during the Vigilance Awareness Week, 2023.

- Seminar on Awareness building on PIDPI resolution i.e. “the provisions of PIDPI resolution, the correct way of filing a PIDPI complaint and the common pitfalls/ mistakes made while filing a PIDPI complaints” by Shri B. Vishwanath, Chief Vigilance Officer(CVO) of National Mineral Development Corporation (NMDC).
- Conducted Vigilance Awareness Week-2023 outreach program for spreading awareness in public by messages/posting banners on social media platforms like Website, Facebook, Twitter, WhatsApp and Instagram of KRMB.
- Capacity Building program on Public Procurement cyber hygiene and security. Guidelines have been circulated via email to all the KRMB staff.
- “Integrity pledge” was taken by all the officers and staff of the Krishna River Management Board.
- Displayed slogans and banners in the office premises of KRMB.
- Vigilance Awareness procession by all the officers and staff of KRMB around the Jalasoudha building premises and near Errum Manzil Metro station by displaying banner and placards.



Shri D. M. Raipure, Member Secretary, KRMB (L) and Shri L. B. Muanthang, Member (Power), KRMB (R) welcoming Shri B. Vishwanath, Chief Vigilance Officer (CVO) of National Mineral Development Corporation (NMDC)



All the officials and staff of KRMB participated in Seminar on PIDPI



Shri D. M. Raipure, Member Secretary, KRMB and Shri L. B. Muanthang, Member (Power), KRMB felicitating Shri B. Vishwanath, Chief Vigilance Officer (CVO) of National Mineral Development Corporation (NMDC)

10.4 Swachhata Hi Seva Pakhwada

On the occasion of “Swachhata Hi Seva Pakhwada” from 15.09.2023 to 02.10.2023, Krishna River Management Board (KRMB) organized the following activities in the office premises of KRMB at Jalasoudha Building, Errummanzil, Hyderabad.

- Swachhata Pledge by all the officials and staff of KRMB.
- Cleanliness in Office premises and adjacent areas.
- Pledge for SUP (single use plastic) ban.
- Displaying posters in the office premises of KRMB about plastic free India.
- Collection of Plastic Waste in and around KRMB office premises.

Photos related to “Swachhata Hi Seva Pakhwada”

Swachhata Pledge on 25.09.2023:



All the KRMB officials and staff taking Swachhata Pledge

Cleanliness in Office premises and adjacent areas on 26.09.2023



All the KRMB officials and staff participating in Cleanliness drive in Office premises and adjacent areas of KRMB



Shri D.M. Raipure, Member Secretary, KRMB and Shri L.B. Muanthang, Member (Power), KRMB participating in Cleanliness drive in Office premises of KRMB.

Pledge for SUP (single use plastic) ban on 27.09.2023



Shri D.M. Raipure, Member Secretary, KRMB administering oath and Shri L.B. Muanthang, Member (Power), KRMB explaining about single use plastic and the disadvantages of its usage.



KRMB officials and staff taking oath against single use plastic

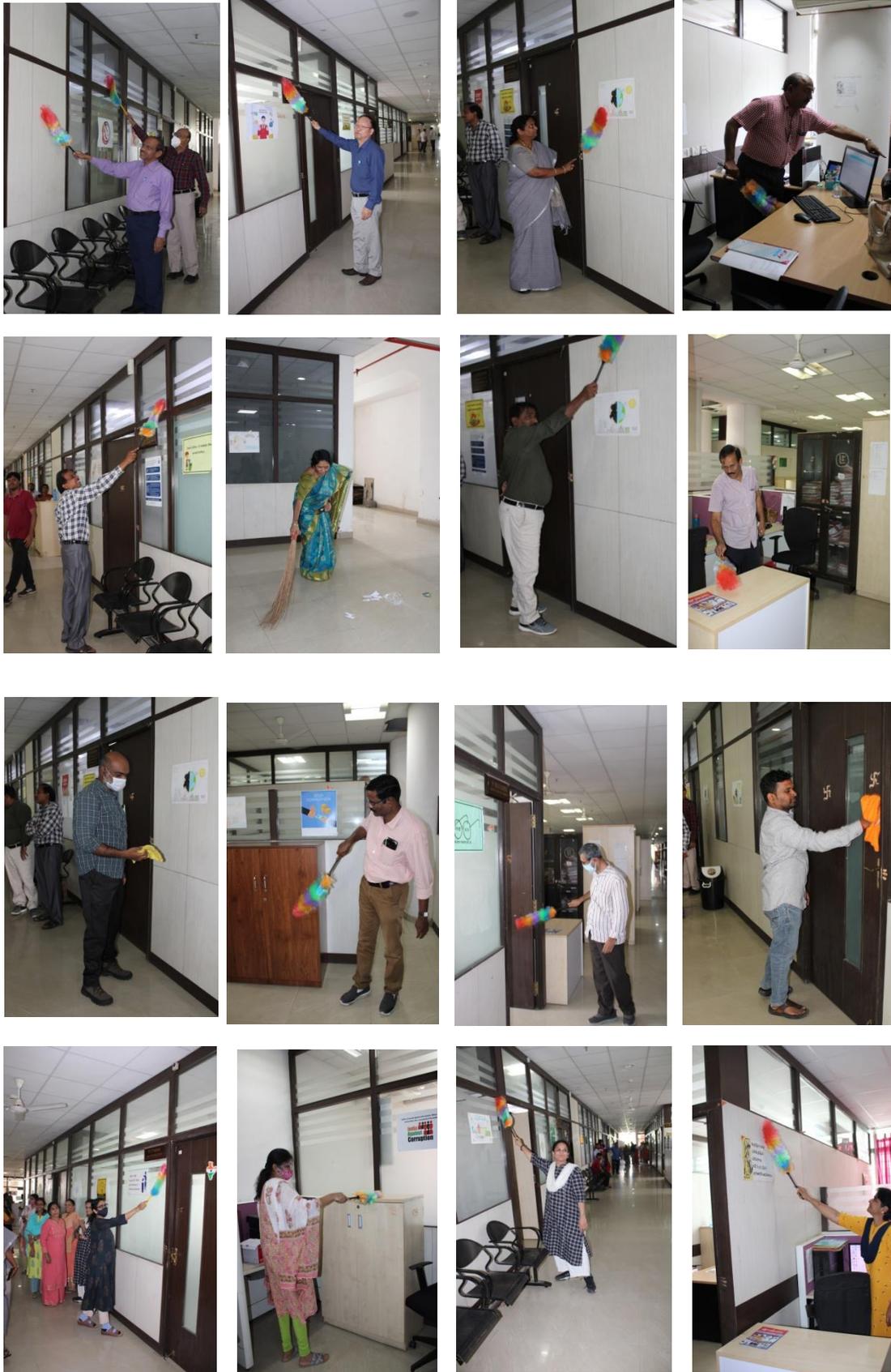
Collection of Plastic Waste in and around KRMB office premises on 01.10.2023



Active participation of KRMB officials and staff in the Collection of Plastic Waste in and around KRMB office premises



Active participation of KRMB officials and staff in the Collection of Plastic Waste around in and KRMB office premises



All officials and staff of KRMB participating in cleaning activity

10.5 Swachhta Pakhwada

As per direction of MoJS, DOWR, RD&GR, Lr. No. B-11011/2/2022-General Admin-MoWR, Dt: 17.01.2024 the following activities were performed during Swachhta Pakwada from 16th to 31st March, 2024 in Krishna River Management Board.

- Inauguration of Swachhta Pakhwada-2024 with Swachhta Pledge, displaying banners and posters in office premises.
- Selfie Booth for selfies.
- Swachhta rally in and around Jalasoudha Building, Hyderabad.
- World Water Day.
- Special Cleaning of Irrigation tank.
- Use of Social Media.
- Closing ceremony of Swachhta Pakhwada-2024.

Photos of Swachhta Pakwada observed from 16th to 31st March, 2024 in Krishna River Management Board.



Inauguration of Swachhta Pakwada-2024 by Shri Shiv Nandan Kumar, Chairman, KRMB



Swachhta Pledge was administrated by the members, officials and staff of KRMB



Selfie by Chairman, Member Secretary, Member (Power) and Officials at KRMB Selfie Booth



Selfie Booth clicks by KRMB officials and Staff.



Swachhta Pakhwada rally by KRMB employees near Irrum Manzil Metro Station and Jalasoudha building, Hyderabad



Swachhta Pakhawada rally by KRMB employees near heritage monument “Irrum Manzil palace”, Hyderabad



Work shop on World Water Day at KRMB.



Shri Shiv Nandan Kumar, Chairman, KRMB speech at Work shop on World Water Day in KRMB



KRMB employees participating in Work shop on World Water Day-24



Member Secretary, Member (Power) and Member of KRMB in the cleaning campaign at Jalagam Vengala Rao Park, Hyderabad



Officials and Staff of KRMB participating in cleaning campaign at Jalagam Vengala Rao Park, Hyderabad



**Officials and Staff of KRMB participating in the cleaning campaign
at water tank of Jalagam Vengala Rao Park, Hyderabad**



Officials and Staff of KRMB participating in clean of Jalagam Vengala Rao Park, Hyderabad

10.6 Field Visits

KRMB team comprising of Shri G. Srinivasa Rao, Executive Engineer(Power) and Smt P. Rama, Executive Engineer visited the Nagarjuna Sagar project along with the concerned officials of Government of Andhra Pradesh & Government of Telangana for inspection of Penstock Intake Gates(PIG). During the visit, PIG, pertinent mechanism, controls of NSRCPH & NSPH and control panels, cable system of RCHR are inspected. A joint meeting with the officials of Government of Andhra Pradesh, APGENCO and TSGENCO was conducted to receive the inputs and asses the maintenance requirements of PIG and pertinent mechanism.



KRMB officials meeting with the officials of Government of Andhra Pradesh, APGENCO and TSGENCO



KRMB officials field visit to Nagarjuna Sagar Dam along with officials of Government of Andhra Pradesh, APGENCO and TSGENCO



KRMB officials field visit to Nagarjuna Sagar Dam along with officials of Government of Andhra Pradesh, APGENCO and TSGENCO

रजिस्ट्री सं० डी० एल०—(एन)04/0007/2003—14

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भारत का राजपत्र The Gazette of India

असाधारण

EXTRAORDINARY

भाग II — खण्ड 1

PART II — Section 1

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

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No. 6] NEW DELHI, SATURDAY, MARCH 1, 2014/PHALGUNA 10, 1935 (SAKA)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

MINISTRY OF LAW AND JUSTICE

(Legislative Department)

New Delhi, the 1st March, 2014/Phalguna 10, 1935 (Saka)

The following Act of Parliament received the assent of the President on the 1st March, 2014, and is hereby published for general information:—

THE ANDHRA PRADESH REORGANISATION ACT, 2014

No. 6 OF 2014

[1st March, 2014.]

An Act to provide for the reorganisation of the existing State of Andhra Pradesh and for matters connected therewith.

BE it enacted by Parliament in the Sixty-fifth Year of the Republic of India as follows:—

PART I

PRELIMINARY

1. This Act may be called the Andhra Pradesh Reorganisation Act, 2014.

Short title.

2. In this Act, unless the context otherwise requires,—

Definitions.

(a) “appointed day” means the day which the Central Government may, by notification in the Official Gazette, appoint;

(b) “article” means an article of the Constitution;

(c) “assembly constituency”, “council constituency” and “parliamentary constituency” have the same meanings as in the Representation of the People Act, 1950;

43 of 1950.

(5) The report of the Andhra Pradesh Public Service Commission as to the work done by the Commission in respect of any period prior to the appointed day shall be presented under clause (2) of article 323 to the Governors of the States of Andhra Pradesh and Telangana and the Governor of the State of Andhra Pradesh shall, on receipt of such report, cause a copy thereof together with a memorandum explaining as far as possible, as respects the cases, if any, where the advice of the Commission was not accepted, the reasons for such non-acceptance to be laid before the Legislature of the State of Andhra Pradesh and it shall not be necessary to cause such report or any such memorandum to be laid before the Legislative Assembly of the State of Telangana.

PART IX

MANAGEMENT AND DEVELOPMENT OF WATER RESOURCES

Apex Council for Godavari and Krishna river water resources and their Management Boards.

84. (1) The Central Government shall, on and from the appointed day, constitute an Apex Council for the supervision of the functioning of the Godavari River Management Board and Krishna River Management Board.

(2) The Apex Council shall consist of—

(a) Minister of Water Resources, Government of India—Chairperson;

(b) Chief Minister of State of Andhra Pradesh—Member;

(c) Chief Minister of State of Telangana—Member.

(3) The functions of the Apex Council shall include—

(i) supervision of the functioning of the Godavari River Management Board and Krishna River Management Board;

(ii) planning and approval of proposals for construction of new projects, if any, based on Godavari or Krishna river water, after getting the proposal appraised and recommended by the River Management Boards and by the Central Water Commission, wherever required;

(iii) resolution of any dispute amicably arising out of the sharing of river waters through negotiations and mutual agreement between the successor States;

(iv) reference of any disputes not covered under Krishna Water Disputes Tribunal, to a Tribunal to be constituted under the Inter-State River Water Disputes Act, 1956.

33 of 1956.

Constitution and functions of River Management Board.

85. (1) The Central Government shall constitute two separate Boards to be called the Godavari River Management Board and Krishna River Management Board (to be known as the Board), within a period of sixty days from the appointed day, for the administration, regulation, maintenance and operation of such projects, as may be notified by the Central Government from time to time.

(2) The headquarters of Godavari River Management Board shall be located in the successor State of Telangana and of the Krishna River Management Board shall be located in the successor State of Andhra Pradesh.

(3) The Godavari River Management Board and Krishna River Management Board shall be autonomous bodies under the administrative control of the Central Government, and shall comply with such directions as may, from time to time, be given to them by the Central Government.

(4) Each Board shall consist of the following Chairperson and Members, namely:—

(a) a Chairperson not below the rank or level of Secretary or Additional Secretary to the Government of India to be appointed by the Central Government;

(b) two members, to be nominated by each of the successor States, of which one shall be the technical member not below the rank of Chief Engineer and the other administrative member to represent the concerned States;

(c) one expert to be nominated by the Central Government.

(5) Each Board shall have a full-time Member Secretary, not below the rank of Chief Engineer in the Central Water Commission, to be appointed by the Central Government.

(6) The Central Government shall create such number of posts of the rank of Chief Engineer in the Central Water Commission, as it considers necessary.

50 of 1968. (7) Each Board shall be assisted in the day to day management of reservoirs by the Central Industrial Security Force constituted under the Central Industrial Security Force Act, 1968, on such terms and conditions as the Central Government may specify.

(8) The functions of each Board shall include—

(a) the regulation of supply of water from the projects to the successor States having regard to—

33 of 1956. (i) awards granted by the Tribunals constituted under the Inter-State River Water Disputes Act, 1956;

(ii) any agreement entered into or arrangement made covering the Government of existing State of Andhra Pradesh and any other State or Union territory;

(b) the regulation of supply of power generated to the authority in-charge of the distribution of power having regard to any agreement entered into or arrangement made covering the Government of the existing State of Andhra Pradesh and any other State or Union territory;

(c) the construction of such of the remaining on-going or new works connected with the development of the water resources projects relating to the rivers or their tributaries through the successor States as the Central Government may specify by notification in the Official Gazette;

33 of 1956. (d) making an appraisal of any proposal for construction of new projects on Godavari or Krishna rivers and giving technical clearance, after satisfying that such projects do not negatively impact the availability of water as per the awards of the Tribunals constituted under the Inter-State River Water Disputes Act, 1956 for the projects already completed or taken up before the appointed day; and

(e) such other functions as the Central Government may entrust to it on the basis of the principles specified in the Eleventh Schedule.

86. (1) The Board shall employ such staff as it may consider necessary for the efficient discharge of its functions under this Act and such staff shall, at the first instance, be appointed on deputation from the successor States in equal proportion and absorbed permanently in the Board.

Staff of the
Management
Board.

(2) The Government of the successor States shall at all times provide the necessary funds to the Board to meet all expenses (including the salaries and allowances of the staff) required for the discharge of its functions and such amounts shall be apportioned between the States concerned in such proportion as the Central Government may, having regard to the benefits to each of the said States, specify.

(3) The Board may delegate such of its powers, functions and duties as it may deem fit to the Chairman of the said Board or to any officer subordinate to the Board.

(4) The Central Government may, for the purpose of enabling the Board to function efficiently, issue such directions to the State Governments concerned, or any other authority, and the State Governments, or the other authority, shall comply with such directions.

Jurisdiction of Board.

87. (1) The Board shall ordinarily exercise jurisdiction on Godavari and Krishna rivers in regard to any of the projects over headworks (barrages, dams, reservoirs, regulating structures), part of canal network and transmission lines necessary to deliver water or power to the States concerned, as may be notified by the Central Government, having regard to the awards, if any, made by the Tribunals constituted under the Inter-State River Water Disputes Act, 1956.

33 of 1956.

(2) If any question arises as to whether the Board has jurisdiction under sub-section (1) over any project referred thereto, the same shall be referred to the Central Government for decision thereon.

Power of Board to make regulations.

88. The Board may make regulations consistent with the Act and the rules made thereunder, to provide for—

(a) regulating the time and place of meetings of the Board and the procedure to be followed for the transaction of business at such meetings;

(b) delegation of powers and duties of the Chairman or any officer of the Board;

(c) the appointment and regulation of the conditions of service of the officers and other staff of the Board;

(d) any other matter for which regulations are considered necessary by the Board.

Allocation of water resources.

89. The term of the Krishna Water Disputes Tribunal shall be extended with the following terms of reference, namely:—

(a) shall make project-wise specific allocation, if such allocation have not been made by a Tribunal constituted under the Inter-State River Water Disputes Act, 1956;

33 of 1956.

(b) shall determine an operational protocol for project-wise release of water in the event of deficit flows.

Explanation.— For the purposes of this section, it is clarified that the project specific awards already made by the Tribunal on or before the appointed day shall be binding on the successor States.

Polavaram Irrigation Project to be a national project.

90. (1) The Polavaram Irrigation Project is hereby declared to be a national project.

(2) It is hereby declared that it is expedient in the public interest that the Union should take under its control the regulation and development of the Polavaram Irrigation Project for the purposes of irrigation.

(3) The consent for Polavaram Irrigation Project shall be deemed to have been given by the successor State of Telangana.

(4) The Central Government shall execute the project and obtain all requisite clearances including environmental, forests, and rehabilitation and resettlement norms.

Arrangements on Tungabhadra Board.

91. (1) The Governments of the successor States of Andhra Pradesh and Telangana shall replace the existing State of Andhra Pradesh on the Tungabhadra Board.

(2) The Tungabhadra Board shall continue to monitor the release of water to High Level Canal, Low Level Canal and Rajolibanda Diversion Scheme.

PART X

INFRASTRUCTURE AND SPECIAL ECONOMIC MEASURES

Successor States to follow principles, guidelines, etc., issued by Central Government.

92. The principles, guidelines, directions and orders issued by the Central Government, on and from the appointed day, on matters relating to coal, oil and natural gas, and power generation, transmission and distribution as enumerated in the Twelfth Schedule shall be implemented by the successor States.

रजिस्ट्री सं० डी० एल०-33004/99

REGD. NO. D. L.-33004/99



भारत का राजपत्र The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii)

PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

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नई दिल्ली, बुधवार, मई 28, 2014/ज्येष्ठ 7, 1936

No.1148]

NEW DELHI, WEDNESDAY, MAY 28, 2014/JYAISTHA 7, 1936

जल संसाधन मंत्रालय

अधिसूचना

नई दिल्ली, 28 मई, मई, 2014

का.आ. 1391(अ).—केन्द्रीय सरकार, आंध्र प्रदेश पुनर्गठन अधिनियम, 2014 (2014 का 6) की धारा 85 की उप-धारा (1), उप-धारा (4) और उप-धारा (5) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, कृष्णा नदी पर केन्द्रीय सरकार द्वारा समय-समय पर अधिसूचित की गई परियोजनाओं के प्रशासन, विनियमन, अनुरक्षण और प्रचालन के लिए कृष्णा नदी प्रबंध बोर्ड का गठन करती है, जो निम्नलिखित अध्यक्ष और सदस्यों से मिलकर बनेगा, अर्थात् :-

- | | | |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| (क) | केन्द्रीय जल अभियांत्रिकी (समूह 'क') सेवा से भारत सरकार के अपर सचिव स्तर का कोई अधिकारी | — अध्यक्ष |
| (ख) | उत्तरवर्ती राज्यों आंध्र प्रदेश और तेलंगाना द्वारा प्रत्येक से नामनिर्दिष्ट दो सदस्य, जिसमें एक तकनीकी सदस्य जो मुख्य अभियंता के रैंक से अन्यून नहीं होगा और अन्य प्रशासनिक सदस्य होगा, जो संबंधित राज्यों का प्रतिनिधित्व करेंगे | — सदस्य |
| (ग) | केन्द्रीय विद्युत अभियांत्रिकी (समूह 'क') सेवा से एक विशेषज्ञ | — सदस्य |
| (घ) | केन्द्रीय जल अभियांत्रिकी (समूह 'क') सेवा से एक अधिकारी, जो मुख्य अभियंता से अन्यून नहीं होगा | — सदस्य सचिव (पूर्णकालिक) |
| 2. | कृष्णा नदी प्रबंध बोर्ड का मुख्यालय हैदराबाद होगा । | |

[फा.सं. 1/1/2014—एसपीआर]

उर्विला खाती, संयुक्त सचिव

2202 GI/2014

(1)

MINISTRY OF WATER RESOURCES**NOTIFICATION**

New Delhi, the 28th May, 2014

S.O. 1391(E).—In exercise of the powers conferred by sub-sections (1), (4) and (5) of Section 85 of the Andhra Pradesh Reorganisation Act, 2014 (6 of 2014), the Central Government hereby constitutes the Krishna River Management Board for the administration, regulation, maintenance and operation of such projects on Krishna river, as may be notified by the Central Government from time to time, consisting of the following Chairperson and Members, namely:—

- | | | | |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------|
| (1) | An officer of the level of Additional Secretary to the Government of India from the Central Water Engineering (Group 'A') Service | - | Chairperson |
| (2) | Two members, to be nominated by each of the successor States of Telangana and Andhra Pradesh, of which one shall be the technical member not below the rank of Chief Engineer and the other administrative member to represent the concerned States | - | Members |
| (3) | One expert from the Central Power Engineering (Group 'A') Service | - | Members |
| (4) | An Officer not below the rank of Chief Engineer from the Central Water Engineering (Group 'A') Service | - | Member Secretary |
2. The headquarters of the Krishna River Management Board shall be at Hyderabad.

[F. No.1/1/2014-SPR]

URVILLA KHATI, Jt. Secy.

THE ELEVENTH SCHEDULE**[See section 85(8) (e)]*****Principles governing the functioning of the River Management Boards***

1. The operation protocol notified by the Ministry of Water Resources with respect to water resources arrived at based on appropriate dependability criteria after the adjudication by the Krishna Water Disputes Tribunal shall be binding on both the successor States.
2. In the event of conflicting demand of water for irrigation and power, the requirement of water for irrigation shall take precedence.
3. In the event of conflicting demand of water for irrigation and drinking water, the requirement of water for drinking water purpose shall take precedence.
4. The allocations made by the River Water Tribunals with regard to various projects on Godavari and Krishna Rivers or for the regions of the existing State of Andhra Pradesh, in respect of assured water shall remain the same.
5. Allocations, if any, to be made on excess flows by any Tribunal in future shall be binding on both the State of Telangana and the successor State of Andhra Pradesh.
6. While the successor State Governments shall be responsible for managing natural calamities, the Boards shall advise the two State Governments on the management of disaster or drought or flood in the rivers of Krishna and Godavari, particularly in reference to the release of water for the management and mitigation of the natural calamities. The Boards shall have the full authority to get their orders implemented by the two successor State Governments promptly and effectively in respect of operation of the head works of the dams, reservoirs or head works of canals and works appurtenant thereto including the hydel power projects, as notified by the Central Government, on Krishna and Godavari Rivers.
7. No new projects based on water resources arrived at based on appropriate dependability criteria on Godavari or Krishna rivers can be taken up by the State of Telangana or the State of Andhra Pradesh without obtaining sanction from the Apex Council on River water resources. All such proposals shall be first appraised and technically cleared by the respective Board, before sanction by the said Apex Council.

8. Execution of ongoing projects and future new projects on Godavari and Krishna rivers shall be the responsibility of the State Government concerned where the project is located.
9. In case of non-implementation of the decision by either of the States, the defaulting State shall bear the responsibility and shall face financial and other penalties imposed by the Central Government.
10. The following irrigation projects which are under construction shall be completed as per the plan notified by the existing State of Andhra Pradesh and the water sharing arrangement shall continue as such :-
 - (i) Handri Niva
 - (ii) Telugu Ganga
 - (iii) Galeru Nagiri
 - (iv) Venegondu
 - (v) Kalvakurthi
 - (vi) Nettempadu

File No.R-12011/7/2016-Pen.Riv.

F. No. R-12011/7/2016-Pen.Riv.
Government of India
Ministry of Water Resources,
River Development and Ganga Rejuvenation

353, Krishi Bhawan, New Delhi
Dated the 26th October, 2018

ORDER

Subject: Constitution of Committee to ensure supply of Krishna water to augment drinking water supply to Chennai city- reg.

In partial modification of this Ministry's Order of even number dated 07.09.2018, the Committee to ensure supply of Krishna water to augment drinking water supply to Chennai City is hereby re-constituted with following composition:-

- | | |
|----------------------------------------------------|--------------------|
| i. Chairman, KRMB | - Chairperson |
| ii. Engineer-in-Chief, WRD, Govt of Maharashtra | - Member |
| iii. Engineer-in-Chief, WRD, Govt of Karnataka | - Member |
| iv. Engineer-in-Chief, WRD, Govt of Tamil Nadu | - Member |
| v. Engineer-in-Chief, I & CAD, Govt of Telangana | - Member |
| vi. Engineer-in-Chief, WRD, Govt of Andhra Pradesh | - Member |
| vii. Chief Engineer, IMO, CWC | - Member |
| viii. Member Secretary, KRMB | - Member-Secretary |

2. Terms of Reference of the Committee, as earlier, are the following:-

- i. To evolve mechanism for accounting:
 - a. the flows to be supplied by the States of Maharashtra and Karnataka as per their shares: and
 - b. the flows to be supplied by the States of Telangana and Andhra Pradesh as per their shares to Chennai city water supply as per the interstate agreements so as to realize the agreed quantities of water at Andhra Pradesh - Tamil Nadu border.
- ii. To ensure drinking water supply of water to Chennai city as per the relevant interstate agreements.
- iii. The committee shall meet at least twice in a year in the months of June and December to ensure supply of 8TMC of water during July to October and 4 TMC of water during January to April to Chennai city.
- iv. The venue of the meeting shall be decided by the Chairperson of the Committee from time to time.


(A.C. MALLICK)

Under Secretary to the Govt. of India
Email: uspenriv-mowr@gov.in / ☎ 011-23383059

To

1. Chairman, Krishna River Management Board
2. Engineer-in-Chief, WRD, Govt of Maharashtra

File No.R-12011/7/2016-Pen.Riv.

3. Engineer-in-Chief, WRD, Govt of Karnataka
4. Engineer-in-Chief, WRD, Govt of Tamil Nadu
5. Engineer-in-Chief, I & CAD, Govt of Telangana
6. Engineer-in-Chief, WRD, Govt of Andhra Pradesh
7. Chief Engineer, IMO, CWC
8. Member-Secretary, KRMB

Copy to: Joint Secretary, Inter State Council Secretariat, Ministry of Home Affairs, Vigyan Bhawan, Maulana Azad Road, New Delhi.

Copy for information to :

1. PS to Minister (WR, RD & GR)
2. PS to Secretary (WR, RD & GR)
3. PS to Additional Secretary (WR, RD & GR)



(A.C. MALLICK)

Under Secretary to the Govt. of India

Email:uspenriv-mowr@gov.in / ☎ 011-23383059

Copy of Minutes of the Meeting Held on 18th - 19th June, 2015 to discuss the issues related to regulation of water by KRMB.

Brief record of the discussion of the meeting held on 18th - 19th June, 2015 to discuss issues related to regulation of water by Krishna River Management Board

1. A meeting was held on 18th and 19th June, 2015 under the Chairmanship of Additional Secretary, MoWR, RD & GR to discuss the issues related to regulation of water use by Krishna River Management Board between Andhra Pradesh and Telangana State. In addition to the officials of Ministry of Water Resources, River Development and Ganga Rejuvenation, officials from Government of Telangana and Andhra Pradesh and Krishna River Management Board were present in the meeting.
2. While welcoming the participants, Additional Secretary, MoWR, RD & GR requested the representatives of both the States to present their views in this regard.
3. The representative of Govt. of Andhra Pradesh requested to notify the projects for taking over under the jurisdiction of Krishna River Management Board urgently for the purpose of regulation of water. He also cited that at present the directives of the Board are not followed. Representative of the State of Telangana stated that before taking any decision regarding notification of projects and regulation of water, it is necessary that Broad principles of water regulation and an appropriate implementation mechanism are worked out. In this regard, he highlighted that as per KWDT - I award the erstwhile State of Andhra Pradesh has been allocated 811 TMC for utilization in various projects as enbloc. However, as per the arrangement/various decisions taken by the erstwhile State of Andhra Pradesh revised allocations in both the parts of the State came to be 512 TMC in Andhra Pradesh and 299 TMC in Telangana.
4. The representative of Andhra Pradesh contested that the share of Telangana is only 279 TMC and additional 20 TMC will be available to them for Bhima Lift Project only after the completion of modernization of Krishna Delta System. The representative of Telangana contended that revised allocations statement submitted by the erstwhile Andhra Pradesh before KWDT - II has to be adhered to by both the States.

5. It was agreed in the meeting that the figures of share of the two States as mentioned in the list of projects dated 18-10-2013 (appended herewith as Annexure) may be followed as the working arrangement for the current year only without prejudice to the rights of the two States about their entitlements which have been raised or to be raised before appropriate fora.
6. The representatives of both the States agreed that they may utilize their share of water wherever they decide subject to availability of water at that place and without affecting the rights of other State.
7. Thereafter, project related issues were discussed and following working arrangements for the water year 2015-2016 only were agreed as a temporary measure.

Nagarjuna Sagar Project

8. After detailed deliberations, it was agreed that the water share of both the States from this project would be as mentioned in the Annexure. KRMB would duly consider the requirements of both Andhra Pradesh as well as Telangana State as per existing practice while regulating the water of Left Bank Canal.
9. It was agreed that while considering the demands of two States the due priority would be given to the drinking water requirements of all the areas including the twin cities of Hyderabad and Secunderabad as per Schedule XI of the AP Reorganisation Act, 2014.

Krishna Delta System

10. As per the Tribunal award, 181.2 TMC of water has been allocated for Krishna Delta Project, i.e. Prakasham Barrage at Vijayawada. However, as per Annexure enclosed the share of Krishna Delta is 151.2 TMC.
11. The water requirements for Krishna Delta are met from intermediate contribution supplemented by NSP. In so far utilizable water yield downstream of Nagarjuna Sagar by Paleru, Munneru and Musi is concerned, Govt. of Andhra Pradesh stated that this is only 20 TMC. According to representative of Govt. of Telangana, this yield is 101.2 TMC. It was agreed that actual utilizable water from intermediate catchment may be taken into consideration by KRMB while determining releases to Krishna Delta.

The utilizable quantity of water from the intermediate catchment downstream of Nagarjuna Sagar would be assessed by the CWC for consideration of KRMB by taking the flow data from Musi, Paleru and Munneru Streams, storage in Pulichintala and measurement of actual discharges through the canals in Krishna Delta. That quantity shall be deducted from the total allocation and the same shall be supplemented through Nagarjuna Sagar Project for the irrigation and command of Krishna Delta System.

12. The representative of Govt. of Andhra Pradesh mentioned that the cost of Krishna Delta Modernization should be shared by Govt. of Telangana if 20 TMC of water is to be utilized for Bhima Project. Representation of Govt. of Telangana vehemently opposed this idea of cost sharing.
13. It was suggested that the water would be regulated at Nagarjuna Sagar Project duly considering the requirements of its Canal System and requirements of Krishna Delta System.

Srisaillam Reservoir Project

14. It was noted that there is 5 TMC requirement for Chennai Water Supply (AP and TS share) through Telugu Ganga Canal and another 19 TMC requirement for SRBC. It was agreed that while making releases for power generation the committed utilizations for Nagarjuna Sagar and Srisaillam Reservoir as mentioned above/in the Annexure may be ensured.

Implementation Mechanism

15. A Committee comprising of E-in-Cs of the two States and Member Secretary of KRMB would consider the indents raised by the project authorities keeping in view of the overall availability of water and requirements raised by the concerned project authorities and make recommendation to KRMB. The decision taken by KRMB shall be implemented by the concerned State project authorities.
16. The above mentioned Committee will also regulate the release of water through KC Canal, Jurala and RDS as mentioned in the Annexure.
17. It was agreed that for current year the quantity of water available after allocation of 811 TMC would be shared proportionately. Similarly, the deficit below 811 TMC would also be shared accordingly.

18. The entire arrangements agreed for the current year would be without any prejudice to the stand of both the States before any forum.

The meeting ended with a Vote of Thanks to the Chair.

Sd/- dt. 19.06.2015
A. N. DAS
Principal Secretary, WRD
Govt. of Andhra Pradesh

Sd/- dt. 19.06.2015
S. K. Joshi
Principal Secretary, I & CAD Dept.
Govt. of Telangana

Sd/- dt. 19.06.2015
Dr. Amarjith Singh
Additional Secretary
Ministry of WR, RD & GR

Andhra Pradesh and Telangana Projects in Krishna Basin

Sl. No.	Name of the Project	As per Bachawat Report	Re-allocation	Region-wise allocations			Total
				Rayalaseema	Coastal Andhra	Telangana	
1	2	3	4	5	6	7	8
I	Specific Projects in Region						
1	Krishna Delta	181.20	152.20	-	152.20	-	152.20
2	Muniyeru Project	3.30	3.30	-	3.30	-	3.30
3	Pakhal Lake	2.60	2.60	-	-	2.60	2.60
4	Wyra	3.70	3.70	-	-	3.70	3.70
5	Palair	4.0	4.0	-	-	4.0	4.0
6	Dindi	3.70	3.50	-	-	3.5	3.5
7	Kurnool-Cuddapah Canal	39.90	31.90	31.90	-	-	31.90
8	Koilsagar	3.90	3.90	-	-	3.90	3.90
9	Tungabhadra Right Bank Low Level Canal	29.50	29.50	29.50	-	-	29.50
10	Tungabhadra Right Bank High Level Canal Stage- I &II	32.50	32.50	32.50	-	-	32.50
11	Rajolibunda Diversion Scheme	15.90	15.90	-	-	15.90	15.90
12	Bhairavanitippa	4.90	4.90	4.90	-	-	4.90
13	Musi	9.40	9.40	-	-	9.40	9.40
14	Lankasagar	1.0	1.0	-	-	1.0	1.0
15	Vaikuntapuram Pumping Scheme	2.60	2.00	-	2.0	-	2.0
16	Kotipallivagu	2.0	2.0	-	-	2.0	2.0
17	Guntur Channel	4.0	4.0	-	4.0	-	4.0
18	Okachettivagu	1.90	1.90	-	-	1.90	1.90
19	Gajuladinne	2.0	2.0	2.0	-	-	2.0
20	Jurala	17.84	17.84	-	-	17.84	17.84

21	Water Supply to twin cities of Secunderabad and Hyderabad	3.90	5.70	-	-	5.70	5.70
22	Minor Irrigation	116.26	111.26	12.24	9.87	89.15	111.26
Total (I)		486.00	445.00	113.04	171.37	160.59	445.00
II	Common Projects						
23	Nagarjuna Sagar Project	281.00	280.00		174.30	105.70	280.00
24	Srisaillam(Evaporation losses)	33.00	33.00	11.00	11.00	11.00	33.00
25	Chennai city Water Supply		5.00	1.66	1.67	1.67	5.00
Total(II)		314.00	318.00	12.66	186.97	118.37	318.00
III	New Projects based on savings & return flows						
26	Srisaillam Right Branch Canal		19.00	19.00			19.00
27	Pulichintala Project		9.00		9.00		9.00
28	Rajiv (Bhima) Lift Scheme (from Jurala foreshore)		20.00			20.00	20.00
29	Return flows	11.00					
Total(III)		11.00	48.00	19.00	9.00	20.00	48.00
Total (I+II+III)		811.00	811.00	144.70	367.34	298.96	811.00

Note:

1. The above statement is prepared based on the location of the projects for which allocations are made by KWDT-I.
2. Hyderabad water supply scheme was taken up with consumptive use of 3.3 TMC by making reallocations of 0.2 TMC from Dindi Project, 0.6 TMC from Vykuntapuram P.S, 1.0 TMC from Nagarjuna Sagar Project and saving of 1.50 TMC out of 3.9 TMC towards water supply to twin cities. (Govt. of Andhra Pradesh Irrigation Dept G.O.Ms.No.19 dt: 05.02.2003).

3. Bhima Lift Irrigation project in Mahabubnagar District (20 TMC) and Pulichintala project (9 TMC towards evaporation losses) are taken up against the savings proposed by modernizing the Krishna Delta. (CWC approval vide 64th meeting of the Advisory Committee Letter No.10/27/96-PA (N)/502-550 dt: 16.04.1996).
4. Srisaïlam Right Branch Canal was taken up with the return flow of 11 TMC allocated by Bachawat Tribunal and 8 TMC by way of savings due to modernization of K.C Canal system. (CWC approval vide 58th meeting of the Advisory Committee letter no.16/27/94-PA (N) dt: 04.07.1994).
5. 5 TMC reallocated towards AP's contribution for Chennai water supply as per the Agreement dated 14.04.1976 among the Govt. of A.P., Karnataka and Maharashtra. This 5 TMC is shown equally among three regions out of minor irrigation allocations.
6. The evaporation loss of 33 TMC for Srisaïlam reservoir is shown equally among three regions.
7. The allocation of Nagarjuna Sagar Project is shown as per "Nagarjuna Sagar Project, Third Revised Project Estimate 2000" and the evaporation loss is included in proportion to allocations.

Yours faithfully,

Sd/- dt.18.10.2013

Chief Engineer (OSD), IS& WR
For Chief Engineer (OSD)/IS&WR

Annexure - VI

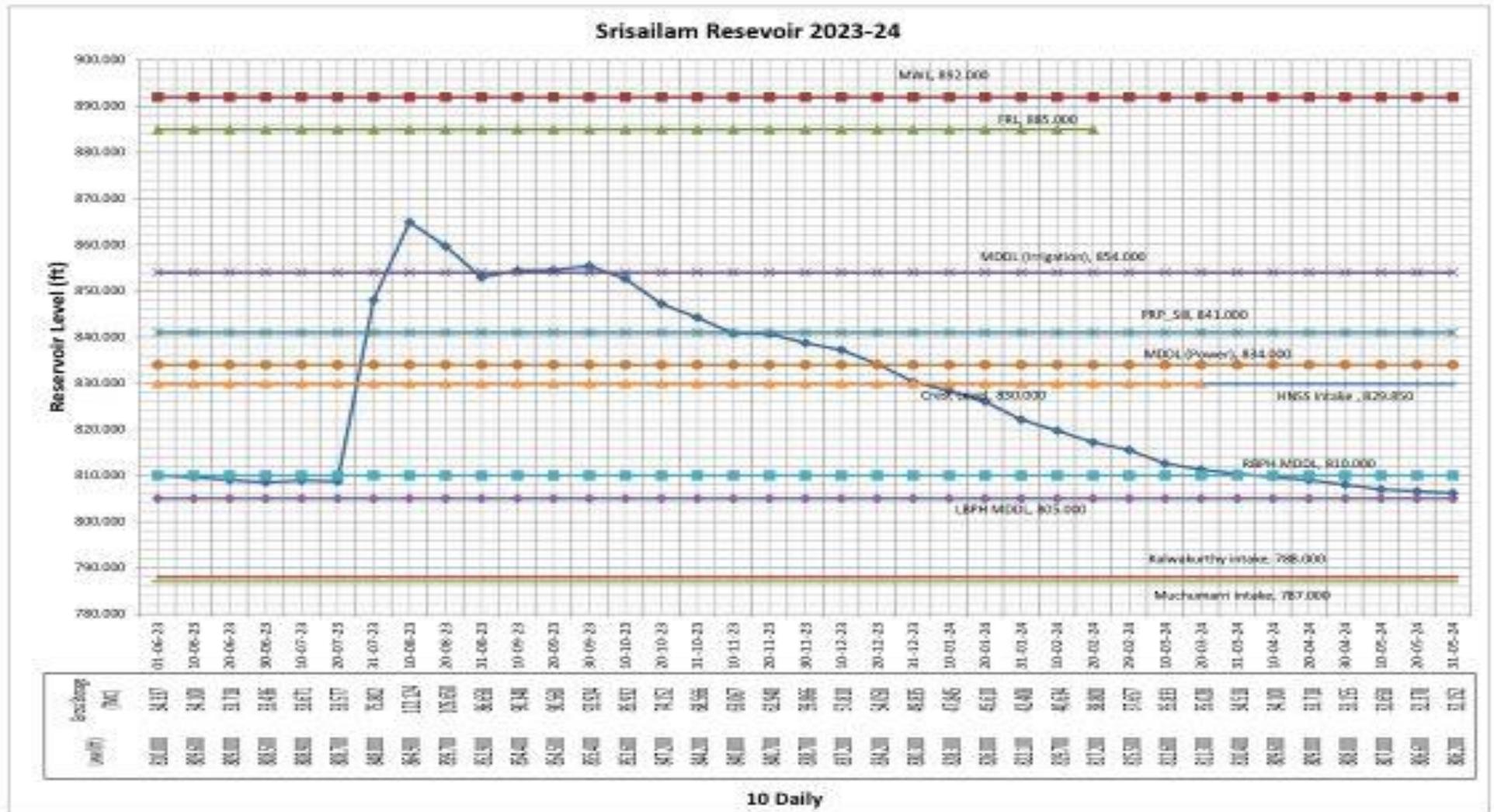
The Canal/ Scheme-wise Drawls of water from Major and Medium Projects (excluding Minor Projects) by Andhra Pradesh & Telangana States during period 2022-23 in TMC as per data available in KRMB office.

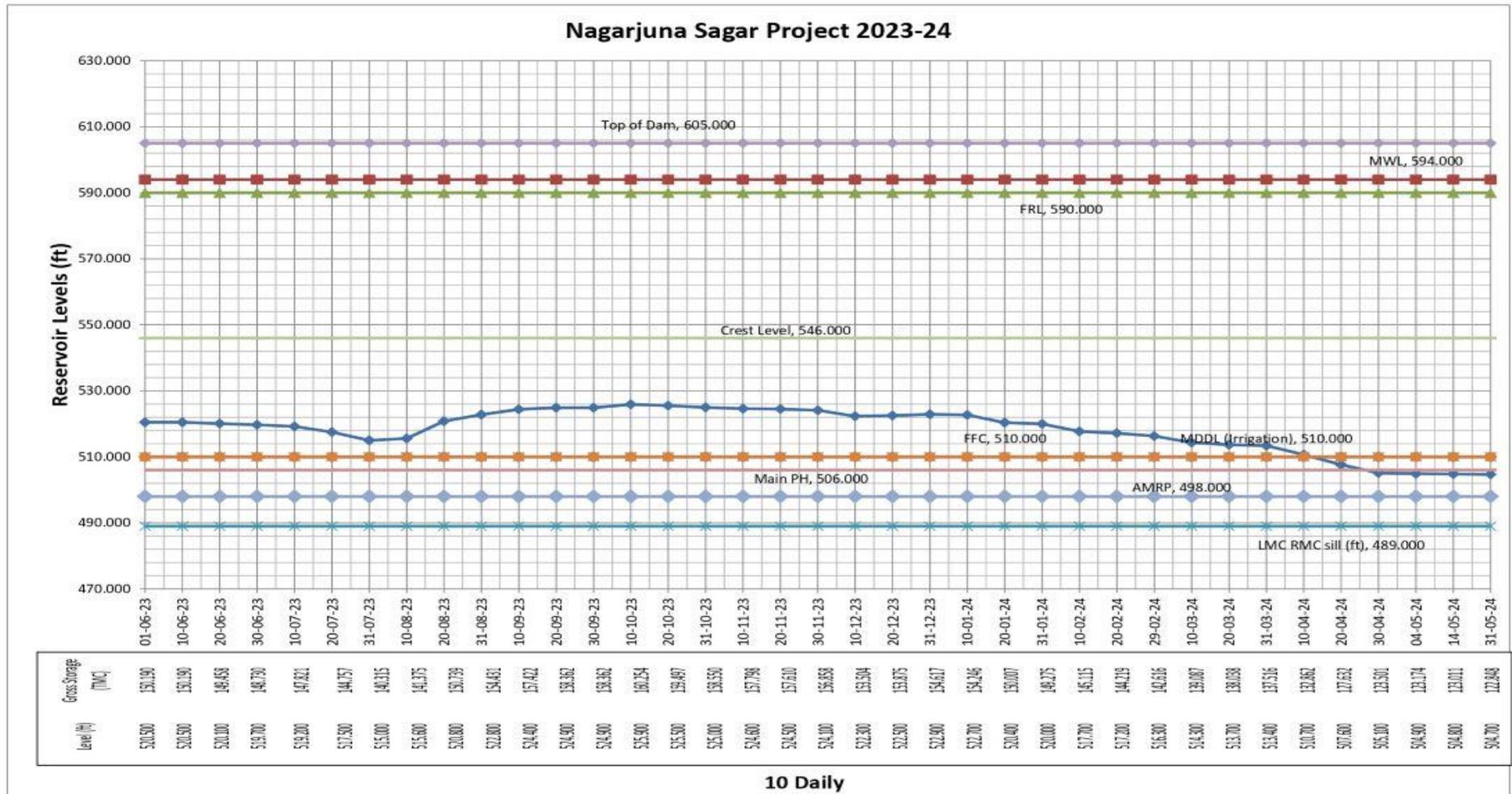
S. No.	Name of the Project	Water(TMC) drawn by A.P	Water(TMC) drawn by TS	Total Drawal (TMC)
A	Srisailam Project			
1	MGKLIS		30.735	30.735
2	Pothireddypadu Head Regulator	18.756		18.756
3	HNSS	22.726		22.726
4	Muchumarri LIS	8.219		8.219
5	Chennai water suply	3.003	1.501	4.504
	Total	52.704	32.236	84.940
B	Nagarjuna Sagar Project			
1	HMWS & SB		16.554	16.554
2	AMRP & Flood Flow Canal		12.674	12.674
3	NS Left Canals	1.760	13.503	15.263
4	NS Right Canals	26.062		26.062
	Total	27.822	42.731	70.553
C	Prakasam Barrage			
1	Krishna Delta System	82.412		82.412
2	Guntur Channel	0.987		0.987
	Total	83.399	0.000	83.399
D	Thungabhadra Project			
1	TBP HLC	17.403		17.403
2	TBP LLC	14.735		14.735
3	KC Canal	11.219		11.219
4	RDS		2.182	2.182
	Total	43.357	2.182	45.539
E	Jurala Project			
1	Jurala Project		16.918	16.918
2	Nettampadu LIS		6.475	6.475
3	Bhima LIS		7.756	7.756
4	Koilasagar LIS		2.405	2.405
	Total	0.000	33.554	33.554

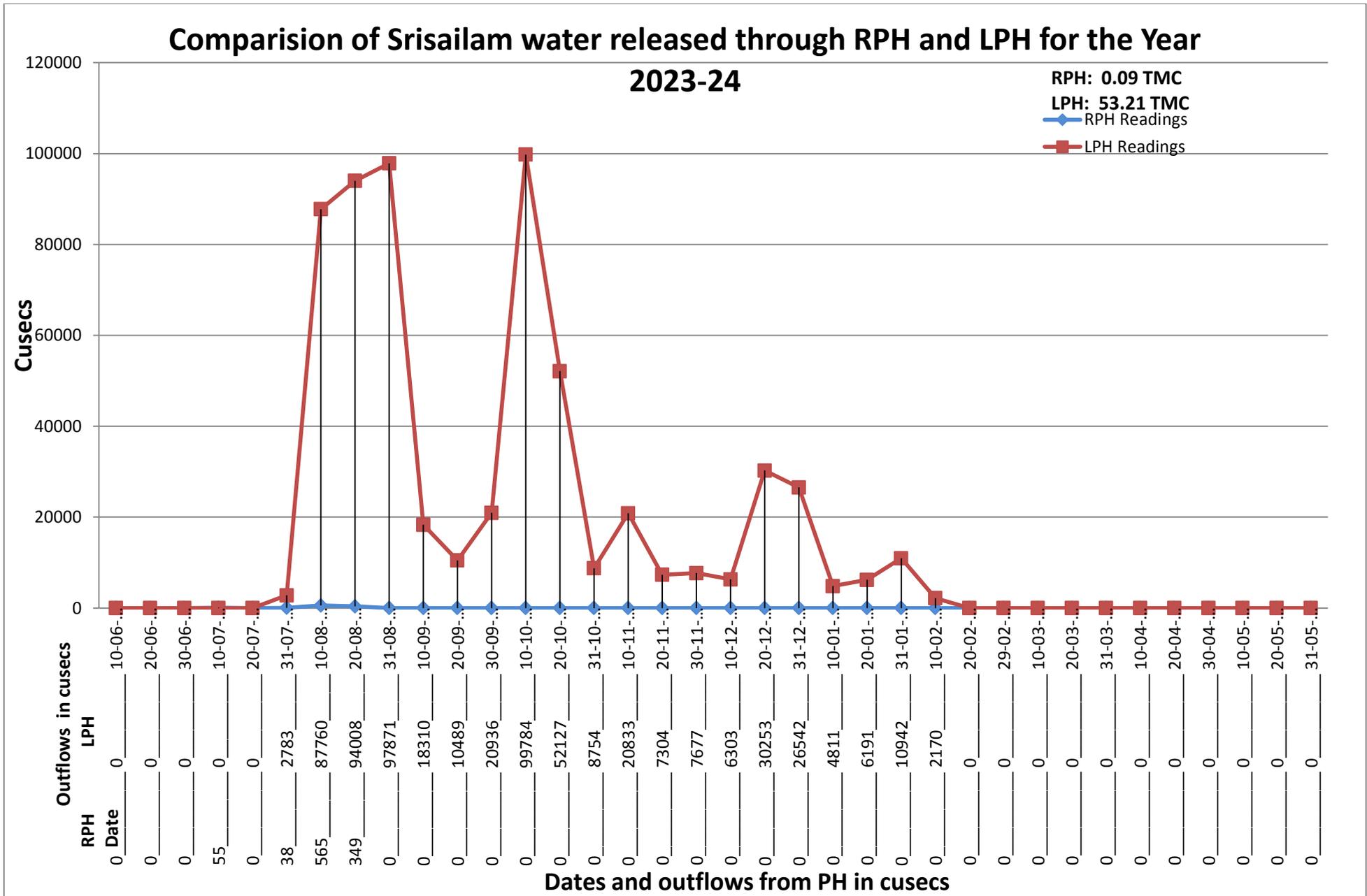
F	Medium Irrigation Projects			
1	Musi		7.573	7.573
2	Pakhal Lake		0.000	0.000
3	Wyra		1.706	1.706
4	Lankasagar		0.805	0.805
5	Dindi		0.340	0.340
6	Palair		0.000	0.000
7	Kotipallivagu		0.000	0.000
8	Muniyeru	3.349		3.349
9	Gajuladinne	0.996		0.996
10	Pulichintala Project	0.000		0.000
11	Bhairavanithippa	0.163		0.163
12	Sunkesula			0.000
	Total	4.508	10.424	14.932
G	Grand Total (A+B+C+D+E+F)	211.790	121.127	332.917

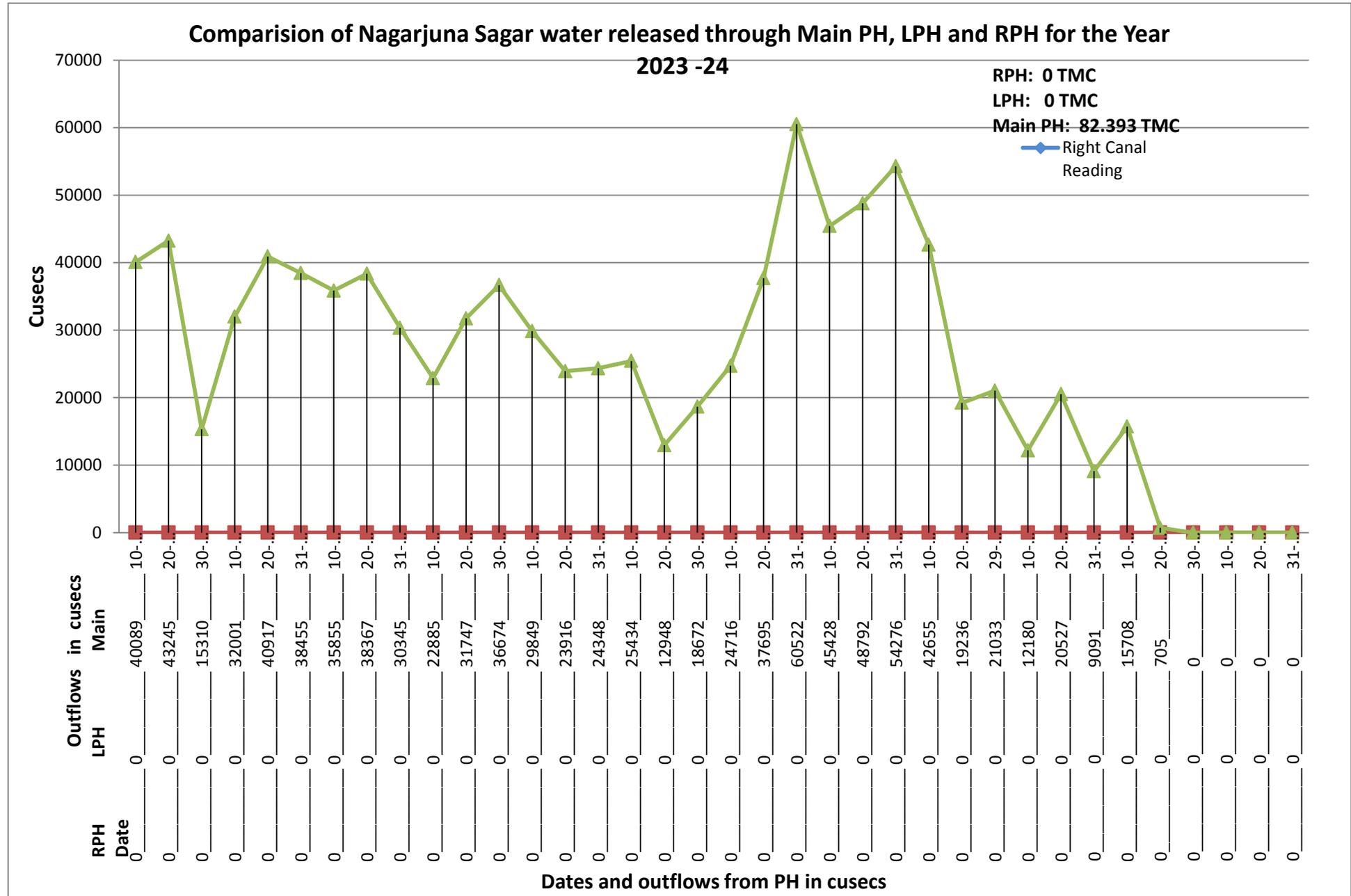
**Details of Hydro Power Projects on Krishna River in the States of
Andhra Pradesh and Telangana**

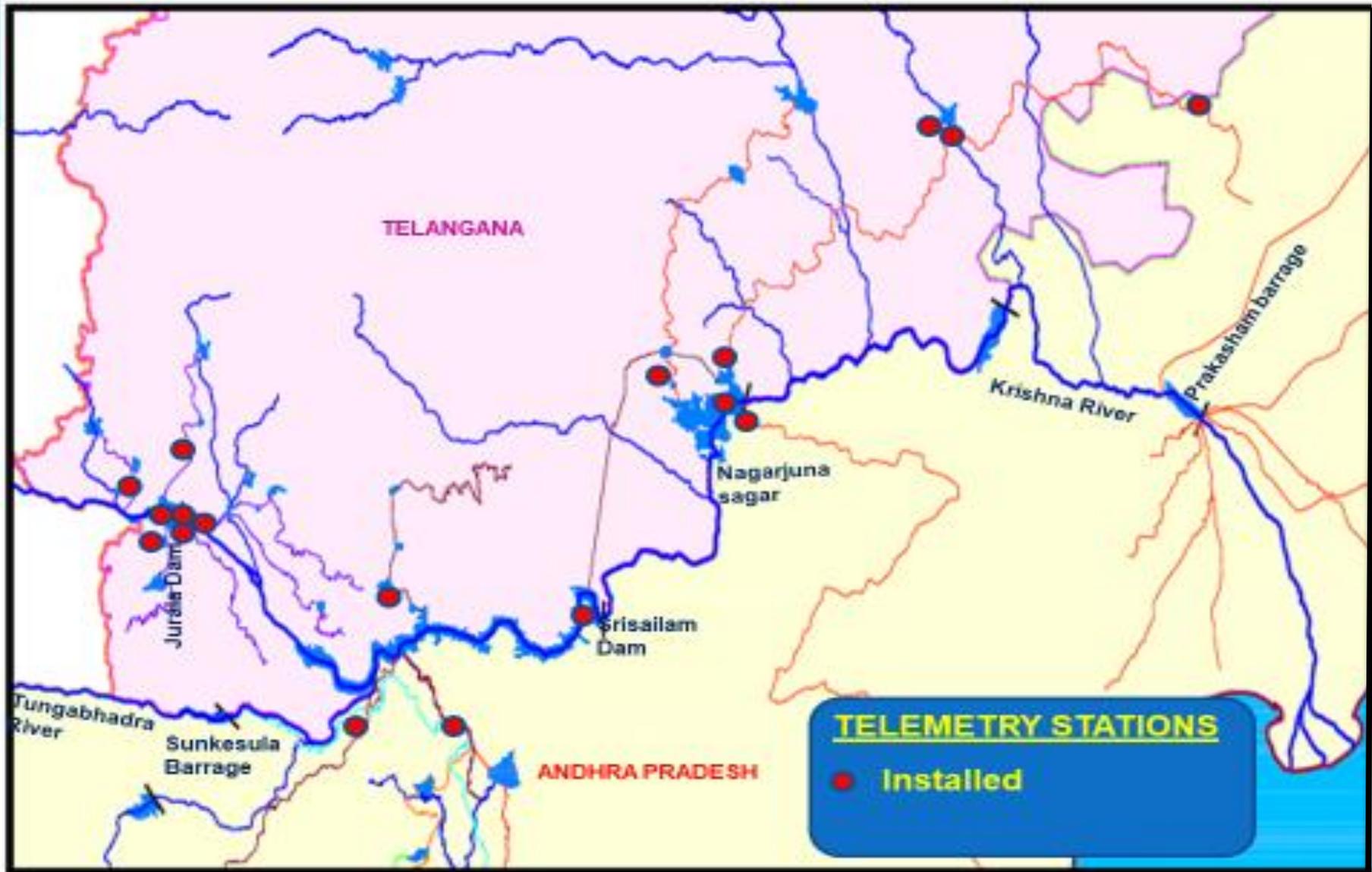
Sl. No.	Hydro Power Project	Capacity (MW)	FRL	MDDL	Discharge	Pump mode operation facility	State
1	Priyadarshini Jurala	6 x 39	+318.516 m	+314.860 m	8500 cusec per unit	--	Telangana
2	Lower Jurala	6 x 40	+299.000 m	+294.000 m	7500 cusec per unit	--	Telangana
3	Srisailem Right Bank	7x110	+269.748 m	+254.200 m	4855 cusec per unit	--	Andhra Pradesh
4	Srisailem Left Bank	6 x 150	+269.748 m	+243.840 m	7500 cusec per unit	All turbines are of reversible type for pump mode operation	Telangana
5	Nagarjuna Sagar Dam	1 x 110 + 7 x100.8	+179.832 m	+154.230m for conventional and +150.880m for reversible unit	4700 cusec for conventiona l/4300 cusec per unit for reversible	7 x 100.80 MW turbines are of reversible type for pump mode operation	Telangana
6	Nagarjuna Sagar Right Canal	3 x 30.6	+179.832m	+161.544m	5000 cusec per unit	--	Andhra Pradesh
7	Nagarjuna Sagar Left Canal	2 x 30.6	+179.832m	+167.030m	5000 cusec per unit	--	Telangana
8	Nagarjuna Sagar Tail pond	2 x25	+75.50m	+74.000 m	4500 cusec per unit	--	Andhra Pradesh
9	Pulichinthala	4 x 30	+53.34 m	+42.670 m	4950 cusec per unit	--	Telangana











TELANGANA

Krishna River

Prakasham barrage

Nagarjuna
sagar

Srisailem
Dam

Jurla Dam

Tungabhadra
River

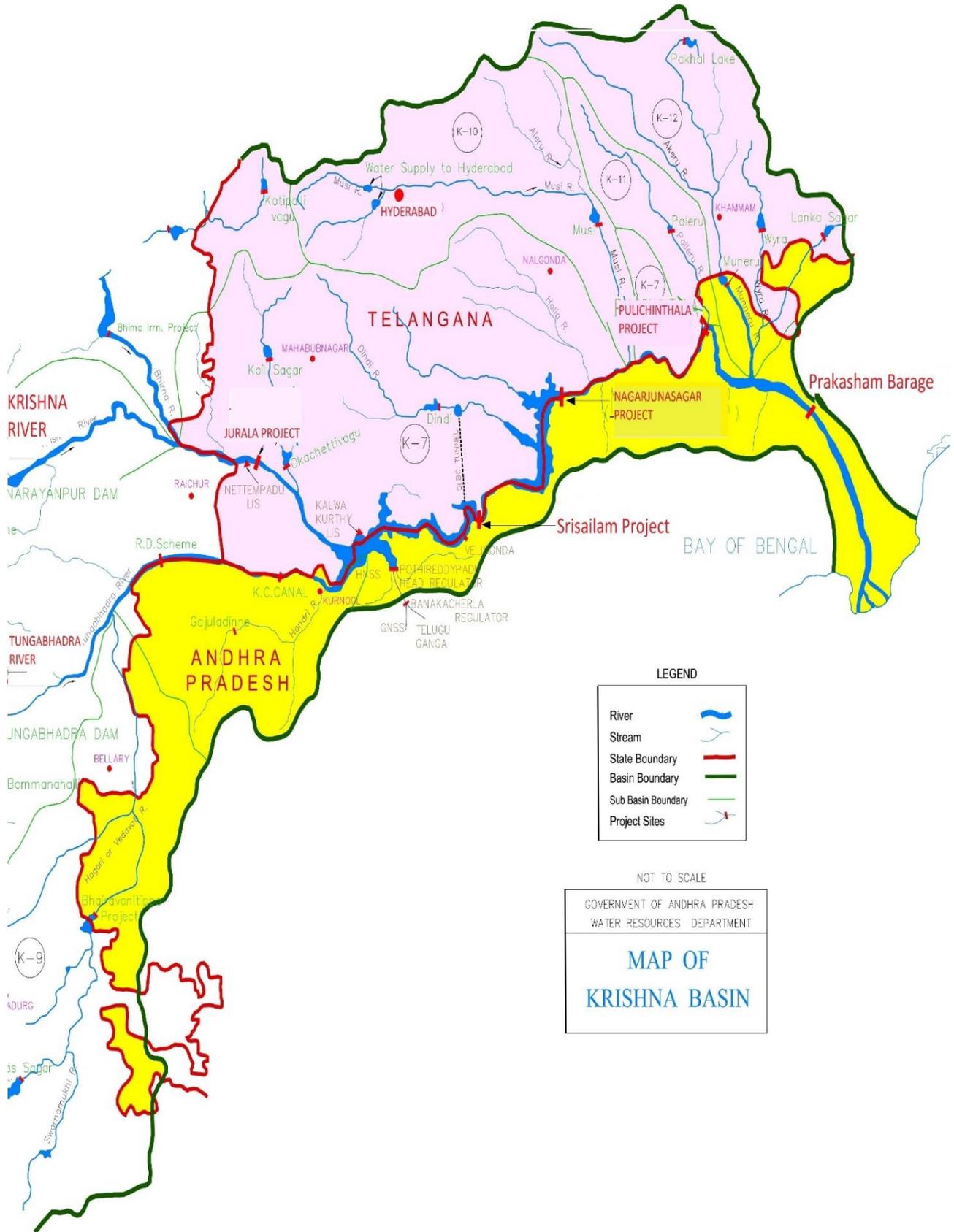
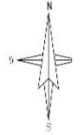
Sunkesula
Barrage

ANDHRA PRADESH

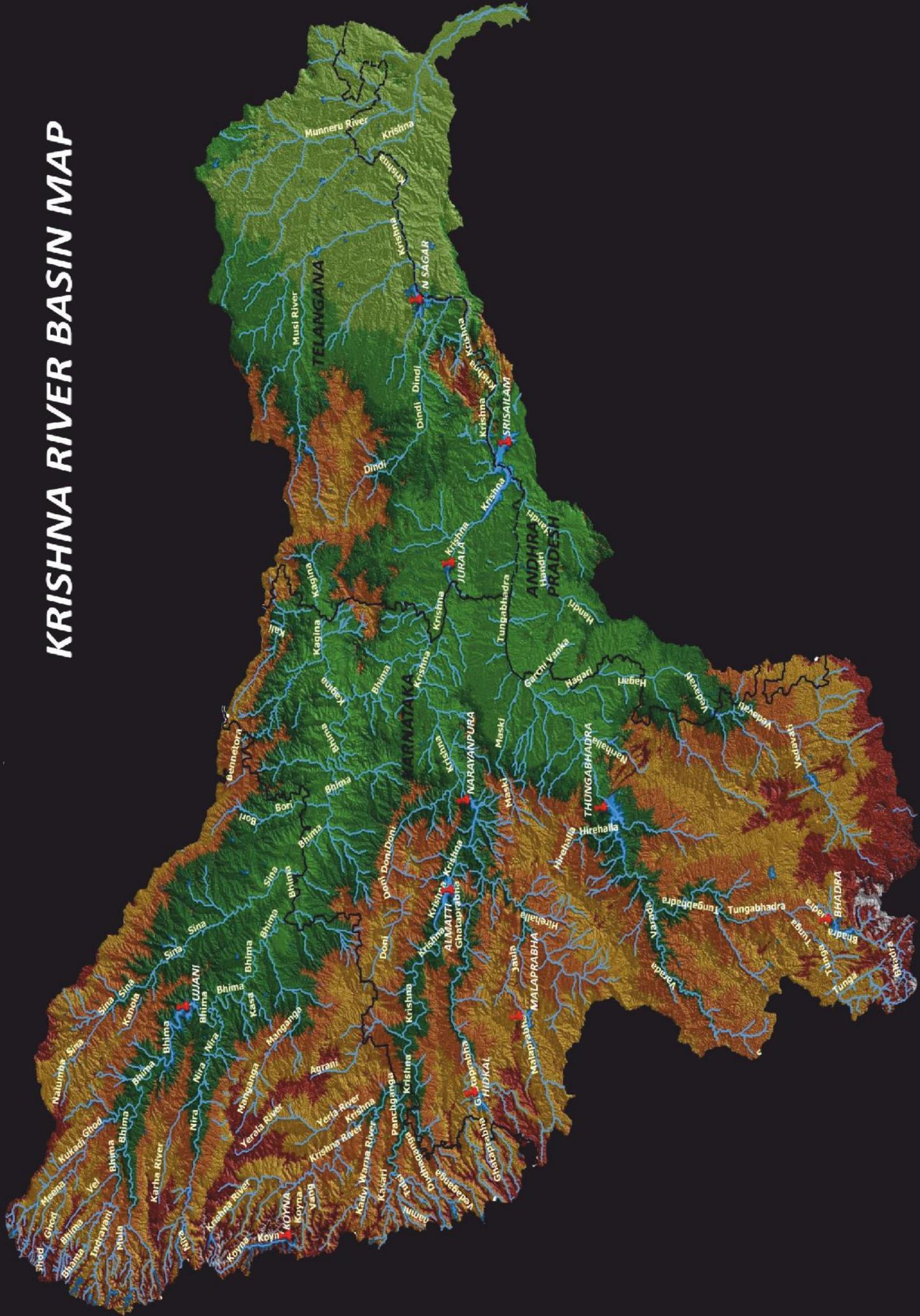
TELEMTRY STATIONS

● Installed

MAP OF KRISHNA BASIN IN AP AND TELANGANA



KRISHNA RIVER BASIN MAP



Krishna River Management Board

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