

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES
RIVER DEVELOPMENT & GANGA REJUVENATION



MAP OF KRISHNA BASIN



KRISHNA RIVER MANAGEMENT BOARD, HYDERABAD

ANNUAL REPORT

2015-16

KRISHNA RIVER MANAGEMENT BOARD

HIGHLIGHTS OF THE YEAR 2015-16

- ✓ A meeting was held under chairmanship of Additional Secretary MoWR, RD&GR, New Delhi on 18th & 19th June 2015 to discuss the issues related to regulation of water use by KRMB between Andhra Pradesh and Telangana.
- ✓ A consensus between Both AP & TS could be reached on the distribution of water (out of 811.0 TMC)

Andhra Pradesh -512.04 TMC

Telangana - 298.96 TMC

- ✓ Operating procedures were defined. Water available out of 811 TMC would be shared proportionately. Deficit below 811 TMC would also be shared accordingly.
- ✓ The above arrangement is agreed for the year 2015-16 without any prejudice to the stand of both the states before any forum
- ✓ A committee comprising of ENCs of two States and Member Secretary of KRMB would consider the indents raised keeping in view the availability of water and requirements and recommend to KRMB.
- ✓ The Water Management was carried forward as per Guiding Principles by the Committee.
- ✓ 8 Nos of committee meetings were held. Drinking and Irrigation requirements and storage positions were analysed and water release orders issued from time to time based on decisions taken.
- ✓ The inflow realized in Srisailem Reservoir was 2102 Mm³ (74.24 TMC) and utilization was 2289 Mm³(80.85 TMC)
- ✓ The inflow realized in Nagarjuna Sagar Reservoir was 2055 Mm³ (72.58TMC) and utilization was 2220 Mm³ (78.42 TMC)
- ✓ Hydro -Electric Power Generated was 434 Million Units in Krishna Basin of both the States
- ✓ 3rd Board meeting was held on 16.12.2015. Structure of the Board and Budget for 2016-17 for Rs. 1180 Lakhs approved.
- ✓ The total Budget approved for the year 2015-16 to the Board was Rs 900 Lakhs
- ✓ **The KRMB has functioned to the utmost satisfaction of both the States**

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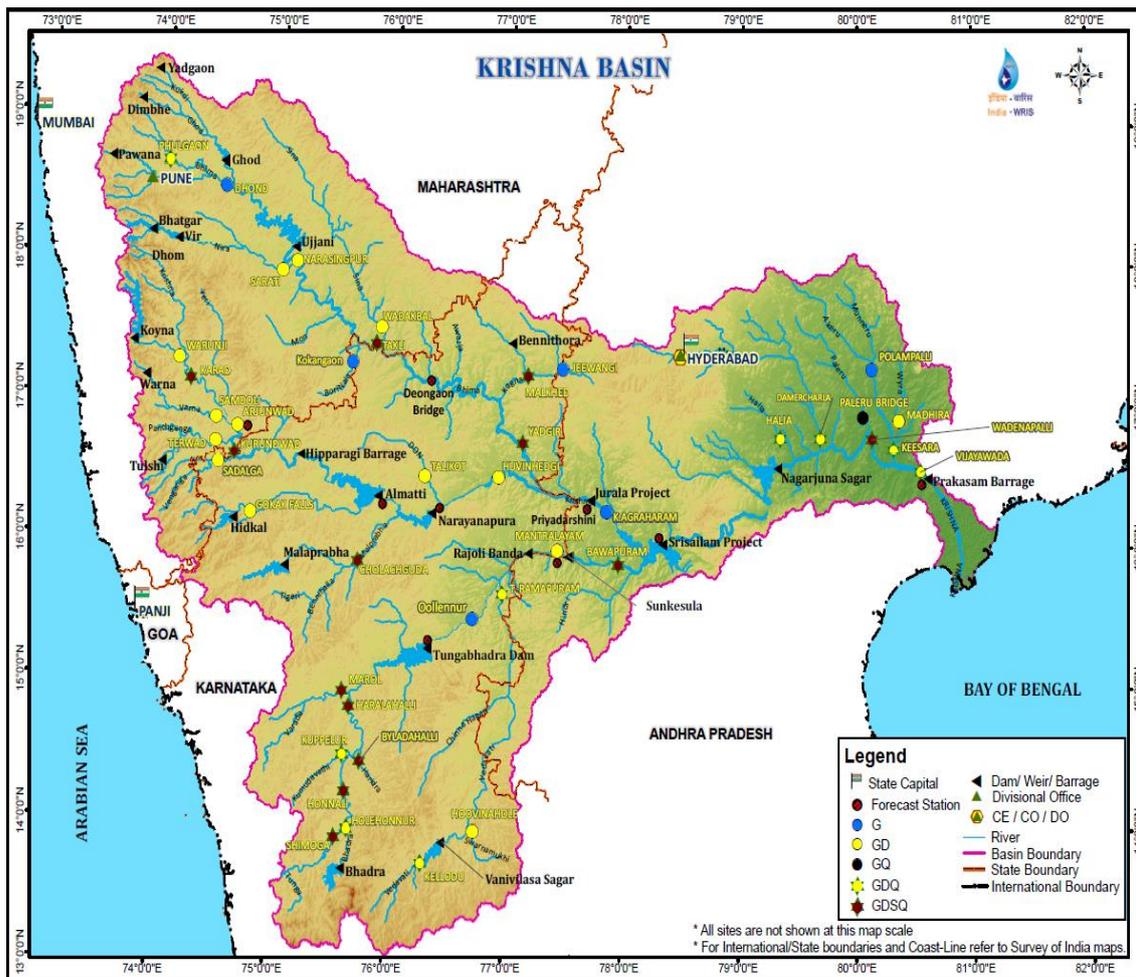
KRISHNA RIVER

1.1 History

KRISHNA BASIN

The Krishna is the second largest river in Peninsular India. It rises in the Mahadev range of the Western Ghats near Mahabaleshwar at an altitude of 4,385 ft above sea level. The Krishna basin extends over an area of 2,58,948 sq.km which is nearly 8% of the total Geographical area of the country. The basin is situated between East longitudes 73°21'00" to 81°09'00" and North latitudes 13°07'00" to 19°25'00" in the Deccan plateau covering large areas in the States of Maharashtra, Karnataka, Telangana and Andhra Pradesh.

Rain fall is the only source of all water in the Krishna basin. The average annual rainfall in the basin is about 750 mm. About 90 percent of the annual rainfall is received during the monsoon months, out of which more than 70 percent occurs during the months of July, August and September.



1.2 State Wise distribution of Catchment area of Krishna River are given in Table -1

TABLE -1

Basin State	Length in Km	Catchment Area in Sq Km	Percentage
Maharashtra	306	69425	26.8
Karnataka	483	113271	43.7
Telangana	612	50155	19.4
Andhra Pradesh		26097	10.1
Total	1401	258948	100

1.3 Sections:

The River basin is considered to be divided into 3 Sections:

Upper Krishna

Middle Krishna

Lower Krishna

1.4 Tributaries.

The following are principal tributaries to Krishna River given in Table-2

TABLE -2

No	Tributary	Length in Km(Approx)
1	BHIMA	861
2.	TUNGABHADRA	552
3	GHATAPRABHA	299
4	MALAPRABHA	326
5	VEDAVATHI	391
6	MUSI	352
7	PALERU	153
8	MUNNERU	218
9	KOYNA	151

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

1.5 SUB-BASINS:

The Krishna Basin was divided into the following 12 sub-basins as given Table-3

TABLE-3

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

KRISHNA RIVER MANAGEMENT BOARD

2.1 CONSTITUTION OF THE BOARD

Andhra Pradesh State was reorganized into two States viz. Andhra Pradesh and Telangana by A.P Reorganisation Act, 2014 which was notified in Gazette dated: 1st March 2014. The appointed day for the purpose of the said Act is 2nd June 2014 (Annexure 2.1).

To manage the water resources in equitable manner, the Act provides for constitution of two Boards for the major river Basins of Krishna and Godavari.

As per the A.P Reorganization Act, 2014, Government of India constituted Krishna River Management Board (KRMB) on **28th May, 2014** with autonomous status under the administrative control of MoWR, RD & GR, Government of India (GOI) for the administration, regulation, maintenance and operation of projects, as may be notified by the Central Government from time to time. The KRMB came into existence on 2nd June, 2014 vide Annexure 2.2.

2.2 PRESENT COMPOSITION OF BOARD

The Present composition of the Krishna River Management Board is as follows.

Chairperson	An officer of the level of Additional Secretary to the Government of India- from the Central Water Engineering (CWES) (Group 'A') Service.
Members	Two members, to be nominated by each of the successor States of –Members -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
Member (Admin) Telangana	Dr S.K. Joshi Special Chief Secretary, I & CAD, GoT
Member(Admin) Andhra Pradesh	Shri Adithya Nath Das, Principal Secretary, WRD, GoAP
	Shri Shashi Bhusan Kumar Secretary, WRD, GoAP
Member (Technical) Telangana	Shri C. Muralidhar, Engineer In Chief, I&CAD, GoT
Member (Technical) Andhra Pradesh	Shri M.Venkateswar Rao, Engineer In Chief, WRD, GoAP
Member (Power)	One expert from the Central Power Engineering (Group 'A') Service.
Member Secretary	An officer not below the rank of Chief Engineer from the Central Water Engineering (CWES) (Group "A") Service

The following were the Chairperson and Members during the year 2014-15 and 2015-16

(I) 2014-15

Chairperson:

- (i) Shri A.B. Pandya
- (ii) Shri S.K.G.Pandit

Member Secretary:

Shri R.K.Gupta

Members, Government of Andhra Pradesh

- (i) Shri Adithya Nath Das, IAS(Administrative Member)
- (ii) Shri M.Venkateswar Rao(Technical Member)

Members, Government of Telangana

- (i) Dr S.K. Joshi, IAS (Administrative Member)
- (ii) Shri C. Muralidhar (Technical Member)

(II) 2015-16

Chairman:

- (i) Shri S.K.G.Pandit
- (ii) Shri Ram Saran

Member Secretary:

Shri R.K.Gupta

Member (Power)

Shri A. Balan

Members, Government of Andhra Pradesh

- (i) Shri Adithya Nath Das, IAS (Administrative Member)
- (ii) Shri M.Venkateswar Rao (Technical Member)

Members, Government of Telangana

- (i) Dr S.K. Joshi, IAS (Administrative Member)
- (ii) Shri C. Muralidhar (Technical Member)

2.3 FUNCTIONS OF THE KRISHNA RIVER MANAGEMENT BOARD

The functions of Board shall include:

- (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 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.

2.4 APEX COUNCIL

As per Section 84 (1) of AP Reorganization Act, 2014, the Central Government shall, on and from the appointed day, constitute an Apex Council for the supervision of the functioning of the Krishna River Management Board. The Constitution of Apex council is appended as Annexure 2.3

2.4.1 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.

2.4.2 FUNCTIONS OF APEX COUNCIL

- (i) Supervision of the functioning of the Krishna River Management Board;
- (ii) planning and approval of proposals for construction of new projects, if any, based on Krishna river water, after getting the proposal appraised and recommended by the River Management Board 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

WATER MANAGEMENT OF KRMB

3.1 KWDT AWARD AND STATE WISE WATER ALLOCATION

The Award of the Tribunal came into Force from the water year - 1976-77

Inter State Agreements:

BACHAWAT TRIBUNAL AWARD (KWDT I)

Before the Constitution of Bachawat Tribunal, the protected committed utilizations of the Krishna Water to the three States viz. Maharashtra, Karnataka & Andhra Pradesh (Combined AP) were 439.65 TMC, 504.55 TMC and 749.16 TMC respectively thus totaling to 1693.36 TMC.

The erstwhile Union Ministry of Irrigation and Power constituted the Krishna Water Disputes Tribunal vide Notification No. S.O. 1419 dated 10th April, 1969. Consequent upon the detailed investigation and hearing from all the party States, had awarded allocations to the three states namely Maharashtra, Karnataka and Andhra Pradesh (Combined AP) which is given in Table – 4 (The tribunal gave its decision vide No 18(5)/73-KWDT dated 24-12-1973 and Further Report vide No 18(I)/76-KWDT dated 27-05-1976). The allocations are based on the water assessment of the basin on 75% dependability up to Vijayawada.

Final Award of Bachawat Tribunal

Table-4

in TMC

Sl.No.	State	Allocations at 75% dependability	Return flows	Total
1	Maharashtra	560	25	585
2	Karnataka	700	35	734
3	A.P.	800	11	811
	Total	2060	70	2130

The KWDT-I held that the allocations to the party States are en bloc.

Subsequently, the then Government of Andhra Pradesh proposed modernizing the existing Projects and considering the Return Flows has taken up New Projects. Due to addition of the New Projects, the reallocations amongst the Projects are given.

In the meeting held under the Chairmanship of Additional Secretary, MOWR, RD & GR, New Delhi on 18th -19th June 2015 related to regulation of Water by Krishna River Management Board, it was agreed that the figures of share of the Two states as mentioned in the list of Projects Dated 18-10-2013, at Annexure 3.1 may be followed as the working arrangement for the year 2015-16.

3.1.1 STATE WISE WATER ALLOCATION

S. No	Name of State	Gross Allocation (In TMC)
1	Andhra Pradesh	512.04
2	Telangana	298.96
Total		811.00

3.2 BOARD MEETINGS

During the year 2014-15 the Board has held 2 meetings and during 2015-16 , 1 meeting and took decisions on issues placed before it.

The issues took place and outcomes briefly are as follows.

(A) YEAR 2014-15

(i) 1st Board Meeting:

- First Meeting of the Board held on 10th July 2014 to discuss the structure, functions and general procedure of conducting the business etc.
- Working Group constituted to discuss day to day affairs and prepare the draft document on the functioning and regulations of the Board
- Reviewed the implementation of the earlier water release order for Krishna Delta
- Drinking Water Requirements of both the States were mutually agreed upon
- Release pattern for Krishna Delta System and AMRP will be mutually decided upon by both the ENC's of the States
- Drinking water requirements of both the States under NS Right Canal and NS Left canal was discussed
- Agreed for water utilization under NS Left canal as per existing allocations for the areas under each State
- Release pattern of water under NS Left Canal will be decided upon by the respective ENC's of both the States

(ii) 2nd Board meeting

- Second Board meeting was held on 30.10.2014. Telangana State raised the basic issue of project planning with respect to Srisaillam project
- The need for developing operational protocol in an integrated manner was re-emphasised to overcome conflicting situation
- The need and requirement of authenticated data was reiterated and till then it was again proposed to honour the existing protocol and spirit of cooperation was suggested.
- Strengthening of the board and issues relating to establishment and infrastructure etc for the board including technical strengthening and data analysis were reiterated.

(B) YEAR 2015-16

(i) 3rd Board Meeting:

- Third Board meeting was held on 16.12.2015 and the Board Structure was approved. It was also agreed that some of the posts in the board will be filled up on deputation from CWES/CWC
- The posts to be filled on deputation in 1st phase from CWES/CWC are 2 posts of Directors, 4 posts of Deputy Director, 5 posts of Assistant Directors and 4 posts of AD-II.
- Budget of the board for 2015-16 was approved by circulation for Rs 900 Lakhs
- Budget estimate for the Board for 2016-17 amounting to Rs.1180 Lakhs was approved.

3.3 WORKING GROUP DISCUSSIONS

On 29.10.2014 meeting of the working group was held. The important outcomes are

- To give priority to drinking water and water use for power generation be planned considering the water needs for irrigation and drinking
- Water use from Srisaillam reservoir were contested by both the states
- Concerns were expressed for want of support of the State Governments for the establishment and functioning of the Board
- The provisions of the Act were highlighted including taking up of new projects
- Need for framing the new operational protocols on integrated operation of reservoirs were emphasised and it was suggested that till then the existing protocols be honoured

3.4 WATER REQUIREMENTS FOR RABI 2014-15

- Since December 2014, the water requirements for Rabi crop were raised by both the states
- The Rabi crop area in both the states were also reviewed considering the demand projected by each state

- It was proposed that ENC of both the states discuss and finalise the water requirements and reconcile water use account also considering the storage position and considering the water requirements up to the period before the onset of the next monsoon
- It was reiterated a number of times that the water release be jointly operated by representatives of both the states to avoid inconsistency in the water use account
- The water requirements and its release were addressed by way of mutual discussions and cooperation but the difference persisted.

3.5 Mechanism of Water Management during 2015-16

(i) A meeting was convened by Ministry of WR, RD & GR to discuss the issue of water use and allocation during 18th-19th June 2015

(ii) A consensus between Both AP & TS could be reached on the distribution of water (out of 811.0 TMC)

TS- 298.96 TMC

AP – 512.04 TMC

(iii) The water management was carried forward with this agreement as the guiding principle

(iv) A Three Member Committee Constituted with Engineer in Chief of both the States (AP, TS) and Member Secretary, KRMB

(v) Operating procedures were defined

3.6 Three Member Committee Meetings

During 2015-16, 8 meetings of the 3 Member Committee were held.

The main outcome of the meetings is:

- (i) Drinking and Irrigation water requirements were analysed
- (ii) Storage positions were analysed.
- (iii) Generation of power as additional benefit was promoted.
- (iv) Spirit of Cooperation was maintained by the States
- (v) Guiding principles were adhered to
- (vi) Water release orders were issued from time to time depending on decision taken in meetings
- (vii) The mechanism worked well during 2015-16

3.7 INTER STATE CANALS

The Nagarjuna Sagar Left Canal (Lal Bahadur Canal) serves the ayacut in both the States of Andhra Pradesh and Telangana and is termed as Interstate Canal. The AP Border is about 281 Km from the Head Regulator. At present Government of Telangana is managing the regulation of water up to AP Border. The delivery of water at AP Border was a challenging task.

3.8 INFLOWS AND WATER UTILIZATION DURING THE YEAR 2015-16

The inflows and water utilization under common reservoirs of Srisailem and Nagarjuna Sagar Project are given in Annexure 3.2 and Annexure 3.3 respectively.

The canal wise draws of water by the states from the common reservoirs during 2015-16 is given at Annexure 3.4

3.9 HYDRO POWER GENERATION

There is provision for Hydro Power Generation in Srisailem, Nagarjuna Sagar, Jurala and Dr K.L. Rao Pulichintala Projects constructed across Krishna River. The Power Houses under the above projects are being operated and maintained by the respective States.

The Details of provisions for Hydro Power Generation at the above 4 Projects is given in Annexure 3.5

The Hydro Power Generation made during 2015-16 is given in Annexure 3.6

3.10 SALIENT FEATURES OF NSRS SRISAILAM PROJECT

Neelam Sanjiva Reddy Sagar (NSRS) Srisailem Project is a common reservoir for both the States of Andhra Pradesh and Telangana and the Salient features of the Project are given at Annexure 3.7

3.11 SALIENT FEATURES OF NAGARJUNASAGAR PROJECT

Nagarjunasagar Project is a common reservoir for both the States of Andhra Pradesh and Telangana and the Salient features of the Project are given at Annexure 3.8

TECHNICAL ACTIVITIES

4.1 Development of Web Site

The website of KRMB is under development with the assistance of Centre for Good Governance (CGG), Hyderabad for web based data management system. User Id and password have been provided to all officers associated with the water management system at all control points of the Projects. The data Management system is under testing.

The KRMB website domain is <krmb.cgg.gov.in> and website is yet to be launched.

4.2 Irrigation Projects

4.2.1 Correspondence on irrigation projects:

For discharging functions of the Board as per provisions of the A.P. Reorganisation Act 2014, KRMB requested both GoT and GoAP to provide details of the projects / DPRs of the new projects of their respective states, as mentioned below, which is still awaited.

Telangana

1. Palamuru Ranga Reddy Lift Irrigation Scheme
2. Dindi Lift Irrigation Scheme
3. Enhancement of Utilization under Kalwakurthy Lift Irrigation Scheme (From 25 TMC to 40 TMC)
4. Water Grid Project

Andhra Pradesh

1. Rajoli Banda Diversion Scheme Right Canal

4.3 Data of Reservoirs

KRMB daily receives Particulars of Major Reservoirs and Barrages in Krishna Basin from Flood Control Room of Telangana. The data is being monitored by KRMB for internal awareness and also in preparation of water use data.

The list of Major reservoirs and barrages are as given below:

Sl. No	Name of the Reservoir	Gross Capacity (TMC)
1	Almatti	129.72
2	Narayanapur	37.64
3	Ujjaini	117.24
4	Jurala	9.66
5	Tungabhadra	100.86
6	Srisailam	215.81
7	Nagarjuna Sagar	312.05
8	Pulichintala	45.77
9	Prakasam Barrage	3.07

WORKING MANUAL**5.1 Working Manual**

The draft “Working Manual” comprising of functional aspects with additional details of approved Regulations 2014, some part of which will be dynamic information for discharge of functions as per provisions of A. P. Reorganisation Act, 2014, was prepared by the Board Secretariat and placed in the 3rd Board Meeting on 16.12.2015 for discussion as an agenda item. The item of agenda was deferred for the next meeting.

5.2 Jurisdiction

As per section 87(1) of AP Reorganization Act, 2014, the Board shall ordinarily exercise jurisdiction on Godavari and Krishna rivers in regard to any of the projects over head works (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.

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.

Krishna River Management Board has no Jurisdiction so far over the Projects of 2 States in Krishna basin. The proposals are under examination.

ADMINISTRATION**6.1 PREAMBLE:**

As per Section 85 (3) of AP Reorganisation Act, 2014 ,the Krishna River Management Board shall be autonomous body 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.

As per Section 86 (3) of AP Reorganisation Act, 2014 , 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.

As per Section 86 (4) of AP Reorganisation Act, 2014, 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.

6.2 STAFFING PATTERN

As per section 86(1) of AP Reorganization Act, 2014, 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.

6.3 ORGANIZATIONAL STRUCTURE

For carrying out its various functions, the Board in its 3rd meeting held on 16-12-2015, has approved the Organisation chart consists of the following three main Wings.

- Irrigation (Planning)
- Hydro power
- Finance

The Organisation chart of Krishna River Management Board is at Annexure 6.1

6.4 APPLICABILITY OF RULES TO BOARD EMPLOYEES

The officers posted to Board from Government of India viz., Central Water Engineering Services, Central Power Engineering Service and Central Water Commission are governed by their Service Rules.

The Officers deputed from both the state Governments of Andhra Pradesh & Telangana and from Central Water Commission (CWC) are governed by their Service Rules.

6.5 REDRESSAL OF STAFF GRIEVANCES

All the regular posts of Board are Cadre posts of Government of India and the other staff deputed from State Governments of Andhra Pradesh and Telangana and Central Water Commission.

The Grievances of all Staff regarding service matters are thus dealt by their parent departments.

BUDGET AND EXPENDITURE

7.1 PREAMBLE

As per Section 86 (2) of AP Reorganisation Act, 2014, both the States of Andhra Pradesh and Telangana shall provide at all times necessary funds to the Board to meet the expenses required to discharge its functioning.

It has also been agreed in the Working Group meeting held on 06.08.2014 that, all the funds and resources for the KRMB shall be initially provided by the Government of Andhra Pradesh. The adjustment for the respective share of the both the state Governments shall be made at the end of the financial year mutually by the both Governments.

Ministry has released an amount of Rs.1.00 Crore as Initial amount for meeting the various activities of the Board on reimbursement basis on receipt of funds from State Governments.

Government of Andhra Pradesh & Telangana are providing Budget to KRMB under HOD Chief Engineer, Krishna Delta System, Vijayawada and HOD Engineer-in-Chief (Irrigation), Hyderabad respectively.

For independent operation or smooth functioning of the Board the budgetary funds are being transferred to KRMB Saving Account, SBI, Hyderabad by Govt. of Andhra Pradesh.

7.2 BUDGET & EXPENDITURE

(In Lakhs)

S. No.	Year	Budget			Expenditure	Remarks
		Approved by Board	Allocated by States	Revised		
1	2014-15	0.00	500.00	67.00	31.15	Expenditure incurred by CE, KDS, Vijayawada. The KRMB is in its initial stage of formation and as such the expenditure is less.
2	2015-16	900.00	00.10	220.10	84.57	An amount of Rs.45.43 Lakhs was incurred by CE, KDS, Vijayawada up to 19-11-15 out of the total Expenditure of Rs.84.57 Lakhs. The KRMB Secretariat was functioned with meager staff and as such the expenditure is less

**PARLIAMENTARY QUESTIONS, RTI,
VIP REFERENCES & COURT CASES****8.1 Parliamentary Questions**

Relevant material/ inputs for answering 8 Nos of Parliament questions during the year 2014-15 and 12 Nos during the year 2015 -16 were furnished by the Board to the Ministry of Water Resources, RD & GR

8.2 RTI Act, 2005

The Right to Information Act enacted by Parliament on 15th June, 2005 came into force on the 12th October, 2005. Accordingly, Krishna River Management Board has initiated the implementation of the Act by nominating Central Public Information Officer (CPIO) and the Appellate Authority.

Shri K. Sravana Kumar Reddy, Superintending Engineer was designated as Central Public Information Officer (CPIO) and Dr. Samir Chatterjee, Member Secretary was designated as Appellate Authority for the year 2015-16.

Krishna River Management Board has received 1No of query each from various persons/ organisation during the year 2014-15 and 2015-16 and furnished information within time frame.

8.3 VIP References

Krishna River Management Board has received 9 Nos of VIP references from Ministry during the year 2014-15 and 4 Nos in the year 2015-16. Relevant material/inputs to Ministry of Water Resources, RD & GR for answering VIP references were furnished by KRMB.

8.4 Court Cases

KRMB furnished Para-wise requisite information and other relevant contents for filing of counter affidavits in respect of 1 No of writ petition received during the year 2015-16.

Another writ petition (Civil) No.116 of 2016 filed by Alla Venkata Gopala Krishna Rao & Ors in Hon'ble Supreme Court of India regarding taking up of construction of 2 new projects namely Palamuru Ranga Reddy LIS and Dindi LIS to utilise 120 TMC of flood water from the foreshore of Srisailem Project was received in KRMB on 14.03.2016

Action was initiated by KRMB to file the Counter Affidavit during the year 2015-16.

ANNEXURES

APPOINTED DAY

(Extract of Notification No S.O.655 (E) dated 4th March, 2014)

MINISTRY OF HOME AFFAIRS

NOTIFICATION

New Delhi, the 4th March, 2014

S.O.655 (E) – In exercise of the powers conferred by clause (a) of section 2 of the Andhra Pradesh Reorganisation Act, 2014 (6 of 2014), the Central Government hereby appoints the 2nd day of June, 2014, as the appointed day for the purposes of the said Act.

(F.No.12012/1/2014-SR)

S.SURESH KUMAR, Jt.Secy.

CONSTITUTION OF KRISHNA RIVER MANAGEMENT BOARD
(Extract of Notification No S.O.1391 (E) dated 28th May, 2014)

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 (Act 6 of 2014), the Central Government hereby constitutes 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 - Chairperson
(Group "A") Service.
- (2) Two members, to be nominated by each of the successor - Members
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
- (3) One expert from the Central Power Engineering (Group 'A') - Members
Service
- (4) An officer not below the rank of Chief Engineer from the - Member Secretary
Central Water Engineering (Group 'A') Service

2. The headquarters of the Krishna River Management Board shall be at Hyderabad.

(F.No.1/1/2014 - SPR)
URVILLA KHATI, Jt.Secy.

CONSTITUTION OF APEX COUNCIL

(Extract of Notification No F.No.15/2/2014- Estt. IV dated 29th May, 2014)

MINISTRY OF WATER RESOURCES

ORDER

New Delhi, the 29th May, 2014

F.No.15/2/2014- Estt. IV – In exercise of the powers conferred by sub-section (1) of Section 84 of the Andhra Pradesh Reorganisation Act, 2014 (Act 6 of 2014), the Central Government hereby constitutes Apex Council consisting 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 |

for the supervision of the functioning of the Godavari River Management Board and Krishna River Management Board with effect from 2nd June, 2014.

URVILLA KHATI, Jt.Secy.

EXTRACT OF MINUTES OF MEETING HELD ON 18th AND 19th JUNE,2015 TO DISCUSS THE ISSUES RELATED TO REGULATION OF WATER BY KRM

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

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 representatives 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 contended 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 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.
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 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 utilisable 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 utilisable water from intermediate catchment may be taken into consideration by KRMB while determining releases to Krishna Delta. The utilisable 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 utilisations 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.

Sd/- dt. 19.06.15

**A.N. DAS
Principal Secretary, WRD Govt.
Of Andhra Pradesh**

Sd/- dt. 19.06.15

**S.K. Joshi
Principal Secretary, I& CAD.
Govt. Of Telangana**

**Sd/- dt. 19.06.15
Dr. Amarjith Singh
Additional Secretary
Ministry of WR, RD& GR**

Andhra Pradesh & 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	Rajolibanda 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	12.21	9.87	89.15	111.26
	Total of (I)	486.00	445.00	113.04	171.37	160.59	445.00
II	Common Projects						
23	Nagarjunasagar 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 Vikuntapuram P.S, 1.0 TMC from Nagarjunasagar Project and saving of 1.50 TMC out of 3.9 TMC towards water supply to twin cities. (Govt. of Andhra Pradesh Irr Dept G.O.Ms.No.19 dated: 5 / 2/2003).
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. Srisaillam 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:4th July 1994).
5. 5 TMC reallocated towards AP's contribution for Chennai water supply as per the Agreement dated 14.4.1976 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 Srisaillam reservoir is shown equally among three regions.
7. The allocation of Nagarjunasagar Project is shown as per "Nagarjunasagar Project, Third Revised project Estimate 2000" and the evaporation loss is included in proportion to allocations.

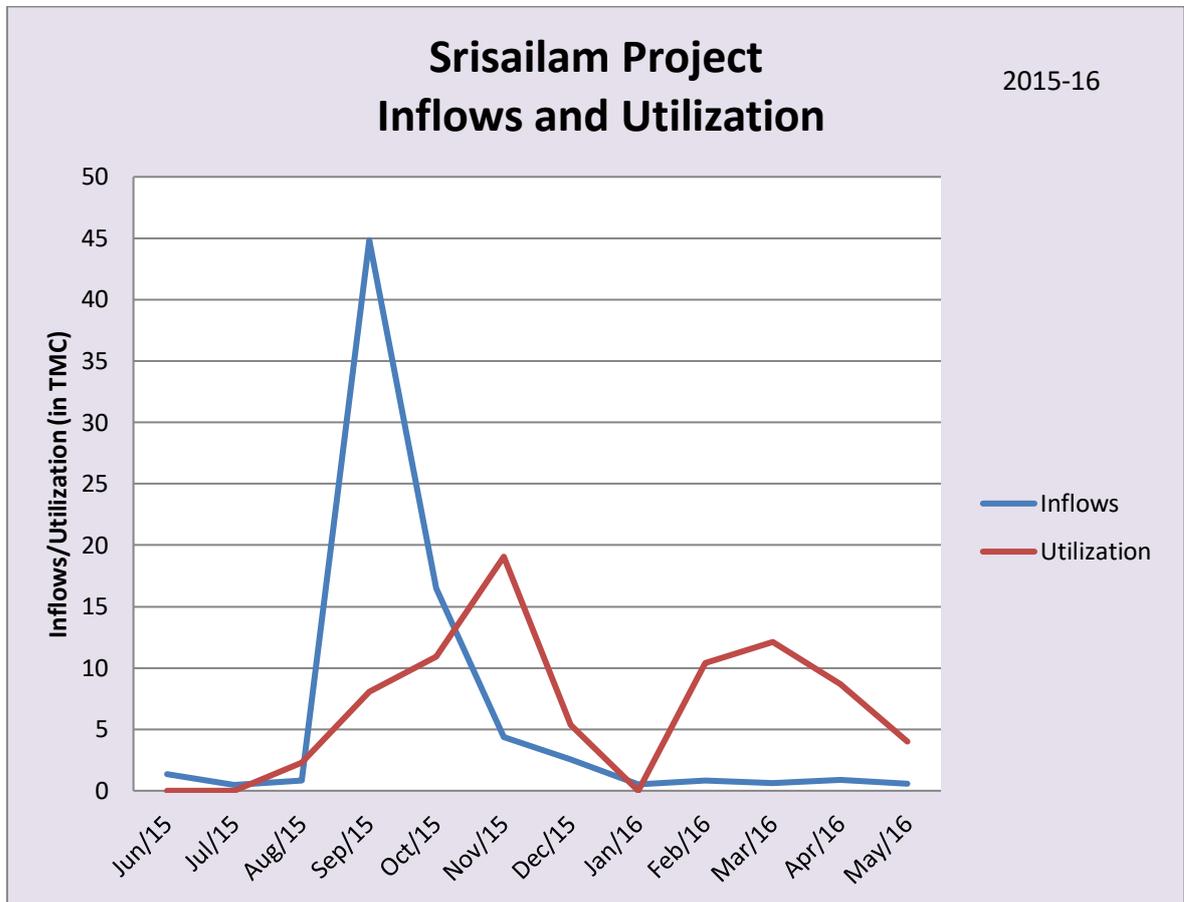
Yours faithfully

Sd/- dt.18.10.2013

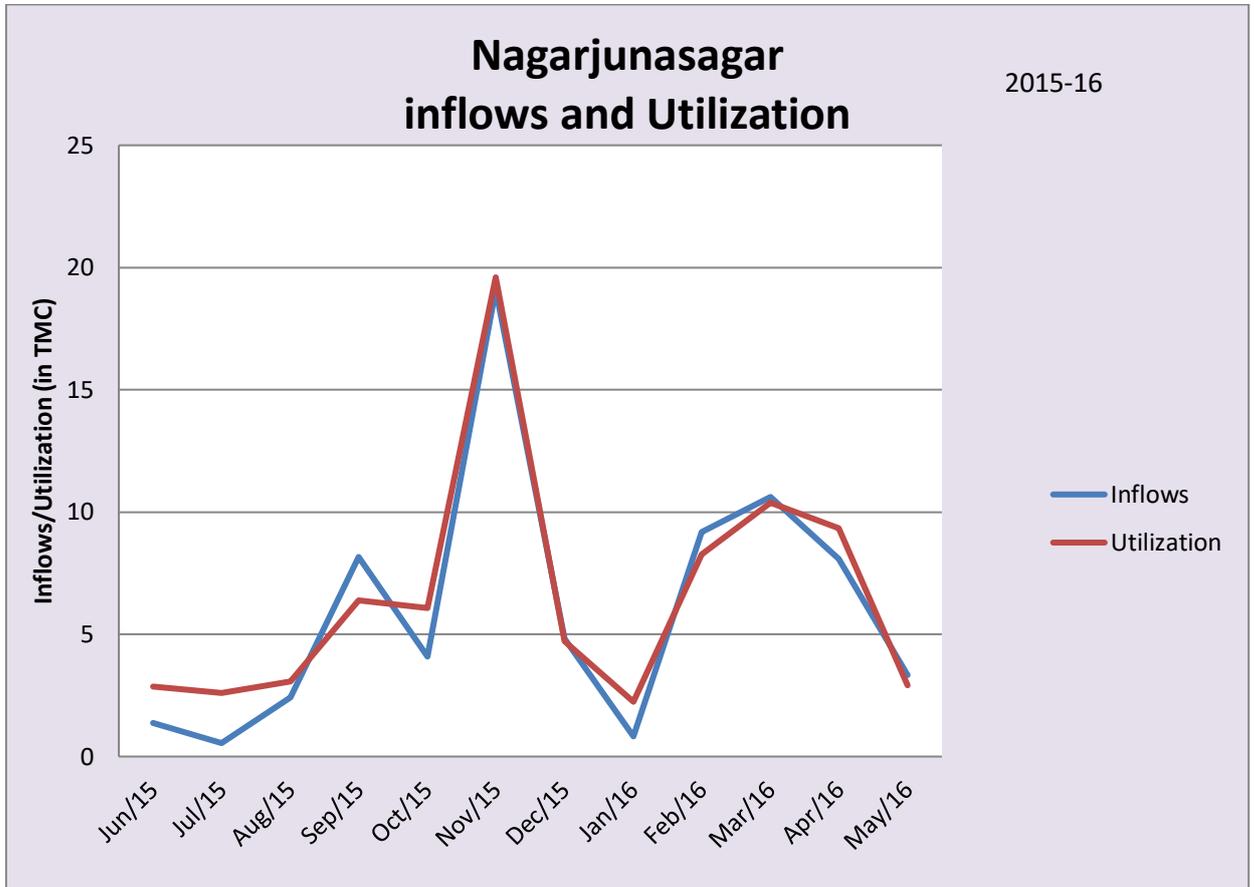
Chief Engineer (OSD), IS & WR

For Chief Engineer (OSD)/IS & WR

SRISAILAM PROJECT 2015-16



NAGARJUNA SAGAR PROJECT 2015-16



**THE CANAL WISE DRAWS OF WATER BY THE STATES FROM COMMON RESERVOIRS
DURING 2015-16**

(in TMC)

S.No.	Name of the Project	Water draws by AP	Water draws by TS	Total
I	Srisaïlam			8.75
	(i) From Pothireddypadu Head Regulator(Including Srisaïlam Right Branch Canal ,Telugu Ganga Project, Chennai Water Supply etc)	8.75		
	(ii) Mahatma Gandhi Kalwakurthy Lift Irrigation Scheme		0.00	
II	Nagarjuna Sagar Project			76.49
	(i) Nagarjuna Sagar Right Canal (Jawahar Canal)	17.458		
	(ii) Nagarjuna Sagar Left Canal (Lal Bahadur Canal)	0.062	17.127	
	(iii) Alimineti Madhava Reddy Project (AMRP) Lift Irrigation Scheme		11.200	
	(iv)Hyderabad Metro Water Supply & Sewerage Board (HMWS & SB)		15.327	
	(v) Krishna Delta System	15.316		

HYDRO POWER INSTALLATION IN KRISHNA RIVER PROJECTS

S.No.	Name of the Project	Installed Capacity	Total Capacity
1	Neelam Sanjeeva Reddy Sagar Srisaillam Project (i) Right Bank Power House (ii) Left Bank Power House	7 x 110 MW 6 x 150 MW	770 MW 900 MW
2	Nagarjuna Sagar Project (i) Right Canal Power House (ii) Left Canal Power House (iii) Main Power House	3 x 30 MW 2 x 30 MW (1X110 MW) + (7X100.80) MW	90 MW 60 MW 815.60 MW
3	Priyadarshini Jurala Project (i) Priyadarshini Jurala Hydro Electric Project(PJHEP) (ii) Lower Jurala Hydro Electric Scheme (LJHES)	6 X 39 MW 6 x 40 MW	234 MW 240 MW
4	Dr. K.L. Rao Sagar Pulichintala Project	4 x 30 MW	120 MW

Monthly Hydro Power Generation in Krishna River Projects

in Million Units

2015-16	Srisaillam		Nagarjuna Sagar			Jurala	
	Srisaillam Right Bank Power House	Srisaillam Left Bank Power house	NS Dam (Main Power House)	NS Right Canal	NS Left Canal	Priyadashini Jurala	Lower Jurala
1	2	3	4	5	6	7	8
Installed capacity (in MW)	770	900	815.60	90	60	234	240
Jun-15	0.01	0	0.28	0	0	0	0
Jul-15	0.01	0	0.61	0	0	0	0
Aug-15	10.50	0	0.10	0	0	0	0
Sep-15	16.05	11.24	0	0	0	14.64	0
Oct-15	11.20	18.41	0.08	0	0	8.53	7.34
Nov-15	53.81	43.29	22.18	0	0	0.36	0
Dec-15	15.77	14.52	18.18	0	0	0.32	0
Jan-16	0	0.04	2.87	0	0	0.07	0
Feb-16	30.81	26.65	19.40	0	0	0	0
Mar-16	30.07	32.39	10.44	0	0	0	0
Apr-16	6.70	0	0.04	0	0	0	0
May-16	0	0	6.98	0	0	0	0
	174.93	146.54	81.16	0.00	0.00	23.92	7.34
Total	321.47		81.16			31.26	
Grand Total	433.89						

NEELAM SANJEEVA REDDY SAGAR SRISAILAM PROJECT



NEELAM SANJEEVA REDDY SAGAR SRISAILAM PROJECT

SALIENT FEATURES

1. Location:

- | | | | |
|------|-----------|---|--|
| i) | State | : | Andhra Pradesh |
| ii) | District | : | Border between Kurnool & Mahaboob Nagar Districts. |
| iii) | Latitude | : | 16-5' N |
| | Longitude | : | 78-54' E |

2. Hydrology:

- | | | | |
|------|-----------------------------|---|--|
| i) | Catchment Area | : | 2.06,030 sq km (79,530 sq. miles) |
| ii) | <u>Mean Annual Rainfall</u> | | |
| | Maximum | : | 1016 mm (40 inches) |
| | Minimum | : | 635 mm (25 inches) |
| iii) | Design Flood | : | 53770 cumecs at Srisailam
19 lakh cusecs moderated to 38,365 Cumecs(13,55,680 cusecs) |
| iv) | Deep Bed level of River | : | EL 152.4 m (EL 500 ft) |
| v) | Minimum Tail Water Level | : | EL 163.00 m(EL 535.00 ft) |
| vi) | Maximum Flood Level | : | EL 187.25 m (EL 614.35 ft) |
| | Observed at Dam site | | |

C) DAM:

- | | | | |
|------|---|---|---------------------------|
| i) | Type | : | Gravity Dam |
| ii) | Top elevation | : | EL 275.54 M (EL.904.0 ft) |
| iii) | Height above the deepest Foundation level | : | 143.26 M (470 ft) |
| iv) | Total Length at Top | : | 512 M (1680 ft) |

D) SPILL WAY:

i) Maximum discharging capacity	:	37,356 cumecs (13,20,00Cuses)
Over the crest		
ii) Discharging capacity of River	:	1009 cumecs (35,680 cusecs)
Sluices at M.W.L		
iii) Total Discharging capacity	:	38,365 cumecs (13,55,680 cusecs)
at M.W.L		
iv) Crest Level of Spill way	:	EL. 252.98 m (EL.830.00 ft)
v) Gross Length of	:	266.39 m
Spill way (between)	:	(874 ft.)
Faces of training walls		
vi) Spill way gates Number	:	12 Nos.
Size	:	18.3 m x 16.7 m (60'x55')
vii) River Sluices Number	:	2 Nos.
Size	:	3.65m x 9.14 m (12 ft x 30 ft)

E) RESERVOIR:

i) Maximum water level	:	271.88 m (EL. 892 ft)
ii) Full Reservoir Level	:	EL. 269.75 m (EL.885 ft.)
iii) Gross storage	:	6110.9070 cubic metres
Capacity at F.R.L	:	(215.8070 TMC)
iv) Water spread area	:	541.90 sq. km.
at F.R.L	:	209 sq. Miles)
MDDL (for IRR)	:	854.00 (260.30 M)
Storage capacity	:	89.29 TMC (2528.396 Cums)
MDDL (for Power)	:	834.00 (254.20 m)
Storage capacity	:	53.851 TMC (1524.871 cums)
Crest level	:	830.00 (252.98 M)
Storage capacity	:	49.49. TMC (1401.387 cums)

6. Power Houses:

i) Right Side Capacity	:	7 X 110 MW
ii) Left Side Capacity	:	6 X 150 MW

Nagarjuna Sagar Project



NAGARJUNA SAGAR PROJECT

SALIENT FEATURES

LATITUDE	:	16	34'	23"	N.
LONGITUDE	:	79	18'	47"	E.
HYDROLOGY					
Catchment area at Dam site	:	83,083 Sq.miles (2,15,185 Sq.KMs)			
Maximum annual rain fall in the Catchment	:	35" (889 MM)			
Maximum observed flood	:	30,050 cumecs (10.61 Lakh C/s)			
1000 years design flood	:	58,340 cumecs (20.60 Lakh C/S)			
Routed flood	:	45310 Cumecs (16.00 Lakh C/S)			
<u>RESERVOIR:</u>					
<u>F.R.L.</u>	:	+590.00 Ft. (+179.832 Mt.)			
Maximum water level	:	+594.00 Ft. (+181.051 Mt.)			
<u>M.D.D.L</u>	:	+510.00 Ft. (+155.450 Mt.)			
Water spread area	:	110 Sq.Miles (285 Sq.KMs)			
Live storage above +510.00 Ft.	:	181 TMC			
<u>MASONRY DAM:</u>					
Length of spill way Dam	:	1545 Ft. (470.916 Mts.)			
Length of Non-over flow Dam	:	3211 Ft. (978.612 Mts.)			
Total length of Masonry Dam	:	4756 Ft. (1449.628 Mts)			
Maximum height of Dam above deepest Foundation	}	409 Ft. (124.663 Mts.)			
Top width of Dam	:	28 Ft. (8.534 Mts.)			
Maximum base width of Dam	:	320 Ft. (97.536 Mts.)			
Over-all width of road way at top	:	30 Ft. 9 inch. (9.373 Mts)			
Deepest foundation level	:	+196.00 Ft. (+59.741 Mts)			

Average river bed level : +245.00 Ft.(+74.676 Mts.)
 Spillway crest level : +546.00 Ft. (+166.421 Mts.)
 Top of crest gates : +590.00 Ft.(+179.832 Mts.)
 Top of Dam : +605.00 Ft. (184.404 Mts.)
 Invert level of flip bucket : +240.00 Ft. (73.15 Mts.)
 Crest gates : 26 Nos. of size 45' x 44' (13.716 x 13.410m)
 Chute sluices : 2 vents of size 10' x 25'with sill at +450' (137.16 Mts)
 (Operable upto +549.00 Ft) Discharging 17,000 C/S at full gate opening.

Diversion Tunnel : 2 Vents of size 10' x 25'
 (Operable up to +560.00 Ft.) Discharging 20,000 C/S at full gate Opening.

Right Canal Head sluice : 9 vents of size 10' x 15' with sill
 At +489' (149.047 Mt.)

Left Canal Head sluice : 3 vents of size 10' x 25' with sill
 At +489' (149.047 Mt.)

EARTH DAM:

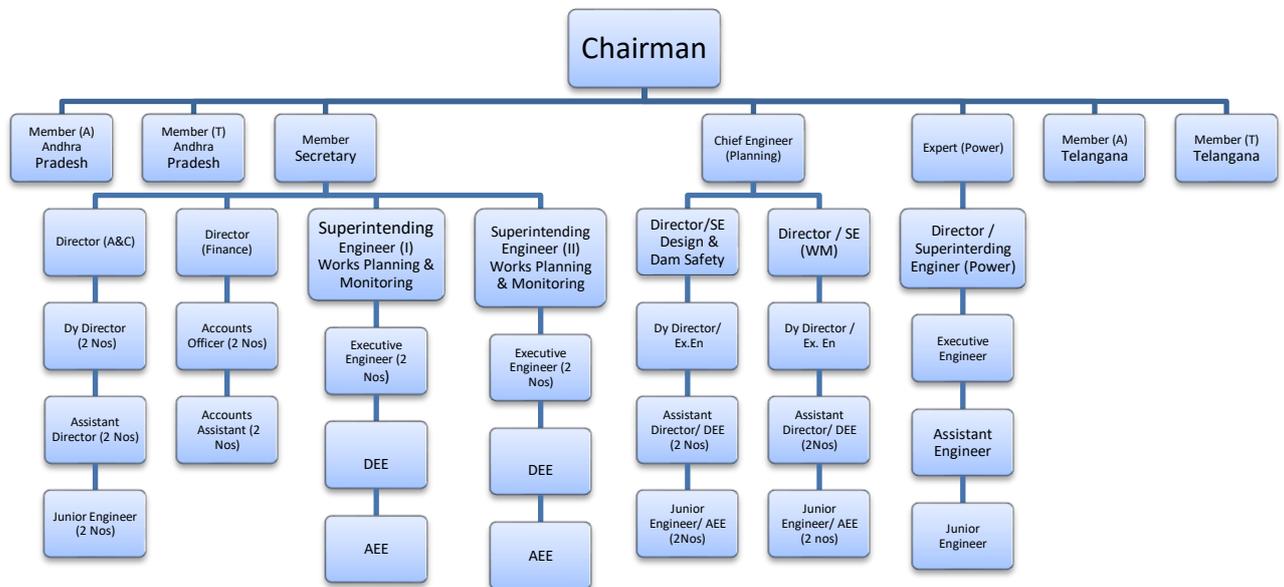
Length of Left Earth Dam : 8400 Ft. (2560.32 Mts.)
 Length of Right Earth Dam : 2800 Ft. (853.44 Mts.)
 Total Length : 11,200 Ft. (3413.76 Mts.)
 Maximum height : 85 Ft. (25.908 Mts.)
 Top width : 30 Ft. 6" (9.296 Mts.)
 Top level : +610 Ft. (+185.928 Mts.)

POWER GENERATION:

Penstocks (8 numbers) : 16.00 Ft. dia (4.88 Mts)
 Centre line elevation : +405.00 ft. (+123.40 Mts.)
 Power Units : 1 no conventional (with 110 MW capacity)
 7 Nos. reversible (with 100MW capacity)
 MDDL : +506.00 Ft. (_154.23 Mts.)

		(for conventional)
		+495.00 Ft. (+150.88 Mts.)
Discharging capacity		4,700 C/s (133.09 Cumecs)
		(for conventional)
		4,300 C/S (121.76 cumecs)
		(for reversible)
Right Canal Power House:		
Sluices	:	3 Numbers
		15' x 38' (4.57 M x 38 M)
Sill level	:	+479.00 Ft (146.00 Mts)
Units	:	3 Numbers conventional
Capacity	:	30 MW
Discharging capacity	:	5,000 Cusecs each
Left Canal Power House	:	Two Units

ORGANIZATION CHART OF KRISHNA RIVER MANAGEMENT BOARD



KRISHNA RIVER MANAGEMENT BOARD

HIGHLIGHTS OF THE YEAR 2014-15

- ✓ Krishna River Management Board is in operation since 2nd June,2014
- ✓ There are two common reservoirs namely Srisaïlam and Nagarjunasagar serving both the States of Andhra Pradesh and Telangana
- ✓ The inflow realized in Srisaïlam Reservoir was 18024 Mm³(636.52 TMC) and utilization was 19189 Mm³(677.66 TMC)
- ✓ The inflow realized in Nagarjuna Sagar Reservoir was 16047 Mm³ (566.72 TMC) and utilization was 19189 Mm³ (566.93 TMC)
- ✓ Hydo -Electric Power Generated was 4172 Million Units in Krishna Basin of both the States
- ✓ The 1st Board Meeting was held on 10-07-2014 at Hyderabad.
 - Working Group Constituted.
 - Discussed the structure, functions and procedure of conducting business.
 - Reviewed the implementation of the earlier water release order for Krishna Delta
 - Drinking Water Requirements of both the States were mutually agreed upon
 - Release pattern for Krishna Delta System and AMRP will be mutually decided upon by both the ENCs of the States
 - Drinking water requirements of both the States under NS Right Canal and NS Left canal was discussed
 - Agreed for water utilization under NS Left canal as per existing allocations for the areas under each State
 - Release pattern of water under NS Left Canal will be decided upon by the respective ENCs of both the States.
- ✓ The 2nd Board Meeting was held on 30-10-2014 at Hyderabad.
 - Telangana State raised the basic issue of project planning with respect to Srisaïlam Project.
 - Need for Developing operational protocol in an integrated manner was reemphasised to overcome conflicting situation
 - Need and requirement of authenticated data was reiterated.
- ✓ The total Budget provided to the Board was Rs 500 Lakhs