

GODAVARI WATER DISPUTES TRIBUNAL

**THE REPORT**  
OF  
**THE GODAVARI WATER DISPUTES TRIBUNAL**  
WITH THE DECISION  
IN THE MATTER OF A WATER DISPUTE REGARDING  
THE INTER-STATE RIVER GODAVARI AND  
THE RIVER VALLEY THERE OF

*BETWEEN*

1. THE STATE OF MAHARASHTRA
2. THE STATE OF KARNATAKA
3. THE STATE OF ANDHRA PRADESH
4. THE STATE OF MADHYA PRADESH
5. THE STATE OF ORISSA

**VOLUME II**

NEW DELHI  
1979

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**VOLUME II**

**PART I**

**NEW DELHI  
1979**

## CONVERSION TABLE

## 1. Linear

1 inch	= 25.40 millimetres
1 foot	= 12 inches = 304.80 millimetres
1 mile	= 5,280 feet = 1,609.344 metres = 1.6093 kilometres
100 millimetres	= 3.9370 inches
1 metre	= 3.2808 feet = 1.0936 yards
1 kilometre	= 0.6214 mile

## 2. Area

1 sq. foot	= 0.0929 square metre
1 acre	= 4,840 square yards = 0.4047 hectare
1 square mile	= 640 acres = 258.999 hectares
1 sq. metre	= 10.7636 square feet = 1.1960 square yards
1 hectare	= 2.4711 acres = 0.003861 sq. mile
1 sq. km.	= 0.3861 square mile

## 3. Volume

1 cubic foot	= 0.0283 cubic metre = 6.2288 gallons
1 million cubic feet	= 11.5741 cusec-days = 22.9568 acre-feet = 28,316.8 cubic metres = 6,228.8 million gallons
<del>1 thousand</del> million cubic feet	= 28.3168 million cubic metres = 22,956.84 acre-feet = 6,228.8 million gallons
1 acre foot	= 0.1233 Hectare metre
1 million acre-feet	= 43.5600 thousand million cubic feet = 1.2335 milliard cubic metres
1 cusec-day	= 0.0864 million cubic feet = 1.9835 acre-feet = 2,446.5715 cubic metres = 0.5382 million gallons
1 gallon	= 4.5461 litres
1 million gallons	= 160,544 cubic feet = 4,546.09 cubic metres
1 cubic metre	= 35.3147 cubic feet = 219.969 gallons = 1,000 litres.

1 million cubic metres

= 35.3147 million cubic feet  
= 810.71 acre feet

1 milliard cubic metres

= 0.8107 million acre feet

1 cubic metre per second for 1 day

= 0.0864 million cubic metres

= 70.0453 acre feet

= 3.0512 million cubic feet

= 8.1071 acre feet

= 0.3531 million cubic feet

1 hectare metre

#### 4. Rates of Flow

= 1.9835 acre feet per day

= 0.028317 cubic metre per second

= 28.3168 litres per second

= 6.2288 gallons per second

= 22,423.68 gallons per hour

= 0.5382 million gallons per day.

= 1.8581 cusecs days

= 0.0526 cubic metres per second per day

= 35.3147 cusecs

= 219.968 gallons per second

= 0.4087 million cusecs per day

= 0.8107 million acre-feet per day

= 0.03531 cusecs

= 791.8892 gallons per hour

= 1,000 million = 1,000,000,000

1 cubic foot per second

1 million gallons per day

1 cubic metre per second

1 milliard cubic metres per day

1 litre per second

1 milliard



## ABBREVIATIONS

## (1) Technical terms

T.M.C.	... thousand million cubic feet
M.A.F.	... million acre feet
M.Cft.	... million cubic feet
Cft.	... cubic foot or feet
ft.	... foot or feet
in.	... inch or inches
Co	... Centigrade temperature
Fo	... Fahrenheit temperature
lat.	... Latitude
long.	... longitude
M.D.D.L.	... minimum draw down level
R.L.	... reduced level
F.R.L.	... full reservoir level
M.W.L.	... maximum water level
G.T.S. level	... Great Trigonometric Survey level

## (2) Other terms

AP	... Andhra Pradesh
MR	... Maharashtra
KR	... Karnataka
MY	... Mysore
MP	... Madhya Pradesh
OR	... Orissa
G	... Godavari
G-1 to G-12	... sub-basins of Godavari basin
K	... Krishna
K-1 to K-12	... sub-basins of Krishna basin
pp.	... pages
Ann.	... Annexure
Ed.	... Edition
Art.	... Article
U.N.	... United Nations
U.S.A.	... United States of America
K.G.C.R.	... Krishna-Godavari Commission Report
I.M.D.	... India Meteorological Department
C.W. & P.C.	... Central Water & Power Commission
C.W.C.	... Central Water Commission
P.C.	... Planning Commission

Certain volumes containing records of the Godavari case have been marked in an abbreviated form thus:

- MRG ... Volume containing the pleadings filed in the Godavari case by the State of Maharashtra.
- APG ... Volume containing the pleadings filed in the Godavari case by the State of Andhra Pradesh.
- KRG ... Volume containing the pleadings filed in the Godavari case by the State of Karnataka.
- MPG ... Volume containing the pleadings filed in the Godavari case by the State of Madhya Pradesh.
- ORG ... Volume containing the pleadings filed in the Godavari case by the State of Orissa.
- MRDG ... Volume containing relevant documents filed in the Godavari case by the State of Maharashtra.
- APDG ... Volume containing relevant documents filed in the Godavari case by the State of Andhra Pradesh.
- KRDG ... Volume containing relevant documents filed in the Godavari case by the State of Karnataka.
- MPDG ... Volume containing relevant documents filed in the Godavari case by the State of Madhya Pradesh.
- ORDG ... Volume containing relevant documents filed in the Godavari case by the State of Orissa.
- MRPG ... Volume containing Project Reports or Notes filed in the Godavari case by the State of Maharashtra.
- APPG ... Volume containing Project Reports or Notes filed in the Godavari case by the State of Andhra Pradesh.
- KRPG ... Volume containing Project Reports or Notes filed in the Godavari case by the State of Karnataka.
- MPPG ... Volume containing Project Reports or Notes filed in the Godavari case by the State of Madhya Pradesh.
- ORPG ... Volume containing Project Reports or Notes filed in the Godavari case by the State of Orissa.
- CWPC(G)... Volume containing relevant documents obtained in the Godavari case from the Central Water and Power Commission.
- SP ... Volume containing Supplemental Pleadings.

GODAVARI :

19th April, 1971

**BEFORE THE GODAVARI WATER DISPUTES TRIBUNAL**

**IN THE MATTER OF A WATER DISPUTE AND CONNECTED MATTERS REGARDING THE INTER-STATE RIVER GODAVARI AND THE RIVER VALLEY THEREOF**

**ORDER**

The parties have jointly handed over agreed minutes of the order (Annexure A) signed by Counsel for the States of Andhra Pradesh, Maharashtra, Mysore, Madhya Pradesh and Orissa. There will be an order in terms of the agreed minutes.

Sd/-  
(R.S. Bachawat)  
Chairman

Sd/-  
(Shamsher Bahadur)  
Member

Sd/-  
(D.M. Bhandari)  
Member

New Delhi :  
Dated: April 19, 1971.

ANNEXURE 'A'

**IN THE GODAVARI RIVER DISPUTE**

1. Each of the States concerned will be at liberty to divert any part of the share of the Godavari waters allocated to it by this Honourable Tribunal from the Godavari basin to any other basin.
2. In view of the pleadings and the statements of the States concerned, none of the States asks for a mandatory order for diversion of the Godavari waters into the Krishna basin.
3. The Krishna case will be decided separately from the Godavari case.

Sd/- P. Rama Chandra Reddy,  
for the State of Andhra Pradesh  
19-4-71

Sd/- T. Krishna Rao,  
for the State of Mysore  
19-4-71

Sd/- H. M. Seervai,  
for the State of Maharashtra  
19-4-1971

Sd/- K.A. Chitale,  
for the State of Madhya Pradesh  
19-4-1971

Sd/- L.M. Singhvi,  
19-4-1971

Sd/- M.L. Lath  
19-4-1971  
for the State of Orissa



17th July, 1971

GODAVARI :

**BEFORE THE GODAVARI WATER DISPUTES TRIBUNAL**

IN THE MATTER OF A WATER DISPUTE AND CONNECTED MATTERS REGARDING THE INTER-STATE RIVER GODAVARI AND THE RIVER VALLEY THEREOF—

**ORDER**

There will be an order in terms of the agreed minutes (Annexure 'A') which have been signed by Counsel for all the parties and have been jointly handed over to the Tribunal.

Sd/-  
(R.S. Bachawat)  
Chairman

Sd/-  
(Shamsheer Bahadur)  
Member

Sd/-  
(D.M. Bhandari)  
Member

New Delhi:

Dated: July 27, 1971.

*ANNEXURE 'A'***GODAVARI WATER DISPUTES TRIBUNAL**

By consent of the parties Clause (1) of Annexure 'A' to the Order dated 19th April, 1971, is amended by inserting the words "which may be" between the word 'waters' and the word 'allocated' so that the amended Clause (1) will now read as follows :

"Each of the States concerned will be at liberty to divert any part of the share of the Godavari waters which may be allocated to it by this Honourable Tribunal from the Godavari basin to any other basin."

Sd/- T. Krishna Rao  
for the State of Mysore  
27-7-1971

Sd/- Santosh Chatterjee,  
Advocate for the State of Orissa  
27-7-1971

Sd/- P. Ramachandra Reddy  
for the State of Andhra Pradesh  
27-7-1971

Sd/- H.M. Seervai  
for the State of Maharashtra  
27-7-1971

Sd/- K.A. Chitale  
for the State of Madhya Pradesh  
27-7-1971

## GODAVARI WATER DISPUTES TRIBUNAL

Particulars of visits by the Godavari Water Disputes Tribunal to various works and sites in the Godavari Basin in the States of Maharashtra, Karnataka, Andhra Pradesh, Orissa and Madhya Pradesh

Date		Distance travelled (by road) Kms.	Works and sites visited
<i>November, 1976</i>			
20th to 21st			Assembled at Nagpur.
22nd	Halt at Nagpur	305	Visit to Itiadoh dam and inspection of command areas of Kanhan Diversion Schemes, Pench Irrigation Project, Dhapewada Diversion Scheme and Wainganga Integrated Project.
23rd	Halt at Nagpur	175	Visit to Pench Hydro-electric Project at Totladoh and inspection of the works in progress at the dam site and approach tunnel to the underground power house. Inspection of command areas of Pench Irrigation Project <i>en route</i> .
24th	Halt at Nagpur	403	Inspection of Kanhan, Wunna, Penganga and Tulana command areas.
25th	Halt at Nagpur	152	Visit to Pench Irrigation Storage-cum-Diversion Project and works in progress. Inspection of the Right and Left Bank canals and areas under their command.
26th	Nagpur to Aurangabad	425	Inspection of commands of Kanhan Diversion Scheme, Lower Wunna, Lower Wardha, Bambla, Aran, Lower Pus and Purna Projects and visit to Sidheswar dam <i>en route</i> .
27th	Halt at Aurangabad		Review of the tour in Vidarbha region of Maharashtra.
28th	Halt at Aurangabad	212	Visit to Khelna Project and its command area. Inspection of the water-shed between Godavari and Tapi rivers <i>en route</i> .
29th	Aurangabad to Parli	327	Visit to Jayakwadi Project and inspection of the dam, spillway, Right and Left Bank canals and command areas.
30th	Parli to Bidar	205	Inspection of the ridge between the Upper Godavari and Manjra sub-basins.
		50	Inspection of the command area of Karanja and Manjra Projects and visit to Karanja Project works under construction.
	Bidar to Hyderabad	140	Inspection of the command area of the Karanja Project <i>en route</i> .
<i>December, 1976</i>			
1st	Halt at Hyderabad	390	Visit to Nizamsagar dam across river Manjra, its spillway and sluices and Right Bank canal. Held discussions regarding heavy sifting of its reservoir. Inspection of its command area <i>en route</i> .
2nd	Halt at Hyderabad		Discussions and review of the tour in Maharashtra and Karnataka States.

Date		Distance travelled (by road) Kms.	Works and sites visited
3rd	Hyderabad to Warangal	160	Visit to Ramappa lake, inspection of irrigation sluices and channels and its command area.
4th	Halt at Warangal		Inspection of the model of Inchampalli Project showing the lake and areas to be submerged. Aerial inspection by helicopter of the sites of the proposed Inchampalli dam on the river Godavari and the proposed Bhepalpatnam dam on the river Indravati in Andhra Pradesh and Madhya Pradesh respectively.
5th	Warangal to Kothagudam	220	Halt overnight. Inspection of the watershed between the Krishna and Godavari rivers <i>en route</i> .
6th	Kothagudam to Dowlaishwaram	260	Inspection of command areas of Polavaram Right Bank canal and Eluru canal <i>en route</i> . Visit to Godavari Eastern delta and inspection of areas under irrigation of the Godavari Eastern delta canal.
7th	Halt at Dowlaishwaram	90	Visit to Polavaram Project site, inspection of plans and discussions with the State engineers about the various aspects of the project. Visit to Godavari anicut and inspection of restoration work in progress. Visit to Godavari Central delta.
8th	Dowlaishwaram to Visakhapatnam	210	Visit to Pampa reservoir <i>en route</i> .
9th	Visakhapatnam to Bhubaneswar	450	Journey.
10th } 11th }	Halt at Bhubaneswar		Discussions and review of the tour in Andhra Pradesh.
12th	Bhubaneswar to Bhavanipatna	423	Overnight halt.
13th	Bhavanipatna to Koraput (Sunabeda)	320	Visit to Upper Indravati Power House site and inspection of the model of the project and the penstock line as marked at site as also the ayacut of this project. Inspection of the watershed between the Mahanadi and Indravati rivers. Visit to the Upper Kolab Hydro-electric-cum-Irrigation Project site and inspection of model of the project and the penstock line as marked at site. Inspection of the project ayacut <i>en route</i> .
14th	Sunabeda to Jagdalpur	136	Inspection of the Upper Kolab Project ayacut and of the watershed between the Indravati and Sabari rivers on way to Jagdalpur. Visit to Chitrakot Hydrel Project site on the river Indravati where the river falls about 100 feet in several separate streams. Inspection of a few medium and minor schemes including Matkot and Mander integrated projects.
15th	Halt at Jagdalpur	311	Visit to Bodhghat dam site on the river Indravati and inspection of the axis of the dam and its drawings. Inspection of the command areas of a few schemes like Basanipur and Dantewara Schemes.

Date	Distance travelled (by road) Kms.	Works and sites visited
16th	Jagdarpur to Bhilai 353	Visit to Central Water Commission Gauge and Discharge site on the Indravati river near Jagdarpur town and held discussions about the method adopted for measuring river flows. Inspection of Ravishankar Sagar Project site on the Mahanadi its model and drawings. Inspection of the watershed between the Mahanadi and Godavari rivers <i>en route</i> .
17th	Halt at Bhilai	Discussions and local visits.
18th	Bhilai to Kanha 209	Inspection of the watershed near Chilpi separating the Mahanadi basin from the Narmada basin. Halt overnight at Kanha.
19th	Kanha to Balaghat 116	Inspection of the watershed between the Narmada and the Godavari basin near Baihar and the command areas of Gangulpara Tank <i>en route</i> .
20th	Halt at Balaghat 237	Visit to Pujaritola pick-up weir and Sirpur dam across river Bagh. Inspection of spillway and the device for measurement of water discharged from the gates. Inspection of commands of Upper Wainganga Project, Deo-Am, Wara Main, Son, Bagh and Kharadi Projects.
21st	Balaghat to Seoni 216	Visit to the site of diversion of Sarathi river into the Wainganga and inspection of the syphon taking Wainganga canal flow below the river Sarathi and the aqueduct of the Wainganga canal over the river. Visit to the Dhuty pick-up weir on the Wainganga river and inspection of the command areas of the Sarathi, Chawarpani, Moorum and Bori Schemes.
22nd	Halt at Seoni 114	Visit to Upper Wainganga Project site and inspection of the model and dam site. Inspection of the Wainganga command <i>en route</i>
23rd	Seoni to Pachmarhi 210	Inspection of the command areas of the Pench Diversion Scheme, Pench river, Gangiwara Project, Bichhua Project <i>en route</i> .
24th	Halt at Pachmarhi	Discussions and general review of the tour in Madhya Pradesh.
25th	Pachmarhi to Bhopal 215	Inspection of the Tawa river right bank command <i>en-route</i> .
26th	Halt at Bhopal	The Tribunal held a formal meeting to consider the petitions filed on behalf of the States of Maharashtra, Andhra Pradesh, Orissa and Madhya Pradesh. General review of the entire tour.
27th	Bhopal to Delhi.	

NOTES BY THE CENTRAL WATER AND POWER COMMISSION ON THE UTILISATION OF  
SUPPLIES TO GODAVARI RIVER BASIN

AVERAGE ANNUAL RUNOFF AND DEPENDABLE YIELD

The river Godavari has been regularly gauged at Dowlaishwaram Anicut in Madras Delta. Statement attached gives actual annual runoff from 1881 to 1946 i.e., for a period of 66 years. Average annual runoff comes to 3433 T.M. Cft. But this figure was actually exceeded only in 35 years out of 66, and hence cannot be taken as dependable. Runoff of 300 T.M. Cft. taken by Madras is available in 45 years, that of 2500 and 2250 T.M. Cft. in 56 and 59 years respectively. For 4 years out of 66, supply falls below 1000 T.M. Cft. As "carry over" is not possible in this basin except at a very high cost, dependable supply available may be taken as 2250 T.M. Cft. This is in addition to the present actual utilisation which is of the order of 500 T.M. Cft. This gives total dependable supply of 2750 T.M. Cft.

Projects already under operation

		T.M. Cft.
Bombay	Godavari Canals Parwara Canals Minor Works	50
Hyderabad	Nizam Sagar dam Munair dam Minor Works	153.1
Madras	Delta Irrigation	300
TOTAL		503.1
or say		503

Projects under construction

		T.M. Cft
Bombay	Gangapur Canal near Nasik	7.0
Hyderabad	Godavari North Canal Bendusura Project	53.0
	Bendusura Project	1.0
TOTAL		61.6
or say		62

Projects under investigation or contemplation

		T.M. Cft.
Bombay	(Assumed)	10
Hyderabad	Purna dam on Purna river	36
	Devnur dam on Manjira river	27
	Upper Godavari dam at Khustapuram	227 (280—53 Godavari North canal).
	Penganga dam	53
	Lower Munair dam	32
	Prabitta dam	32
	Lower Goddari dam at Inchampally	32
	Medium and minor projects	60
	Minor works	18
TOTAL		517

Madhya Pradesh	Wainganga North of Khapa . . . . .	12
	Penganga at Amti . . . . .	75
	Wardha river east of Morai . . . . .	19
	Indra Vati—Chitrakoti Barsur Bhopal Patnam . . . . .	20
	Sabari at Guma . . . . .	172
	Wainganga Reservoir Projects . . . . .	160
	Absorption and evaporation losses . . . . .	22
	<b>TOTAL</b> . . . . .	<b>480</b>
Madras	Ramapada Sagar dam . . . . .	1035 ?

Sabari (115 T. M. Cft.) not taken into account as it will not be necessary if Ramapada Sagar Dam materialises  
 Total  $10 + 517 + 480 + 1035 = 2042$  T. M. Cft.

Total utilization of supplies in this river basin for projects both in operation and proposed, therefore, is of the order of  $(503 + 62 + 2042) 2607$  or say  $2600$  T. M. Cft. against  $2750$  T. M. Cft. available. The supplies available are, therefore, just sufficient to meet the total requirements of all the projects which can be foreseen at present.

Next point to be considered is whether supplies are available at the sites proposed. Unfortunately discharge observations are available for any site above Dowlaishwaram in Madras. It is, however, evident that ample supplies are available for Bombay, Madhya Pradesh and Madras Projects. As regards Hyderabad that State has given some calculations for the various sites which show that water will be available. The only site where there is likely to be some difficulty is Khushtapuram on the Godavari but here also supplies appear to be just sufficient.

#### Financial aspects of the proposed Projects

The only projects which seem to have been surveyed in detail are Purna, Devnor, Godavari and Penganga in Hyderabad and Ramapada Sagar in Madras.

The Hyderabad Projects are also shown to be productive. But as detailed estimates have not been made available, no check has been possible.

As regards Ramapada Sagar project in Madras, it is unproductive. But the Madras Government proposed to levy annual betterment fee in the form of acreage rate on the land to be benefited just sufficient to make up the loss.

#### A Statement of actual annual runoff of River Godavari at Dowlaishwaram, Madras.

Year	T.M. Cft.	Runoff	M. acre ft.
1881	3,404,806	..	78.2
2	3,700	..	85
3	5,580	..	128
4	5,171	..	119
5	4,412	..	101.5
6	4,221	..	97
7	5,274	..	121
8	2,554	..	87.7
9	2,459	..	87.2
1890	4,731	..	118.7
1	4,076	..	93.8
2	4,271	..	98.2
3	5,794	..	133
4	4,295	..	98.7
5	3,203	..	73.6
6	3,393	..	78.0
7	3,425	..	79.0
8	2,880	..	66.2
9	459	..	10.5

Year	T.M.:Cft.	Runoff	M. acre ft.
1900	3,425	..	78.8
1	2,309	..	53.0
2	1,480	..	34.0
3	4,003	..	93.5
4	1,893	..	43.5
5	2,254	..	51.8
6	3,068	..	70.5
7	5,359	..	135.0
8	3,955	..	91.0
9	2,371	..	54.5
1910	4,425	..	101.5
1	2,490	..	57.3
2	2,955	..	68.0
3	2,663	..	61.3
4	5,298	..	121.5
5	3,771	..	86.7
6	4,432	..	102.0
7	5,441	..	125.0
8	2,736	..	62.9
9	3,938	..	90.5
1920	958	..	22.0
1	3,077	..	70.7
2	2,954	..	68.0
3	2,515	..	58.5
1924	2,484	..	57.2
5	3,282	..	74.6
6	..	..	..
7	3,700	..	85.1
8	3,243	..	74.6
9	2,943	..	67.7
1930	286	..	6.6
1	4,778	..	110.0
2	3,775	..	86.7
3	4,745	..	109.0
4	4,647	..	107.0
5	3,535	..	81.5
6	4,158	..	95.7
7	400	..	9.02
8	4,853	..	112.0
9	2,459	..	56.5
1940	4,181	..	96.2
1	1,422	..	32.7
2	4,228	..	27.4
3	3,802	..	87.5
4	4,279	..	98.5
5	4,220	..	97.8
6	3,559	..	82.7

## Statement by projects of the quantum of proposed utilization, power, installed and proposed irrigation

Name of Project	Total demand T.M. Cft.	Proposed irrigation in acres	Proposed power installed. K.W.
<b>BOMBAY</b>			
<i>Godavari Canals</i>	50	Not known	Not known
<i>Parwara Canals</i>			
<i>Minor Works</i>			
<i>Gangapur Canal</i>	7	50,000	..
<i>Future Minor Projects</i>	10	50,000	..
<b>HYDERABAD</b>			
<i>Nizam Sagar dam</i>	58.0	2,75,000	..
<i>Munair dam</i>	3.4	17,250	..
<i>Minor Works</i>	91.7	4,53,963	..
<i>Godavari North Canal</i>	53.0	2,27,000	..
<i>Bendsura Project</i>	1.6	8,200	..
<i>Purna</i>	36.0	1,50,000	16,000
<i>Devnoor</i>	27.0	50,000	40,000
<i>Godavari</i>	227.0	9,33,000	1,75,000
<i>Penganga</i>	53.0	1,50,000	40,000
<i>Lower Munair</i>	32.0	1,00,000	..
<i>Pranhitta</i>	32.0	1,00,000	..
<i>Lower Godavari</i>	32.0	1,00,000	1,50,000
<i>Minor and medium Projects and works</i>	78.0	2,94,000	..
<b>MADHYA PRADESH</b>			
<i>Wainganga North of Khapa</i>	..	50,000	1,800
<i>Penganga at Amti</i>	75	3,00,000	13,400
<i>Wardha</i>	19	75,000	4,370
<i>Indravati Chitarkoti Barsur</i>	20	80,000	27,000
<i>Bhopalapatnam</i>	..	..	35,002
<i>Wainganga Reservoir Project</i>	160	10,00,000	6,20,000
<i>Sabari at Guma</i>	172	6,90,000	11,400
<i>Absorption losses etc.</i>	22	..	..
	480		
<b>MADRAS</b>			
<i>Dowlaiswaram Anicut</i>	300.00	12,50,000	..
<i>Rampada Sagar Dam</i>	300.00	27,46,000	1,50,000

Note : Projects in operation or under construction are underlined.



Summary record of discussions at the Inter-State Conference on the utilisation of Krishna and Godavari Waters held in the Committee Room of the Planning Commission, New Delhi, on 27th and 28th July, 1951.

#### Planning Commission

Shri V.T. Krishnamachari, Member—Chairman

Shri G.R. Garg, Chief of Natural Resources Division.

Shri K. S. S. Murthy Asstt. Executive Engineer, Natural Resources Division.

Hon'ble Shri N. V. Gadgil, Minister for Works, Production and Supply, attended by invitation.

#### BOMBAY

Hon'ble Dr. Jivraj Mehta, Minister, P. W. D.

Hon'ble Shri Naik Nimbalkar, Development Minister.

Shri G. V. Bedekar, I. C. S., Secretary, P. W.D.

Shri Mirchandani, Chief Engineer, Electricity.

Shri Champhekar, I. S. E., Chief Engineer, Irrigation.

#### MADRAS

Hon'ble Shri M. Bhakthavatsalam, Minister, P. W. D.

Shri T. M. S. Mani, I. C. S., Secretary, P. W. D.

Shri A. R. Venkatacharya, I. S. E., Chief Engineer, Irrigation.

Shri N. Padmanabha Iyer, I. S. E., Superintending Engineer.

Shri M. D. Narasimhachari, Deputy Chief Engineer.

#### HYDERABAD

Hon'ble Shri M. K. Vellodi, Chief Minister.

Hon'ble Nawab Zain Yar Jung, Minister, P. W. D.

Shri Papaiah, Chief Engineer.

Mr. Jaffar Ali, Superintending Engineer.

#### MADHYA PRADESH

Hon'ble Shri R. Agnibhoj, Minister, P. W. D.

#### MYSORE

Hon'ble K. C. Reddy, Chief Minister (attended on 27th only).

#### CENTRAL WATER AND POWER COMMISSION

Shri A. N. Khosla, Chairman.

Shri Gadkary, Member.

Shri (Dr.) K. L. Rao, Director.

Shri C. S. Parthasarathy, Asstt. Engineer.

Opening the discussion Shri V. T. Krishnamachari stated the broad principles on which schemes for irrigation and power development should be selected for inclusion in the plan. He mentioned that only projects, which had been thoroughly investigated and found technically, economically and financially justifiable, should be included in our Five Year Plan.

The object of the Conference was to discuss the utilization of supplies in the Krishna and Godavari river basins so that an assessment could be made of the relative merits of projects proposed for inclusion in the second part of the Five Year Plan. He referred to the technical paper already circulated showing the supplies available in these rivers. In considering the issues placed before the meeting, two points of view should be reconciled. The first was the need from an all-India point of view for increasing available food supplies within the shortest possible time and on

the most economic basis. The Irrigation Commission reporting over 50 years ago emphasised the need regarding irrigation development as a national-all-India-question. This was even more important now than it was in the past. India's food problem can be solved only on such a basis. The shortage of power in the Bombay City and surrounding areas should also be regarded as an urgent problem. On the other hand, regional development was important, especially the development of backward regions, and could not be ignored. He was confident that an agreement could be reached reconciling these two considerations in a practical manner which would be equitable to all areas concerned.

2. G.R. Garg, Chief of Natural Resources Division, then gave a brief review of the existing utilization of supplies in these river basins and the contemplated utilization based on the technical note circulated by the Planning Commission.

Shri Venkatacharya, Chief Engineer, Madras, stated that the discharge figures of Krishna River, which had been worked out in the note, were under-estimated by about 8%. Shri Champhekar, Chief Engineer, Bombay, stated that the regeneration supplies in the river basin had not been taken into account. He thought that nearly 25% to 40% of the waters would perhaps be available as regeneration supplies. These points were noted.

3. Hon'ble Shri N. V. Gadgil drew attention to the extremely backward condition of certain districts of Bombay State, Poona, Sholapur, Bijapur, etc. He specially stressed the needs of the Karnatic areas. The development of these regions depended on the availability of power and irrigation and should have high priority. Their needs should be provided for.

Shri M. K. Vellodi, Chief Minister of Hyderabad, desired that certain broad principles of priority should be laid down by the Conference, so that details could be worked out later on.

4. Shri V. T. Krishnamachari mentioned that apart from power supply projects in the Plan to meet existing deficits, irrigation had been given priority over power projects. The Planning Commission in their draft Five Year Plan has suggested a Committee for selecting projects for inclusion in the second part of the Plan, and set out the principles which should regulate the inclusion of projects in the Plan. No doubt certain States had some initial advantages—trained staffs and long experience of irrigation works but the interests of other regions could not be neglected.

Hon'ble Shri K. C. Reddy, Chief Minister of Mysore, stated that so far as the Krishna River basin was concerned, Mysore had certain agreement with Madras and Hyderabad and the new agreement, that might be arrived at, should take note of the existing agreement.

5. Shri Rameswar Agnibhoj referred to the Wainganga Project of Madhya Pradesh. It was suggested to him that his Government should request the Central Water and Power Commission to complete the investigations so that negotiations might be undertaken with the adjoining States for utilising the power proposed to be generated.

6. Shri T. M. S. Mani of Madras suggested that the waters of the river basins should be distributed to the various States on a percentage basis, so that everyone would be affected equally in good or bad year.

7. Thereupon the Conference adjourned to enable the engineers to arrive at an agreement about the waters of Krishna.

8. The Conference reassembled at 4 P.M. The engineers reported a tentative agreement regarding the waters of the Krishna. Hon'ble Shri N. V. Gadgil suggested that the percentage adopted by the engineers for Bombay should be increased. After discussion it was agreed that in the case of the Krishna waters, a different set of proportions should be assumed for discharges above 1,000 T. M. Cft.

Saturday the 28th July, 1951.

9. The engineers met at 10 A.M. to discuss the distribution of waters in the Godavari Basin and arrived at a tentative set of proportions.

10. The Conference assembled at 11.30 A.M. It considered proposals made by the engineers regarding the Godavari. The engineers were requested to prepare a memorandum of agreement and the Conference adjourned till 3.30 P.M.

11. The Conference reassembled at 3.30 P.M. and proceeded to consider the draft memorandum sentence by sentence. As regards Section I, Hon'ble Shri N. V. Gadgil stated that the proportions for the Krishna Waters worked out on the previous day were not equitable as they would prejudice the development of the economically backward areas he mentioned and these areas were entitled to a larger share. After some discussion in which the representatives of Madras, Hyderabad and Bombay took part, the conference agreed to a modification of the proportions of distribution for the Krishna waters—Bombay's share being increased by 4%, 2% being surrendered by Hyderabad and 2% by Madras.

12. The basis of distribution for the Krishna and the Godavari waters agreed to at the conference is shown in the annexed memorandum of agreement as finally agreed to by the conference.

## MEMORANDUM OF AGREEMENT

### I—THE KRISHNA

The dependable annual flow in the Krishna basin based on the recorded gaugings at Vijayawada is accepted as 1,715 T.M.C.ft. This figure may have to be increased to allow for any omissions in respect of existing utilizations in any State.

Shri Venkatachari's statement that the actual flow will be in excess of the recorded gauged flow by 8% is noted.

2. The existing utilizations (subject to corrections mentioned in para I) plus flows required for projects under construction in the concerned States, as stated below, are hereby allocated to the respective States :—

	T.M.C.ft.
Bombay . . . . .	176
Hyderabad . . . . .	180
Mysore . . . . .	98.5
Madras . . . . .	290
	<hr/>
	744.5

3. The balance of flow for new projects, after meeting the above allocations works out to 970.5 T.M.C.ft. For purposes of allocation, this has been taken as 1,000 T.M.C.ft. For this balance upto 1,000 T.M.C.ft. the allocations are made as hereunder :—

	Per Cent	T.M.C.ft.
Bombay . . . . .	24	240
Hyderabad . . . . .	28	280
Mysore . . . . .	1	10
	(Provisional)	
Madras . . . . .	47	470

For balance flow in excess of 1,000 T.M.C.ft. mentioned above, the allocations will be as follows :—

	Per cent
Bombay . . . . .	30
Hyderabad . . . . .	30
Mysore . . . . .	1 (Provisional)
Madras . . . . .	39

The allocation to Mysore may have to be slightly adjusted to the extent of additional 1% as a result of further engineering scrutiny. This addition will come out of the share of Madras.

4. The above allocations are subject to the condition that the diversion of supplies across the western ghats for the Koyna Project will be limited to 67.5 T.M.C.ft.

## II—THE GODAVARI

The dependable annual flow in the Godavari basin based on the recorded gaugings at Dauleshwaram is taken as 2,500 T.M.C.ft.

2. The existing utilizations plus supplies required for projects under construction in the concerned States as stated below are hereby allocated to the respective States :—

	T.M.C.ft.
Bombay . . . . .	57
Hyderabad . . . . .	208
Madhya Pradesh . . . . .	30
Madras . . . . .	300
Total . . . . .	595

3. Of the balance flow of 1,905 T.M.C.ft. (say 1,900) which remains available after meeting the allocations in para 2, the allocations to the various States will be as below :—

	Per cent	T.M.C.ft.
Bombay . . . . .	3	57
Hyderabad . . . . .	26	494
Madhya Pradesh . . . . .	24	456
Madras . . . . .	47	893
		1,900

These percentages will apply whether the supplies are in excess or short of the dependable flow assumed above.

## III—GENERAL

The allocations in the case of the Krishna and the Godavari have been made on an annual basis. The new utilizations have to be so adjusted as not to interfere with the existing daily utilization for existing works and agreed utilization for new works.

2. The use of water passed by one State for her use downstream, out of the share allocated to her and passing through the reservoir of another State may be used by the latter State, solely for power purposes, provided that such quantities are not impounded in their passage through the reservoir for more than the period agreed upon between the Governments concerned, which agreement shall not be unreasonably withheld.

3. The allocations made under parts I and II shall be reviewed after 25 years.

4. No major project shall be undertaken for construction by any State unless it has been fully investigated and necessary detailed estimates have been prepared, and duly examined.

## Replies received from State Governments

Copy of Letter No. MS 3433, dated the 17th August, 1951 from the Secretary to the Government of Madras, Public Works Department, to the Secretary, Planning Commission, New Delhi.

Subject : Utilization of the supplies in Krishna and Godavari River Basins by the State Governments—conclusions arrived at the Conference convened by the Planning Commission—ratification.

With reference to your letter No. PC(V)95/51, dated 31-7-1951, I am directed to state that the Madras Government ratify the agreement arrived at on the above subject at the conference held at New Delhi on 27th and 28th July, 1951, a copy of which was forwarded with your letter cited.

Copy of letter No. C.M. NI 1051 J., dated 30th August, 1951, from the Deputy Secretary to the Government of Bombay, Public Works Department, to the Deputy Secretary, Planning Commission, New Delhi.

Subject : Utilization of supplies in the Krishna and Godavari river basins.

With reference to your letter No. PC(V)95/51, dated the 31st July, 1951, forwarding (a) a summary record of discussions at the Inter-State Conference held in the Planning Commission, New Delhi, on the 27th and 28th July, 1951 on the above subject and (b) a copy of the agreement reached at the Conference regarding the allocation of the supplies in the Krishna and Godavari River Basins, I am directed to convey the ratification of the agreement by this Government as requested therein

Copy of letter No. GVA-16/GV/51-3148, dated 23rd August, 1951, from the Secretary to the Government of Hyderabad, Public Works Department, to the Deputy Secretary, Planning Commission, New Delhi.

Subject : Utilization of supplies in the Krishna and Godavari River Basins—Ratification of Agreement.

Reference : Your letter No. PC(V)95/51, dated the 31st July, 1951.

With reference to the above communication, I am directed to inform you that the Government of Hyderabad hereby ratifies the agreement arrived at in the Inter-State Conference held at Delhi on the 27th and 28th of July, 1951.

Copy of letter No. 429-F/W 251, dated 8th September, 1951, from the Secretary to the Government of Madhya Pradesh, Public Works Department, Nagpur to the Secretary Planning Commission, New Delhi.

Subject : Utilization of supplies in the Krishna and Godavari River Basins.

With reference to your letter No. PC(V)95/51, dated the 31st July, 1951, I am directed to state that the State Government ratify the agreement arrived at the Inter-State Conference on the utilisation of supplies in the Godavari and Krishna River Basins, held on the 27th and 28th July, 1951.

APPENDIX F

6-1-1970

BEFORE THE GODAVARI WATER DISPUTES TRIBUNAL

IN THE MATTER OF A WATER DISPUTE REGARDING THE INTER-STATE RIVER GODAVARI AND  
THE RIVER VALLEY THEREOF

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**ADMISSION MADE BY ALL PARTIES**

It is conceded by all parties that Orissa is not bound in any way by the agreement of 1951.

Sd/-  
(R.S. Bachawat)  
Chairman

Sd/-  
(Shamsher Bahadur)  
Member

Sd/-  
(D.M. Bhandari)  
Member

New Delhi :

Dated this the 6th day of  
January, 1970.

APPENDIX G

GODAVARI

12th July 1976

BEFORE THE GODAVARI WATER DISPUTES TRIBUNAL  
IN THE MATTER OF A WATER DISPUTE AND CONNECTED MATTERS REGARDING THE INTER-  
STATE RIVER GODAVARI AND THE RIVER VALLEY THEREOF.

ORDER

Learned Advocate General of the State of Andhra Pradesh, on behalf of the State of Andhra Pradesh, has made the statement as in Annexure 'A'. Let the statement be recorded.

Sd/-  
(R.S. Bachawat)  
Chairman

Sd/-  
(D.M. Bhandari)  
Member

Sd/-  
(D.M. Sen)  
Member

NEW DELHI  
Dated : July 12, 1976.

ANNEXURE A  
12th July, 1976

GODAVARI

BEFORE THE GODAVARI WATER DISPUTES TRIBUNAL  
IN THE MATTER OF A WATER DISPUTES AND CONNECTED MATTERS REGARDING THE INTER-  
STATE RIVER GODAVARI AND THE RIVER VALLEY THEREOF

It was provided in the Inter-State Agreement dated the 27th/28th July, 1951, in Part III General, Clause 3, that "the allocations made under Parts I and II shall be reviewed after 25 years." and so the agreement will expire by 27/28th July, 1976. Further on 19-12-1975 another Inter-State agreement was entered into between all the five Riparian States for partial allocation of the waters of the River Godavari and its Tributaries.

In view of the above circumstances, I on behalf of the State of Andhra Pradesh, state that issue No. I need not be answered by this Hon'ble Tribunal.

Sd/-  
(P. Ramachandra Reddy)  
Advocate General

New Delhi  
Dated : July 12, 1976.

**Extracts of para 8.5.3 of Chapter VIII of the Rejoinder of Andhra Pradesh to the Statement of case of Maharashtra (APG. Vol.III)—Suddavagu Project.**

8.5.3 Suddavagu Project—Suddavagu is a tributary of the Godavari having its source in Maharashtra State and joining Godavari river in Andhra Pradesh. A scheme across the stream was contemplated by the former Hyderabad State, and was provided for in the 1951 Agreement. The reservoir scheme originally contemplated has been dropped. The scheme as now proposed by Andhra Pradesh State involves no submersion in Maharashtra territory.



THIS AGREEMENT made this Thirty First day of January One Thousand Nine Hundred and Seventy Five between the Governor of Maharashtra (hereinafter referred to as 'Government of Maharashtra') of the one part and THE GOVERNOR OF ANDHRA PRADESH (hereinafter referred to as 'Government of Andhra Pradesh') of the other part.

WHEREAS the representatives of the Maharashtra Government led by the Secretary to the Government of Maharashtra, Irrigation and Power Department, Shri B. A. Kulkarni, and the representatives of the Government of Andhra Pradesh led by the Secretary to the Government of Andhra Pradesh, Public Works Department, Shri B.C. Gangopadhyay met in a conference at Bombay on the 17th June, 1972 to discuss proposals regarding the Swarna Irrigation Project of Andhra Pradesh (hereinafter referred to as "the said Project").

AND WHEREAS, at the said conference certain proposals concerning the said project were formulated and agreed upon between the said representatives, subject to the same being confirmed by Government of Maharashtra and the Government of Andhra Pradesh.

AND WHEREAS, the proposals regarding the said project as now finally agreed upon between the Government of Maharashtra and Government of Andhra Pradesh are as set out in the schedule hereunder written.

AND WHEREAS the parties are desirous of entering into a formal agreement in connection therewith; NOW THIS AGREEMENT WITNESSETH that the Government of Maharashtra and the Government of Andhra Pradesh hereby mutually confirm and agree to the proposals set out in the schedule hereunder written in connection with the said project, and the parties hereto covenant with each other that they shall duly observe and perform the conditions and provisions to be observed and performed respectively by them under or in, the said proposals set out in the schedule hereunder.

#### THE SCHEDULE

The Governments of Andhra Pradesh and Maharashtra agreed to the completion of the Swarna Project of Andhra Pradesh subject to the following conditions :

(i) The availability of water at the Jawali Dam site of Swarna Project on the basis of 75% dependability is 2137 Mcft., 70 Mcft., which is existing user and 230 Mcft., for future projects i.e. in all 300 Mcft., should be reserved for the Upper State, i.e. for use in Maharashtra catchment area. In respect of future projects for which 230 Mcft., should be reserved the Government of Maharashtra will intimate the Government of Andhra Pradesh about the particulars of acreage, cropping pattern and also the quantity of water required for each project, as and when a project is taken on hand.

(ii) The height of the Dam may have to be adjusted to the upstream use in Maharashtra as mentioned in clause No. (i) above and subject to the reservation for upstream user mentioned in clause (i) above. The Government of Maharashtra has no objection to the decision of Government of Andhra Pradesh that the height of the dam at the F. R. L. should be 1183. Acquisition for submergence area and rehabilitation of the affected people would be entirely at the cost of the Andhra Pradesh Government.

(iii) On the basis of F. R. L. 1183, the submergence in Maharashtra will be to the extent of 400 acres of which about 80 acres are Government lands and about 320 acres belong to private parties. The number of families of farmers who would be affected would be about 80. The number of families of farmers who would lose major portion of the holdings and hence need rehabilitation would be approximately 40. Each of the affected families which loses a major portion of its holding has to be rehabilitated and should be given five acres of land out of which one half should be wet and one half should be dry, on payment of usual occupancy price for Government waste lands. The preference indicated by the affected persons is for allotment of lands in the following villages :

1. Koutla
2. Sarangapur

3. Jam Busrug
4. Chincholi
5. Borgaon
6. Jawali
7. Alur
8. Dheni

The Government of Andhra Pradesh may consider giving preference to the lands available in these villages or as near to the original village as possible. It is not necessary that all the people needing rehabilitation should be rehabilitated in the same compact block.

(iv) The villagers from Maharashtra will be allowed to lift water by pumps from the Swarna lake to irrigate their lands to the maximum extent of 150 acres. For this water supply the irrigators in Maharashtra will be charged the water rates by the Government of Andhra Pradesh in the same manner; and at the same rates as are applicable to the irrigators in Andhra Pradesh. Government of Maharashtra undertakes to restrict such lift irrigation within the agreed limit of 150 acres. The Government of Maharashtra also undertakes to recover and pay water charges to the Government of Andhra Pradesh in the event of the water rates not being paid by any of the irrigators of Maharashtra. The water so utilised by irrigators in Maharashtra will be accounted for against the upstream reservation being made for Maharashtra as in clause (i) above. The officials of the Government of Andhra Pradesh will be permitted and afforded all facilities by the Government of Maharashtra for inspecting the pumping installations set-up in, and the irrigation arrangements made for, the lands in Maharashtra State, to lift water by pumping from the part of the Swarna Reservoir located in the Maharashtra State.

(v) The project authorities will construct submergible bridge at the cost of the project in time to restore the communications from the village site of Apparaopeth to fields on the other side of the river. Further two or three suitable culvert crossings will be provided by the Government of Andhra Pradesh on Nallas. The existing cart track from Apparaopeth to Jawali from where there is a road to Nirmal, will get submerged by the reservoir. The State of Andhra Pradesh will acquire lands and provide equivalent communication system between Apparaopeth and Jawali.

In witness whereof the Secretary to the Government of Maharashtra, Irrigation and Power Department has for and on behalf of the Governor of Maharashtra hereto set his hand and affixed the seal of his office and the Secretary to the Government of Andhra Pradesh, Public Works Department has for and on behalf of the Governor of Andhra Pradesh, hereto set his hand and affixed the seal of his office, to the day and year first herein above written. Signed, Sealed and Delivered by Shri V. R. Deuskar, Secretary to Government of Maharashtra, Irrigation and Power Department for and on behalf of the Government of Maharashtra in the presence of

(1) Sd/- K.S. Shankar Rao  
Dy. Secy. to the Government of Maharashtra  
I & P. D., Bombay

&

(2) Sd/- V.A. Joshi  
Under Secy. to the Govt. of Maharashtra,  
I. & P. D., Bombay

**SIGNED, SEALED AND DELIVERED**

By Shti Sd/- M. Gopalakrishnan

Secretary to Government of Andhra Pradesh

Public Works Department for and on behalf of the Governor of Andhra Pradesh in the presence of

(1) Sd/- G. Hanumantha Reddy,  
Dy. Secy. to Govt. (Works)  
Public Works Department.

&

(2) Sd/- C.S. Sarvanam  
Assistant Secretary to Govt.  
Public Works Department.

**BEFORE THE GODAVARI WATER DISPUTES TRIBUNAL**  
**IN THE MATTER OF A WATER DISPUTE AND CONNECTED MATTERS REGARDING THE**  
**INTER-STATE RIVER GODAVARI AND THE RIVER VALLEY THEREOF**

*C.M.P. No. 17(7)/76-GWDT;*  
*Dated 12th July 1976*

The State of Maharashtra . . . . . Petitioner

To  
The Honourable Justice Mr. R. S. Bachawat,  
Chairman of the Tribunal and the other  
Honourable Members of the Tribunal.

The Humble Petition of the  
Petitioner above named.

**MOST RESPECTFULLY SHEWETH :**

The States of Maharashtra, Karnataka, Madhya Pradesh, Orissa and Andhra Pradesh have entered into an agreement on 19th December 1975 at New Delhi regarding sanction and clearance of projects for the utilisation of Godavari river and its tributaries.

The State of Maharashtra hereby file a copy of the said agreement together with the Annexures and respectfully prays that this Honourable Tribunal may be pleased to :

- (a) take this agreement together with Annexures on record and mark it an exhibit.
- (b) pass such other appropriate orders as may be deemed necessary.

Dated this 12th day of July 1976.

Petition drawn by  
Shri P.C. Bhartari.

Sd/-  
(S. J. JOSHI)  
Under Secretary to the Government of  
Maharashtra, Irrigation Department.

Sd/-  
(P. C. Bhartari)  
Counsel for the State of Maharashtra.

**BEFORE THE GODAVARI WATER DISPUTES TRIBUNAL**  
**IN THE MATTER OF A WATER DISPUTE AND CONNECTED MATTERS REGARDING THE**  
**INTER-STATE RIVER GODAVARI AND THE RIVER VALLEY THEREOF**

*C.M.P. No. 17(8)/76-GWDT*  
*Dated 12-7-1976*

The State of Andhra Pradesh . . . . . Petitioner

To  
The Honourable Mr. Justice R. S. Bachawat,  
Chairman of the Tribunal and other  
Honourable Members thereof.

The Humble Petition of the  
Petitioner Above Named.

**MOST RESPECTFULLY SHEWETH:**

The State of Maharashtra, Karnataka, Madhya Pradesh, Orissa and Andhra Pradesh have entered into an agreement dated 19-12-1975 at New Delhi under the auspices of the Honourable Union Minister of Agriculture and Irrigation.

A copy of the said Agreement entered into by the States of Andhra Pradesh, Karnataka, Maharashtra, Madhya Pradesh and Orissa together with its Annexures I to IV is filed herewith.

The State of Andhra Pradesh prays that this Honourable Tribunal may be pleased to take the Agreement dated 19-12-75 entered into by all the parties together with its Annexures I to IV on record and mark it as an Exhibit and pass such other order or orders as the Honourable Tribunal may deem fit.

New Delhi-49  
Dated 12-7-1976.

Sd/-  
(B. GOPALAKRISHNA MURTHY)  
Special Officer : Water Resources Irrigation  
& Power Department, Government of  
Andhra Pradesh

GODAVARI

12th July, 1976

**BEFORE THE GODAVARI WATER DISPUTES TRIBUNAL**  
**IN THE MATTER OF A WATER DISPUTE AND CONNECTED MATTERS REGARDING THE**  
**INTER-STATE RIVER GODAVARI AND THE RIVER VALLEY THEREOF**

ORDER

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32. *C.M.P. No. 17(7)/76-GWDT*

Petition dated the 12th July, 1976, on behalf of the State of Maharashtra praying that the copy of the agreement dated the 19th December, 1975 entered into by the States of Maharashtra, Karnataka, Madhya Pradesh, Orissa and Andhra Pradesh regarding sanction and clearance of projects for the utilisation of Godavari river and their tributaries together with the Annexures thereto be taken on record and marked as exhibits.

AND

33. *C.M.P. No. 17(8)/76-GWDT*

Petition dated the 12th July, 1976, on behalf of the State of Andhra Pradesh praying that the copy of the agreement dated the 19th December, 1975, entered into by the States of Maharashtra, Karnataka, Madhya Pradesh, Orissa and Andhra Pradesh regarding sanction and clearance of projects for the utilisation of Godavari river and their tributaries together with the Annexures thereto be taken on record and marked as exhibits.

The copies of the agreement dated the 19th December, 1975 together with all the annexures filed with C.M.Ps. are received in evidence. Let these be marked as exhibits. The C.M.Ps. are disposed of accordingly.

Sd/-  
(R. S. Bachawat)  
Chairman

Sd/-  
(D.M. Bhandari)  
Member

Sd/-  
(D. M. Sen)  
Member

New Delhi  
Dated : July 12, 1976.

BEFORE THE GODAVARI WATER DISPUTES TRIBUNAL

IN THE MATTER OF A WATER DISPUTE AND CONNECTED MATTERS REGARDING THE  
INTER-STATE RIVER GODAVARI AND THE RIVER VALLEY THEREOF

C.M.P. No. 17(14)/78-GWDT

Dated 8-8-1978

The State of Maharashtra }  
The State of Madhya Pradesh }  
The State of Andhra Pradesh }

Petitioners

To

The Honourable Shri Justice R. S. Bachawat,  
Chairman of the Tribunal and other  
Honourable Members thereof.

The humble petition of the  
petitioners above-named.

**MOST RESPECTFULLY SHEWETH:**

In pursuance of the discussions held between the Representatives of the States of Maharashtra, Madhya Pradesh and Andhra Pradesh regarding the sub-basin wise allocations of Waters of the Godavari below Pochampad and its tributaries downstream of Pochampad Dam in the State of Andhra Pradesh, the projects therein and all allied matters, the allocations already agreed to under the Inter-State Agreement, dated the 19th December, 1975 were taken into consideration. In furtherance of the said Inter-State Agreement, an agreement has been reached for final allocation of all the waters of the various sub-basins between the Representatives of the States of Maharashtra, Madhya Pradesh and Andhra Pradesh on the 7th August, 1978.

2. The said agreement of 7-8-1978 covers all outstanding matters between the States of Maharashtra, Madhya Pradesh and Andhra Pradesh, regarding the sub-basin wise allocations of the waters of the Godavari and its tributaries downstream of the Pochampad Dam in the State of Andhra Pradesh. The said agreement of 7-8-1978 covers the allocations for the sub-basins G-5 (Part); G-6; G-7; G-8; G-9; G-10; G-11 and G-12 concerning the three States of Maharashtra, Madhya Pradesh and Andhra Pradesh. Accordingly, the said disputes between the States of Maharashtra, Madhya Pradesh and Andhra Pradesh have ceased to exist.

3. The petitioner States of Maharashtra, Madhya Pradesh and Andhra Pradesh further state that the said agreement of 7-8-1978 embodies the agreement reached between the said States, on issues I to IV of the dispute.

4. The States of Maharashtra, Madhya Pradesh and Andhra Pradesh further submit that in view of the said agreement of 7-8-1978, it would not be necessary for this Hon'ble Tribunal to adjudicate upon the levels for the Inchampalli Project which is to be a joint project of all the three States as per the agreement of 19-12-1975. Accordingly, the said dispute has ceased to exist.

5. The States of Maharashtra, Madhya Pradesh and Andhra Pradesh respectfully submit that the aforesaid agreement, dated 7-8-1978 annexed to this CMP may be taken on the record of this Hon'ble Tribunal and appropriate directions with regard thereto may be issued.

**PRAYER**

The States of Maharashtra, Madhya Pradesh and Andhra Pradesh respectfully pray that this Hon'ble Tribunal may be pleased to :

- (i) receive the Agreement, dated 7-8-1978 between the States of Maharashtra, Madhya Pradesh and Andhra Pradesh on record of the present proceedings;

- (ii) issue appropriate directions with regard thereto; and  
 (iii) pass such other orders as may be deemed just and proper.

Settled by :

Sd/-  
 P.C. Bhartari,  
 Advocate for the State of  
 Maharashtra.

Sd/-  
 C. R. Somasekharan,  
 Advocate for the State of  
 Madhya Pradesh.

Sd/-  
 D. V. Sastry,  
 Advocate for the State of  
 Andhra Pradesh.

New Delhi ;  
 Dated, the 8th August, 1978.

GODAVARI

Submitted by :

Sd/-  
 Representative of the State of  
 Maharashtra.

Sd/-  
 Representative of the State of  
 Madhya Pradesh.

Sd/-  
 Representative of the State of  
 Andhra Pradesh.

8th August, 1978.

**BEFORE THE GODAVARI WATER DISPUTES TRIBUNAL**

**IN THE MATTER OF WATER DISPUTE AND CONNECTED MATTERS REGARDING THE  
 INTER-STATE RIVER GODAVARI AND THE RIVER VALLEY THEREOF**

**ORDER**

*C.M.P. No. 17(14)/78-GWDT*

Petition, dated the 8th August, 1978, on behalf of the States of Maharashtra, Madhya Pradesh and Andhra Pradesh, filing, therewith an Agreement, dated the 7th August, 1978, concluded by them and praying that the same be taken on record of the present proceedings.

By consent of the parties, the C.M.P. is treated as placed in today's list. The Agreement annexed to the C.M.P. together with the C.M.P., is received in evidence and taken on record. Let it be marked as an exhibit on behalf of the State of Maharashtra.

Be it recorded that Counsel for the States of Karnataka and Orissa have stated that they do not admit the correctness of any of the statements or submissions made in the C.M.P. or in the Agreement annexed thereto.

The C.M.P. is disposed of accordingly.

Sd/-  
 (R. S. Bachawat)  
 Chairman.

Sd/-  
 (D. M. Bhandari)  
 Member.

Sd/-  
 (D. M. Sen)  
 Member.

New Delhi ;  
 Dated: August 8, 1978.  
 6 M of A & I/79-5

BEFORE THE GODAVARI WATER DISPUTES TRIBUNAL

IN THE MATTER OF A WATER DISPUTE AND CONNECTED MATTER REGARDING THE INTER-STATE RIVER GODAVARI AND THE RIVER VALLEY THEREOF

C.M.P. No. 17(15)/78-GWDT

D/18-10-1978

The State of Andhra Pradesh }  
The State of Karnataka } Petitioners

To

The Hon'ble Shri Justice R.S. Bachawat,  
Chairman of the Tribunal and other  
Honourable Members thereof.

The humble petition of the  
petitioners above named

MOST RESPECTFULLY SHEWETH :

Discussions were held between the Chief Ministers of the States of Karnataka and Andhra Pradesh on 4th August, 1978 at Bangalore, (a) for the allocation of waters in the Manjra sub-basin of River Godavari, for construction of Singur Project, for diversion of Godavari waters from Polavaram Project into Krishna river, and (b) for construction of Jurala project as proposed by the State of Andhra Pradesh on the river Krishna. A Summary record of discussions held at Bangalore on 4-8-78 was prepared. True copy of the said Summary record signed by Counsel for the two States is hereto annexed. It is submitted that the same may be taken on the record of this Honourable Tribunal and that appropriate directions may be issued.

PRAYER

The States of Karnataka and Andhra Pradesh respectfully pray that this Honourable Tribunal may be pleased to

- (i) receive the Summary record of discussions held between the Chief Ministers of Karnataka and Andhra Pradesh on 4-8-1978;
- (ii) issue appropriate directions with regard thereto; and
- (iii) pass such other orders as may be deemed just and proper.

Sd/-

Representative of the State of  
Karnataka

Sd/-

Representative of the State of  
Andhra Pradesh

New Delhi.

Dated : 18-10-78

GODAVARI

18th October, 1978

**BEFORE THE GODAVARI WATER DISPUTES TRIBUNAL****IN THE MATTER OF A WATER DISPUTE AND CONNECTED MATTERS REGARDING THE INTER-STATE RIVER GODAVARI AND THE RIVER VALLEY THEREOF****ORDER***C.M.P. No. 17(15)/78-GWDT*

Petition dated the 18th October, 1978, jointly filed by the States of Karnataka and Andhra Pradesh praying that the summary record of discussions held between the Chief Ministers of Karnataka and Andhra Pradesh on the 4th August, 1978 be received in evidence.

Let this C.M.P. be treated as placed in today's list of business by consent of all the party-States.

The summary record of discussions in the Annexures I and II filed with the above petition is received in evidence on behalf of the States of Karnataka and Andhra Pradesh. Let these be marked as exhibits of the State of Karnataka.

The C.M.P. is disposed of accordingly.

Sd/-  
(R. S. Bachawat)  
Chairman

Sd/-  
(D. M. Bhandari)  
Member

Sd/-  
(D. M. Sen)  
Member

New Delhi,  
Dated : October 18, 1978.



## BEFORE THE GODAVARI WATER DISPUTES TRIBUNAL

IN THE MATTER OF A WATER DISPUTE AND CONNECTED MATTERS REGARDING THE INTER-STATE RIVER GODAVARI AND THE RIVER VALLEY THEREOF

C.M.P. No. 17(1)/79-GWDT

Dated: 2-1-1979

The State of Orissa  
&  
The State of Andhra Pradesh } Petitioners

To

The Honourable Shri Justice R. S. Bachawat,  
Chairman of the Tribunal and other  
Honourable Members thereof.

The humble petition of the  
petitioners above named.

## MOST RESPECTFULLY SHEWETH:

In pursuance of discussions held between the representatives of the States of Orissa and Andhra Pradesh regarding the sub-basin wise allocation of waters below Pochampad Dam in the Godavari river and its tributaries in the States of Andhra Pradesh and Orissa, the projects therein and all allied matters and the allocations already agreed to under the Inter-state Agreement dated the 19th December, 1975, an agreement has been reached between the Chief Ministers of Orissa and Andhra Pradesh on 15th December, 1978 for final allocation of all the waters below Pochampad Dam.

2. The said agreement of 15th December, 1978 annexed to the C.M.P. covers all outstanding matters between the States of Orissa and Andhra Pradesh regarding the sub-basin wise allocation of the waters of the Godavari and its tributaries downstream of Pochampad Dam.

3. The petitioner States of Orissa and Andhra Pradesh further state that the said agreement of 15-12-1978 embodies the agreement reached between the said States, on issues (i) to (iv) of the dispute and it may be taken on record of this Hon'ble Tribunal and appropriate direction with regard to this may be issued.

4. In the circumstances stated above the States of Orissa and Andhra Pradesh respectfully pray that the Hon'ble Tribunal may be pleased to :

- (i) Receive the agreement dated 15-12-78 between the States of Orissa and Andhra Pradesh on record of the present proceedings ;
- (ii) issue appropriate direction with regard thereto ; and
- (iii) pass such other order as may be deemed just and proper.

Sd/-

Representative of State of  
Orissa

Sd/-

Representative of State of  
Andhra Pradesh

New Delhi,

Dated : January 2, 1979

GODAVARI

2nd January, 1979

## BEFORE THE GODAVARI WATER DISPUTES TRIBUNAL

IN THE MATTER OF A WATER DISPUTE AND CONNECTED MATTERS REGARDING THE INTER-  
STATE RIVER GODAVARI AND THE RIVER VALLEY THEREOF

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ORDER*C.M.P. No. 17(1)/79-GWDT*

Petition dated the 2nd January, 1979 filed jointly by the States of Orissa and Andhra Pradesh praying that the Agreement dated 15-12-1978 annexed thereto be taken on record of the present proceedings and appropriate directions issued in regard thereto.

By consent of the party States, the C.M.P. is treated as placed in today's list of business. The C.M.P. together with the Agreement dated the 15th December, 1978 annexed thereto, is received in evidence. Let it be marked as an exhibit of the State of Andhra Pradesh.

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Sd/-  
(R.S. Bachawat)  
Chairman

Sd/-  
(D. M. Bhandari)  
Member

Sd/-  
(D. M. Sen)  
Member

New Delhi,  
Dated : January 2, 1979.

BEFORE THE GODAVARI WATER DISPUTES TRIBUNAL

IN THE MATTER OF A WATER DISPUTE AND CONNECTED MATTERS REGARDING THE INTER-STATE RIVER GODAVARI AND THE RIVER VALLEY THEREOF

C.M.P. No 17(2)/79-GWDT dated 2-2-1979

The State of Karnataka }  
The State of Maharashtra }

Petitioners

To

The Honourable Shri Justice R.S. Bachawat,  
Chairman of the Tribunal and other  
Honourable Members thereof.

The humble Petition  
of the petitioners  
above named.

**MOST RESPECTFULLY SHEWETH :**

Discussions were held between the Chief Ministers of the States of Karnataka and Maharashtra on the 25th December 1978 at Bombay. Further discussions between the representatives of the two States were also held resulting in an agreement as evidenced by the letters exchanged between the parties. These letters are filed as Annexures I, II and III.

**PRAYER**

It is prayed that Annexures I, II and III be taken on record and received in evidence of both the parties and marked as exhibits.

Sd/-

S.S. JAVALI  
Representative of the  
State of Karnataka

Sd/-

K.S. SHANKER RAO  
Representative of the  
State of Maharashtra.

NEW DELHI.

Dated : 2nd February, 1979.

GODAVARI

2nd February 1979

BEFORE THE GODAVARI WATER DISPUTES TRIBUNAL

IN THE MATTER OF A WATER DISPUTE AND CONNECTED MATTERS REGARDING THE INTER-STATE RIVER GODAVARI AND THE RIVER VALLEY THEREOF

**ORDER**

C.M.P.No. 17(2)/79-GWDT.

Petition dated the 2nd February, 1979, filed by the States of Karnataka and Maharashtra, praying that the documents annexed thereto containing an agreement between the two States, be taken on record and marked as exhibits.

By consent of all the parties, C.M.P. 17(2)/79-GWDT is treated as placed in today's list. Counsel for the States of Karnataka and Maharashtra have jointly filed the agreement consisting of the documents annexed to the C.M.P. The documents are received in evidence and collectively marked as exhibit of the State of Karnataka.

The C.M.P. is disposed of accordingly.

Sd/-  
(R.S. Bachawat)  
Chairman

Sd/-  
(D.M. Bhandari)  
Member

Sd/-  
(D.M. Sen)  
Member

NEW DELHI :  
Dated : February 2, 1979.

## BEFORE THE GODAVARI WATER DISPUTES TRIBUNAL

IN THE MATTER OF A WATER DISPUTE AND CONNECTED MATTERS REGARDING THE INTER-STATE RIVER GODAVARI AND THE RIVER-VALLEY THEREOF.

C.M.P. No. 17(4)79/-GWDT dated 16-7-1979

The State of Orissa }  
 & }  
 The State of Madhya Pradesh } Petitioners

To

The Honourable Shri Justice R.S. Bachawat,  
 Chairman of the Tribunal and other  
 Honourable Members thereof

The humble petition of the  
 petitioners above named:

**MOST RESPECTFULLY SHEWETH :**

In pursuance to discussions held between the representatives of the States of Orissa and Madhya Pradesh regarding the sub-basin wise allocation of waters below Pochampad Dam on the Godavari river and its tributaries in the State of Orissa and Madhya Pradesh, the projects therein and all allied matters and the allocations already agreed to under the Inter-State Agreement dated 19th December, 1975, an agreement has been reached between the Government of Orissa and Madhya Pradesh on 11th July, 1979, the final allocation of all the waters below Pochampad Dam and other matters mentioned in the said Agreement.

2. The said Agreement of 11th July, 1979, annexed to the C.M.P. covers all outstanding matters between the States of Orissa and Madhya Pradesh regarding the sub-basin wise allocation of the water of the Godavari and its tributaries downstream of Pochampad Dam.

3. The petitioner States of Orissa & Madhya Pradesh further state that the said Agreement of 11-7-79 embodies the Agreement reached between the said States on issues (i) to (iv) of the dispute and it may be taken on record of this Hon'ble Tribunal and appropriate direction(s) with regard to this may be issued.

4. In the circumstances stated above the States of Orissa & Madhya Pradesh respectfully pray that the Hon'ble Tribunal may be pleased to :

- (i) Receive the Agreement dt. 11-7-79 between the States of Orissa and Madhya Pradesh on record of the present proceedings.
- (ii) Issue appropriate direction(s) with regard thereto and
- (iii) Pass such other order(s) as may be deemed just and proper.

Sd/-

(S.C. Tripathi)

REPRESENTATIVE OF STATE OF ORISSA

NEW DELHI  
 Dated : 16-7-1979.

Sd/-

(A.S. Dhagat)

REPRESENTATIVE OF STATE OF MADHYA  
 PRADESH

GODAVARI

16th July, 1979

## BEFORE THE GODAVRI WATER DISPUTES TRIBUNAL

IN THE MATTER OF A WATER DISPUTE AND CONNECTED MATTERS REGARDING THE INTER-STATE RIVER GODAVARI AND THE RIVER VALLEY THEREOF.

## ORDER

## C.M.P. No. 17(4)/79-GWDT.

Petition dated the 16th July, 1979 filed by the States of Orissa and Madhya Pradesh, praying that the agreement dated the 11th July, 1979 between them be taken on record.

By consent of all the parties, C.M.P.No.17(4)/79-GWDT is treated as placed in today's list.

We direct that C.M.P. No. 17(4)/79-GWDT and the agreement annexed thereto be received in evidence and marked as an exhibit of the State of Orissa.

The C.M.P. is disposed of accordingly.

Sd/-  
(R.S. Bachawat)  
Chairman

Sd/-  
(D.M. Bhandari)  
Member

Sd/-  
(D.M. Sen)  
Member

NEW DELHI :  
Dated : July 16, 1979.

**GODAVARI WATER DISPUTES TRIBUNAL**

**THE REPORT  
OF  
THE GODAVARI WATER DISPUTES TRIBUNAL  
WITH THE DECISION**

**VOLUME II**

**PART II**

**MAP OF THE GODAVARI BASIN**

**NEW DELHI  
1979**