# BRIEF NOTE ON STORAGE STATUS OF 91 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 20.08.2015)

#### 1. ALL INDIA STATUS

Central Water Commission is monitoring live storage status of 91 reservoirs of the country on weekly basis and is issuing weekly bulletin on every Thursday. Out of these reservoirs, 37 reservoirs have hydropower benefit with installed capacity of more than 60 MW. The total live storage capacity of these 91 reservoirs is 157.799 BCM which is about 62% of the live storage capacity of 253.388 BCM which is estimated to have been created in the country. As per reservoir storage bulletin dated 20.08.2015, live storage available in these reservoirs is 91.073 BCM, which is 58% of total live storage capacity of these reservoirs. This storage is 88% of the storage of corresponding period of last year and 92% of storage of average of last ten years.

The overall storage position is **less than the** corresponding period of last year in the country as a whole and is also **less than the** average storage of last ten years during the corresponding period.

#### 2. REGION WISE STORAGE STATUS:

## a) NORTHERN REGION

The northern region includes States of Himachal Pradesh, Punjab and Rajasthan. There are 6 reservoirs having total live storage capacity of 18.01 BCM under CWC monitoring in this region. As per Reservoir Storage Bulletin dated 20.08.2015, the total live storage available in these reservoirs is **16.26** BCM which is **90%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **78%** and average storage of last ten years during corresponding period was **71%** of live storage capacity of these reservoirs. Thus, storage during current year is better than the corresponding period of last year and is also better than the average storage of last ten years during the corresponding period.

### b) EASTERN REGION

The Eastern region includes States of Jharkhand, Odisha, West Bengal and Tripura. There are 15 reservoirs having total live storage capacity of 18.83 BCM under CWC monitoring in this region. As per Reservoir Storage Bulletin dated 20.08.2015, the total live storage available in these reservoirs is 9.43 BCM which is 50% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 64% and average storage of last ten years during corresponding period was 52% of live storage capacity of these reservoirs. Thus, storage during current year is less than the corresponding period of last year and is also less than the average storage of last ten years during the corresponding period.

## c) WESTERN REGION

The Western region includes States of Gujarat and Maharashtra. There are 27 reservoirs having total live storage capacity of 27.07 BCM under CWC monitoring in this region. As per Reservoir Storage Bulletin dated 20.08.2015, the total live storage available in these reservoirs is **15.89** BCM which is **59%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **61%** and average storage of last ten years during corresponding period was**66%** of live storage capacity of these reservoirs. Thus, storage during current year is less than the storage of last year and is also less than the average storage of last ten years.

#### d) CENTRAL REGION

The Central region includes States of Uttar Pradesh, Uttarakhand, Madhya Pradesh and Chhattisgarh. There are 12 reservoirs having total live storage

capacity of 42.30 BCM under CWC monitoring in this region. As per Reservoir Storage Bulletin dated 20.08.2015, the total live storage available in these reservoirs is **31.36** BCM which is **74%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **73%** and average storage of last ten years during corresponding period was **53%** of live storage capacity of these reservoirs. Thus, storage during current year is better than the storage of last year and is also better than the average storage of last ten years.

#### e) SOUTHERN REGION

The Southern region includes States of Andhra Pradesh, Telangana, AP&TG (2 combined projects in both states) Karnataka, Kerala and Tamil Nadu. There are 31 reservoirs having total live storage capacity of 51.59 BCM under CWC monitoring in this region. As per Reservoir Storage Bulletin dated 20.08.2015, the total live storage available in these reservoirs is **18.13** BCM which is **35%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **58%** and average storage of last ten years during corresponding period was **69%** of live storage capacity of these reservoirs. Thus, storage during current year is less than the corresponding period of last year and is also less than the average storage of last ten years during the corresponding period.

The region wise and reservoir wise details are given in the following pages of the bulletin.

#### BROAD ANALYSIS OF OTHER TABLES IN THE BULLETIN

- Normal storage means average storage of last ten years, Close to normal storage means where shortfall is upto 20% of normal, deficient storage is where shortfall is more than 20% of the normal and upto 60% of the normal, highly deficient means where shortfall is more than 60% of normal.
- In the table on page 6, better than normal storage is available in Ganga, Indus, Narmada, Tapi, Mahi, Sabarmati, Rivers of Kutch. Close to Normal inCauvery& neighbouring EFRs, Mahanadi & neighbouring East Flowing Rivers. Deficient in Godavari, Krishna andWest Flowing Rivers of South and NIL in Highly Deficient.
- Table on page 5-7 of the bulletin. The numbers of reservoirs having storagemore than last year are 32 and reservoirs having storage more than average of last ten years are 41. The numbers of reservoirs having storage less than 20% with respect to last year is 4 and having storage less than 20% with reference to average of last ten years is 6. The numbers of reservoirs having storage less than or equal to 50% with respect to last year are 14 and having storage less than or equal to 50% with reference to average of last ten years are 16.

States having better storage (in %) than last year for corresponding period: Himachal Pradesh, Punjab, Rajasthan, West Bengal, Tripura, Gujarat, Uttarakhand and Madhya Pradesh.

States having equal storage (in %) to last year for corresponding period: Nil

States having lesser storage (in %) than last year for corresponding period: Jharkhand, Odisha, Maharashtra, Chhattisgarh, Uttar Pradesh, AP&TG (2combined project in both states), Andhra Pradesh, Telangana, Karnataka, Kerala and Tamil Nadu.

#### STORAGE STATUS OF IMPORTANT RESERVOIRS IN THE COUNTRY

- 1 Central Water Commission is monitoring storage status of 91 important reservoirs spread all over the country, in which 37 reservoirs have hydropower benefit each with installed capacity of more than 60 MW. These reservoirs are identified thus(\*) in the enclosed weekly report.
- 2 The total live storage in 91 important reservoirs in different parts of the country, monitored by CWC as on
   20.08.2015 is 91.073 BCM ( 58 percent of the live storage capacity at FRL ). The current year's storage is nearly 88 percent of last year's storage and 92 percent of the average of last ten years.

3 Region wise storage status:-

	Filling position of 91 reservoirs w.r.t. FRL									
REGION (States), (Monitoring No. of Reservoirs)	100%	91%- 99%	81%- 90%	71%- 80%	61%- 70%	51%- 60%	41%- 50%	40% & below	Departure fi stor	rom Normal age
NORTH (HP,Punjab & Rajasthan), (6 Resv.)	2	1	3	-	-	-	-	-	H.P. PUNJAB RAJASTHAN	22 % 37 % 38 %
EAST (Jharkhand,Odisha, Tripura & W.Bengal ( 15 Resv.)	1	-	2	2	1	3	4	2	JHARKHAND ODISHA W. BENGAL TRIPURA	12 % -8 % 18 % 94 %
WEST (Guj.& Mah.), (27 Resv.)	1	3	2	6	3	3	1	8	GUJARAT MAH.	20 % -39 %
CENTRAL (MP,UP,Uttarakhand & Chh.), (12 Resv)	-	2	3	3	2	-	-	2	U.P. UTTARAKHAND M.P. CHHATISGARH	7 % 37 % 55 % -12 %
SOUTH (Karnataka,TN,AP&TG,AP, TG, & Kerala), ( 31 Resv.)	1	-	4	-	6	3	5	12	AP&TG A,P TG KARNATAKA KERALA T.N.	-92 % -49 % -74 % -34 % -22 % -18 %
Status of 91 reservoirs	5	6	14	11	12	9	10	24		

#### 4 Basin wise storage position:

Better than normal: Ganga, Indus, Narmada, Tapi, Mahi, Sabarmati, Rivers of Kutch.

Close to normal: Cauvery & neighbouring EFRS, ,Mahanadi & Neighbouring EFRS.

**Deficient:** Godavari, Krishna and West Flowing rivers of south.

Highly deficient: NIL

5 Out of 91 reservoirs, 52 reservoirs reported more than 80% of normal storage & 39 reservoirs reported 80% or below of normal storage. Out of these 39 reservoirs 16 having storage upto 50% of normal

storage.

Name of reservoir	%	Name of reservoir	%	Name of reservoir	%
BHIMA(UJJANI)	0	UPPER INDRAVATI	39		
NAGARJUNA SAGAR	0	MALAPRABHA(RENUKA	41		
GIRNA	9	GHATAPRABHA	43		
YELDARI	9	ISAPUR	43		
JAYAKWADI(PAITHON)	12	VANIVILAS SAGAR	43		
SRISAILAM	13	LOWER MANAIR	45		
SRIRAMSAGAR	22				
MAHANADI	36				
KALLADA(PARAPPAR)	36				
KHADAKVASLA	38				

23 reservors									
having storage 51%									
to 80% of normal									
storage.									
51%	61%	71%							
to	to	to							
60%	70%	80%							
7	2	14							

19 reservoirs.

<sup>6</sup> Out of 37 reservoirs with significant(\*) hydropower generation, the storage build up is less than or equal to normal in

# WEEKLY REPORT - BASINWISE

# GOVERNMENT OF INDIA

# CENTRAL WATER COMMISSION

#### WEEK ENDING :- 20.08.2015

	WLLK LI	101110.	20.00.201	<u> </u>				
NAME OF BASIN	LIVE CAP. AT FRL		/EAR'S RAGE	LAST Y STOR			YEARS' ORAGE	% DEPARTURE W.R.T. AVE. OF 10 YEARS'
GANGA	28.096	19.727	70.21%	19.132	68.10%	13.176	46.90%	49.72
INDUS	14.730	13.040	88.53%	11.451	77.74%	10.482	71.16%	24.40
NARMADA	17.414	14.766	84.79%	13.503	77.54%	11.202	64.33%	31.82
TAPI	7.394	5.069	68.56%	4.489	60.71%	4.588	62.05%	10.48
MAHI	4.012	3.306	82.40%	2.513	62.64%	2.667	66.48%	23.96
SABARMATI	0.735	0.629	85.58%	0.186	25.31%	0.372	50.61%	69.09
RIVERS OF KUTCH	0.887	0.773	87.15%	0.173	19.50%	0.389	43.86%	98.71
GODAVARI	15.394	4.874	31.66%	7.725	50.18%	7.558	49.10%	-35.51
KRISHNA	32.831	9.993	30.44%	18.383	55.99%	24.545	74.76%	-59.29
MAHANADI & NEIGHBOURING EFRS	13.181	7.302	55.40%	9.498	72.06%	7.926	60.13%	-7.87
CAUVERY& NEIGHBOURING EFRS	8.359	4.435	53.06%	5.706	68.26%	5.321	63.66%	-16.65
WEST FLOWING RIVERS OF SOUTH	14.766	7.159	48.48%	10.829	73.34%	10.546	71.42%	-32.12
TOTAL	157.799	91.073		103.588		98.772		
PERCENTAGE								-7.79

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

	GOVERNMENT OF INDIA			WEE	K ENDING :-	20.08.2015		CENTRALV	VATER CON	/IIVII35IU	IN
							STORAGE A	S % OF LIVE C FRL	APACITY AT	BENE	FITS
S. NO	NAME OF RESERVOIR	FRL (m)	CURRENT RESERVOIR LEVEL (m)	LIVE CAPACITY AT FRL (BCM)	CURRENT LIVE STORAGE (BCM)	DATE	CURRENT YEAR	LAST YEAR	LAST 10 YEARS AVERAGE	IRR. (CCA) IN TH. HA	HYDEL IN MW
1	2	4	6	5	7	8	9	10	11	3A	3B
	NORTHERN REGION	1									
	HIMACHAL PRADESH										
*1	GOBIND SAGAR(BHAKRA)	512.06	509.19	6.229	5.508	19-08-2015	88	92	78	676	1200
*2	PONG DAM PUNJAB	423.67	421.90	6.157	5.493	20-08-2015	89	67	68	-	360
*3	THEIN	527.91	523.34	2.344	2.039	19-08-2015	87	67	63	348	600
	RAJASTHAN										
*4	MAHI BAJAJ SAGAR	280.75	281.40	1.711	1.711	19-08-2015	100	68	71	63	140
5	JHAKAM	359.50	359.90	0.132	0.132	19-08-2015	100	60	68	28	-
*6	RANA PRATAP SAGAR	352.81	352.48	1.436	1.379	20-08-2015	96	91	72	229	172
	EASTERN REGION										
	<u>JHARKHAND</u>										
7	TENUGHAT	269.14	259.42	0.821	0.394	20-08-2015	48	50	40	-	-
8	MAITHON	146.3	144.58	0.471	0.349	20-08-2015	74	87	73	342	-
*9	PANCHET HILL	124.97	123.74	0.184	0.127	20-08-2015	69	100	81	\$	80
10	KONAR	425.81	424.27	0.176	0.149	20-08-2015	85	99	72	\$	-
11	TILAIYA	368.81	369.11	0.142	0.142	20-08-2015	100	100	61	\$	4
	<u>ODISHA</u>										
*12	HIRAKUD	192.02	188.59	5.378	2.823	20-08-2015	52	54	53	153	307
*13	BALIMELA	462.08	452.05	2.676	1.184	19-08-2015	44	58	32	-	360
14	SALANADI	82.30	71.80	0.558	0.256	20-08-2015	46	71	42	42	-
*15	RENGALI	123.50	118.41	3.432	1.802	19-08-2015	53	81	61	3	200
*16	MACHKUND(JALPUT)	838.16	831.31	0.893	0.410	19-08-2015	46	49	57	-	115
*17	UPPER KOLAB	858.00	850.91	0.935	0.344	19-08-2015	37	55	41	89	320
*18	UPPER INDRAVATI	642.00	630.25	1.456	0.360	20-08-2015	25	88	63	128	600
	WEST BENGAL										
19	MAYURAKSHI	121.31	118.49	0.480	0.355	20-08-2015	74	62	54	227	-
20	KANGSABATI	134.14	128.72	0.914	0.483	20-08-2015	53	52	50	341	-
	TRIPURA										
21	GUMTI	93.55	92.35	0.312	0.256	19-08-2015	82	35	42	-	15
	WESTERN REGION	•									
	<u>GUJARAT</u>										
*22	UKAI	105.16	101.87	6.615	4.917	19-08-2015	74	64	64	348	300
23	SABARMATI(DHAROI)	189.59	188.44	0.735	0.629	19-08-2015	86	25	51	95	1
*24	KADANA	127.7	126.49	1.472	1.070	19-08-2015	73	59	62	200	120
25	SHETRUNJI	55.53	55.17	0.300	0.277	18-08-2015	92	27	61	36	-
26	BHADAR	107.89	107.01	0.188	0.149	18-08-2015	79	25	59	27	-
27	DAMANAGANGA	79.86	74.95	0.502	0.275	19-08-2015	55	53	50	51	1
28	DANTIWADA	184.1	182.91	0.399	0.347	19-08-2015	87	11	24	45	-
29	PANAM	127.41	124.85	0.697	0.393	19-08-2015	56	57	66	36	2
	SARDAR SAROVAR	121.92			1.566	19-08-2015	100	90	85	2120	1450
31	KARJAN	115.25	109.43	0.523	0.358	19-08-2015	68	75	68	51	3
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GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

	GOVERNMENT OF INDIA			WEE	K ENDING :-	20 00 2045		CENTRAL V	VATER COM	MISSIO	N
					K ENDING :-	20.08.2015	STORAGE A	S % OF LIVE C	APACITY AT	BENE	FITS
S. NO	NAME OF RESERVOIR	FRL (m)	CURRENT RESERVOIR LEVEL (m)	LIVE CAPACITY AT FRL (BCM)	CURRENT LIVE STORAGE (BCM)	DATE	CURRENT YEAR	LAST YEAR	LAST 10 YEARS AVERAGE	IRR. (CCA) IN TH. HA	HYDEL IN MW
1	2	4	6	5	7	8	9	10	11	3A	3B
	MAHARASHTRA			•							
32	JAYAKWADI(PAITHON)	463.91	456.22	2.171	0.111	20-08-2015	5	17	42	227	-
*33	KOYANA	657.90	652.45	2.652	1.961	19-08-2015	74	89	95	-	1920
34	BHIMA(UJJANI)	496.83	490.49	1.517	0.000	19-08-2015	0	54	69	125	12
35	ISAPUR	441.00	431.07	0.965	0.240	19-08-2015	25	44	58	104	-
36	MULA	552.30	543.94	0.609	0.246	19-08-2015	40	67	71	139	-
37	YELDARI	461.77	448.67	0.809	0.026	19-08-2015	3	39	36	78	-
38	GIRNA	398.07	382.95	0.524	0.019	19-08-2015	4	26	40	79	-
39	KHADAKVASLA	582.47	579.09	0.056	0.016	19-08-2015	29	66	75	78	8
*40	UPPER VAITARNA	603.50	599.36	0.331	0.203	19-08-2015	61	88	84	-	61
41	UPPER TAPI	214.00	211.70	0.255	0.133	19-08-2015	52	44	46	45	-
*42	PENCH (TOTALADOH)	490.00	489.20	1.091	0.855	19-08-2015	78	65	62	127	160
43	UPPER WARDHA	342.50	342.00	0.564	0.519	20-08-2015	92	89	73	70	-
44	BHATSA	142.07	129.12	0.942	0.625	19-08-2015	66	89	84	29.378	15
45	DHOM	747.70	739.08	0.331	0.160	19-08-2015	48	89	82	36.2	2
46	DUDHGANGA	646.00	639.84	0.664	0.482	19-08-2015	73	94	93	2.441	24
	MANIKDOH (KUKADI)	711.25	694.68	0.288	0.087	19-08-2015	30	52	54	2.2	6
48	BHANDARDARA CENTRAL DECICAL	342.50	342.00	0.304	0.230	20-08-2015	92	89	73	70	-
	CENTRAL REGION	-									
	UTTAR PRADESH	000.40	222.45			40.00.0045					
	MATATILA	308.46	308.15	0.707	0.609	19-08-2015	86	82	73	-	30
"50	RIHAND	268.22	259.60	5.649	2.084	20-08-2015	37	46	35	-	300
+54	UTTRAKHAND	005.00	050.40	0.400	4.700	00 00 0015	70	70	40	4007	400
	RAMGANGA	365.30	359.13	2.196	1.736	20-08-2015	79	76	48	1897	198
"52	TEHRI MADHYA PRADESH	830.00	814.75	2.615	2.001	20-08-2015	77	73	64	2351	1000
+50		000.00	202.22	0.007	0.040	40.00.0045	0.4	00	00	000	445
	GANDHI SAGAR	399.90	399.28	6.827		19-08-2015	91	66	38	220	115
	TAWA	355.40	354.57		1.888	20-08-2015	97	71	90	247	-
	BANGACAB	422.76	419.25		2.240	20-08-2015	70	96	76	157	90
	BANSAGAR INDIRA SAGAR	341.64	337.60		3.423	19-08-2015	66	85	47	488	425
	BARNA	262.13 348.55	260.49 347.49	9.745 0.456	8.329 0.385	20-08-2015 19-08-2015	85 84	70 89	52 71	2380 546	1000
56	CHHATTIS GARH	346.55	347.49	0.430	0.363	19-00-2013	04	69	71	340	-
*50	MINIMATA BANGOI	359.66	355.48	3.046	2.205	19-08-2015	72	88	71	_	120
	MAHANADI	348.70	341.31	0.767	0.216	20-08-2015	28	94	78		10
	SOUTHERN REGION	0.00	011101	0.7 0.7	0.2.10	20 00 20.0		٠.		0.0	
	A.P & TG	-									
*61	SRISAILAM	269.75	244.63	8.288	0.761	20-08-2015	9	30	70	0	770
	NAGARJUNA SAGAR	179.83	155.39		0.000	20-08-2015	0	22	58		810
02	ANDHRA PRADESH	17 0.00	100.09	0.041	0.000	20 00 2010	O	22	30	000	0.10
63	SOMASILA	100.58	82.99	1.994	0.246	20-08-2015	12	13	24	168	0
55	TELANGANA	100.00	52.59	1.554	5.270	20 00 2010	12	13	24	.00	0
64	SRIRAMSAGAR	332.54	321.14	2.300	0.234	19-08-2015	10	28	46	411	27
	LOWER MANAIR	280.42	269.43		0.115	19-08-2015	19			199	60

#### WEEKLY REPORT OF 91 IMPORTANT RESERVOIRS OF INDIA

WEEK ENDING :- 20.08 2015

**GOVERNMENT OF INDIA** 

CENTRAL WATER COMMISSION

				WEE	K ENDING :-	20.08.2015					
			CUDDENT	LIVE		RENT LIVE	STORAGE A	BENE	FITS		
S. NO	NAME OF RESERVOIR	FRL (m)	CURRENT RESERVOIR LEVEL (m)	LIVE CAPACITY AT FRL (BCM)	CURRENT LIVE STORAGE (BCM)	DATE	CURRENT YEAR	LAST YEAR	LAST 10 YEARS AVERAGE	IRR. (CCA) IN TH. HA	HYDEL IN MW
1	2	4	6	5	7	8	9	10	11	3A	3B
	KARNATAKA										
66	KRISHNARAJA SAGRA	752.50	747.35	1.163	0.716	17-08-2015	62	100	86	79	-
*67	TUNGABHADRA	497.74	495.71	3.276	2.186	20-08-2015	67	87	88	529	72
68	GHATAPRABHA	662.95	649.02	1.391	0.553	19-08-2015	40	83	93	317	-
69	BHADRA	657.76	652.59	1.785	1.232	19-08-2015	69	99	92	106	39
70	LINGANAMAKKI	554.43	544.69	4.294	1.909	20-08-2015	44	89	82	-	55
71	NARAYANPUR	492.25	490.77	0.863	0.560	20-08-2015	65	76	83	425	-
72	MALAPRABHA(RENUKA)	633.83	626.44	0.972	0.274	19-08-2015	28	55	69	215	-
73	KABINI	696.16	695.25	0.444	0.391	17-08-2015	88	86	58	85	-
74	HEMAVATHY	890.63	887.41	0.927	0.749	17-08-2015	81	100	92	265	-
75	HARANGI	871.42	871.16	0.220	0.220	17-08-2015	100	93	96	53	-
76	SUPA	564.00	540.74	4.120	1.815	20-08-2015	44	64	65	-	-
77	VANIVILAS SAGAR	652.28	634.07	0.802	0.041	13-08-2015	5	3	12	123	-
*78	ALMATTI	519.60	515.87	3.105	1.680	20-08-2015	54	100	92	@	290
*79	GERUSOPPA	55.00	46.80	0.130	0.086	20-08-2015	66	74	82	83	240
	KERALA										
80	KALLADA(PARAPPAR)	115.82	94.20	0.507	0.119	17-08-2015	23	60	65	62	-
*81	IDAMALAYAR	169.00	149.58	1.018	0.506	17-08-2015	50	74	66	33	75
*82	IDUKKI	732.43	720.15	1.460	0.831	17-08-2015	57	54	56	-	780
*83	KAKKI	981.46	963.56	0.447	0.213	20-08-2015	48	59	67	23	300
*84	PERIYAR	867.41	861.54	0.173	0.064	17-08-2015	37	53	59	84	140
85	MALAPMUZHA	867.41	861.54	0.224	0.126	17-08-2015	37	53	59	84	140
	TAMIL NADU										
86	LOWER BHAWANI	278.89	274.32	0.792	0.523	17-08-2015	66	49	69	105	8
*87	METTUR(STANLEY)	240.79	232.08	2.647	1.537	17-08-2015	58	88	72	122	360
88	VAIGAI	279.20	272.51	0.172	0.053	17-08-2015	31	27	33	61	6
89	PARAMBIKULAM	556.26	546.24	0.380	0.183	17-08-2015	48	81	83	101	-
90	ALIYAR	320.04	318.49	0.095	0.085	17-08-2015	89	81	82	#	60
*91	SHOLAYAR	1002.79	997.91	0.143	0.119	17-08-2015	83	100	90	-	95
	TOTAL FOR 91 RESERVOIRS			157.799	91.073						

Sd/-

66

63

58

\$ TOTAL CCA 342 TH. HA OF DVC SYSTEM

PERCENTAGE

Director W. M. , CWC

<sup>\*</sup> HYDEL POWER CAPACITY HAVING CAPACITY MORE THAN 60MW

<sup>#</sup> TOTAL CCA 101 TH. HA OF PARAMBIKULAM & ALIYAR

 $<sup>@^{\</sup>scriptscriptstyle |}$  TOTAL CCA 425 TH. HA. OF NARAYANPUR AND ALMATTI

 $<sup>\</sup>dagger$  SABARMATI RESERVOIR IS SUPPLEMENTED WITH NARMADA WATER THROUGH PIPELINE.

SI. No. 19th The FRL of S.S.P. 138.38 M and Live capacity at FRL will be 5.760 BCM. However at present the lowest block of the dam is at the level of 121.92 M. and the live capacity at this level is 1.566 BCM

<sup>(</sup>At sl. 30th) 0.444 BCM, Live storage at FRL of Kabini reservoir is intrim