# BRIEF NOTE ON LIVE STORAGE STATUS OF 91 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 09.03.2017)

#### 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 **09.03.2017**, live storage available in these reservoirs is **60.906 BCM**, which is **39%** of total live storage capacity of these reservoirs. However, last year the live storage available in these reservoirs for the corresponding period was **46.267 BCM** and the average of last 10 years live storage was **60.573 BCM**. Thus, the live storage available in 91 reservoirs **as per 09.03.2017 Bulletin** is **132%** of the live storage of corresponding period of last year and **101%** of storage of average of last ten years.

As per Table-01, the overall storage position is **better than the** corresponding period of last year in the country as a whole and is also **better 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 under CWC monitoring having total live storage capacity of 18.01 BCM. As per Reservoir Storage Bulletin dated **09.03.2017**, the total live storage available in these reservoirs is **4.70 BCM** which is **26%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **28%** and average storage of last ten years during corresponding period was **34%** 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.

# b) EASTERN REGION

The Eastern region includes States of Jharkhand, Odisha, West Bengal and Tripura. There are 15 reservoirsunder CWC monitoring having total live storage capacity of 18.83 BCM. As per Reservoir Storage Bulletin dated **09.03.2017**, the total live storage available in these reservoirs is **11.51 BCM** which is **61%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **44%** and average storage of last ten years during corresponding period was **49%** 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.

#### c) WESTERN REGION

The Western region includes States of Gujarat and Maharashtra. There are 27 reservoirs under CWC monitoring having total live storage capacity of 27.07 BCM. As per Reservoir Storage Bulletin dated **09.03.2017**, the total live storage available in these reservoirs is **13.61 BCM** which is **50%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **26%** and average storage of last ten years during corresponding period was **47%** 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 during the corresponding period.

#### d) CENTRAL REGION

The Central region includes States of Uttar Pradesh, Uttarakhand, Madhya Pradesh and Chhattisgarh. There are 12 reservoirs under CWC monitoring having total live storage capacity of 42.30 BCM. As per Reservoir Storage Bulletin dated **09.03.2017**, the total live storage available in these reservoirs is **21.72 BCM** which is **51%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **36%** and average storage of last ten years during corresponding period was **36%** 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 during the corresponding period.

#### e) SOUTHERN REGION

The Southern region includes States of Andhra Pradesh, Telangana, AP&TG(2combined projects in both states) Karnataka, Kerala and Tamil Nadu. There are 31 reservoirs under CWC monitoring having total live storage capacity of 51.59 BCM. As per Reservoir Storage Bulletin dated **09.03.2017**, the total live storage available in these reservoirs is **9.37 BCM** which is **18%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **20%** and average storage of last ten years during corresponding period was **33%** 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 4, better than normal storage is available in Narmada, Mahi, Ganga, Sabarmati, Godavari, Tapi and Mahanadi & neighbouring East Flowing Rivers. NIL in Close to Normal and Deficient in Indus, Rivers of Kutch, West Flowing Rivers of South and Krishna Basin and Highly Deficient in Cauvery & neighbouring EFR basin.
- Table on page 5-7 of the bulletin. The numbers of reservoirs having storage more than last year are **59** and reservoirs having storage more than average of last ten years are **42.** 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 **10.** The number of reservoirs having storage less than or equal to 50% with respect to last year are **13** and having storage less than or equal to 50% with reference to average of last ten years are **20.**

States having better storage (in %) than last year for corresponding period: Punjab, Rajasthan, Jharkhand, Odisha, West Bengal, Gujarat, Maharashtra, Uttar Pradesh, Uttarakhand, Madhya Pradesh, Chhattisgarh, AP&TG (Two combined projects in both states) and Telangana.

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

States having lesser storage (in %) than last year for corresponding period: Himachal Pradesh, Tripura, Andhra Pradesh, Karnataka ,Kerala, and Tamil Nadu.

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

AS ON 09.03.2017

- 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
   09.03.2017 is 60.906 BCM ( 39 percent of the live storage capacity at FRL ). The current year's storage is nearly 132 percent of last year's storage and 101 percent of the average of last ten years.

3 Region wise storage status:-

		Filling	positio	n of 91	reserv	oirs w	.r.t. FR	L			
<b>REGION</b> (States), (Monitoring No. of Reservoirs)	100%	91%- 99%	81%- 90%	71%- 80%	61%- 70%	51%- 60%	41%- 50%	40% & below	Departure fr stor		
NORTH (HP,Punjab & Rajasthan), (6 Resv.)	-	-	-	1	-	1	-	5	H.P. PUNJAB RAJASTHAN	-40 % 21 % 10 %	
EAST (Jharkhand,Odisha, Tripura & W.Bengal ( 15 Resv.)	2	-	1	-	3	1	4	4	JHARKHAND ODISHA W. BENGAL TRIPURA	29 % 23 % 12 % 176 %	
WEST (Guj.& Mah.), (27 Resv.)	-	-	-	1	6	4	8	8	GUJARAT MAH.	13 % -1 %	
CENTRAL (MP,UP,Uttarakhand & Chh.) (12 Resv)	-	-	-	1	3	1	2	5	U.P. UTTARAKHAND M.P. CHHATISGARH	78 % -32 % 59 % 20 %	
SOUTH (Karnataka,TN,AP&TG,AP, TG, & Kerala), ( 31 Resv.)	-	-	-	1	-	-	6	24	AP&TG A,P TG KARNATAKA KERALA T.N.	-73 % -52 % 65 % -38 % -30 % -80 %	
Status of 91 reservoirs	2	0	1	3	12	7	20	46		55,75	

4 Basin wise storage position:

Better than normal: Ganga, Sabarmati, Godavari, Mahi, Narmada, Tapi and Mahanadi & Neighbouring EFRS.

Close to normal: NIL

Deficient: Indus, Rivers of Kutch, West Flowing Rivers of South and Krishna

**Highly deficient:** Cauvery & neighbouring EFRS.

5 Out of 91 reservoirs, 53 reservoirs reported more than 80% of normal storage & 38 reservoirs reported 80% or below of normal storage. Out of these 38 reservoirs 20 having storage upto 50% of normal

storage.

LOWER BHAWANI

Name of reservoir	%	Name of reservoir	%
SHOLAYAR	0	TUNGABHADRA	22
NAGARJUNA SAGAR	9	ALMATTI	29
DANTIWADA	9	HEMAVATHY	32
PARAMBIKULAM	13	BHADRA	33
VAIGAI	13	SRISAILAM	38
ALIYAR	15	KRISHNARAJA SAGRA	39
KABINI	15	PENCH (TOTALADOH)	47
BHADAR	17	SOMASILA	48
PERIYAR	20		
VANIVILAS SAGAR	20		
METTUR(STANLEY)	21		

22

18	reservo	ors							
having storage 51%									
to 80% of normal									
storage.									
51% 61% 71%									
to	to	to							
60%	70%	80%							
7	1	7							
,	7	,							
7	4	7							

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

19 reservoirs.

NOTE: **Normal:** Average of previous ten years, **Close to normal:** Where shortfall is up to 20% of the normal, **Deficient:** Where shortfall is more than 20% of the normal and up to 60% of the normal, **Highly deficient:** Where shortfall is more than 60% of the normal

# WEEKLY REPORT - BASINWISE

# GOVERNMENT OF INDIA

# CENTRAL WATER COMMISSION WEEK ENDING: - 09.03.2017

	WEEKE	NDING :-	09.03.201	1				
NAME OF BASIN	LIVE CAP. AT FRL	_	ÆAR'S RAGE	LAST Y STOR		LAST 10 AVG. ST	YEARS' ORAGE	% DEPARTURE W.R.T. AVE. OF 10 YEARS'
GANGA	28.096	14.617	52.03%	9.741	34.67%	9.989	35.55%	46.33
INDUS	14.730	3.402	23.10%	4.007	27.20%	4.942	33.55%	-31.16
NARMADA	17.414	7.918	45.47%	6.017	34.55%	6.134	35.22%	29.08
TAPI	7.394	4.604	62.27%	2.455	33.20%	3.630	49.09%	26.83
MAHI	4.012	2.128	53.04%	1.202	29.96%	1.793	44.69%	18.68
SABARMATI	0.735	0.300	40.82%	0.241	32.79%	0.228	31.02%	31.58
RIVERS OF KUTCH	0.887	0.119	13.42%	0.226	25.48%	0.216	24.35%	-44.91
GODAVARI	15.394	7.329	47.61%	3.998	25.97%	6.052	39.31%	21.10
KRISHNA	32.831	5.103	15.54%	4.048	12.33%	10.336	31.48%	-50.63
MAHANADI & NEIGHBOURING EFRS	13.181	8.768	66.52%	5.887	44.66%	7.139	54.16%	22.82
CAUVERY& NEIGHBOURING EFRS	8.359	1.092	13.06%	2.539	30.37%	3.253	38.92%	-66.43
WEST FLOWING RIVERS OF SOUTH	14.766	5.526	37.42%	5.906	40.00%	6.861	46.46%	-19.46
TOTAL	157.799	60.906		46.267		60.573		
PERCENTAGE								0.55

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

	GOVERNMENT OF INDIA			WEE	K ENDING :-	09.03.2017		CENTRAL	VATER COM	/IIVIISSIO	IN
						2	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
	NORTHERN REGION										
	HIMACHAL PRADESH	•									
*1	GOBIND SAGAR(BHAKRA)	512.06	471.45	6.229	1.255	07-03-2017	20	38	36	676	1200
*2	PONG DAM	423.67	398.81	6.157	1.281	09-03-2017	21	18	32	-	360
	PUNJAB										
*3	THEIN	527.91	504.81	2.344	0.866	09-03-2017	37	22	31	348	600
	RAJASTHAN										
*4	MAHI BAJAJ SAGAR	280.75	273.80	1.711	0.929	09-03-2017	54	34	34	63	140
5	JHAKAM	359.50	347.25	0.132	0.040	09-03-2017	30	8	19	28	-
*6	RANA PRATAP SAGAR	352.81	346.23	1.436	0.329	08-03-2017	23	29	40	229	172
	EASTERN REGION	•									
_	JHARKHAND										
	TENUGHAT	269.14	259.70		0.405	09-03-2017	49	38	40	-	-
8	MAITHON	146.3	147.12		0.471	09-03-2017	100	27	67	342	-
*9	PANCHET HILL	124.97	125.87		0.184	09-03-2017	100	16	70	\$	80
	KONAR	425.81	419.98		0.082	09-03-2017	47	50	59	\$	-
11	TILAIYA  ODISHA	368.81	365.79	0.142	0.047	09-03-2017	33	24	36	\$	4
*12	HIRAKUD	192.02	189.27	5.378	3.168	09-03-2017	59	52	55	153	307
	BALIMELA	462.08	455.58			08-03-2017	61	48	48	-	360
	SALANADI	82.30	67.70		0.170	09-03-2017	30	5	32	42	
	RENGALI	123.50	121.59			08-03-2017	82	43	53	3	200
	MACHKUND(JALPUT)	838.16	831.43	0.893	0.417	08-03-2017	47	58	61	-	115
	UPPER KOLAB	858.00	854.58		0.620	08-03-2017	66	56	47	89	320
	UPPER INDRAVATI	642.00	636.50		0.892	09-03-2017	61	44	48	128	600
	WEST BENGAL										
19	MAYURAKSHI	121.31	114.06	0.480	0.178	09-03-2017	37	19	33	227	_
20	KANGSABATI	134.14	125.32	0.914	0.284	09-03-2017	31	25	28	341	-
	TRIPURA										
21	GUMTI	93.55	89.50	0.312	0.141	07-03-2017	45	54	16	-	15
	WESTERN REGION										
	<u>GUJARAT</u>										
*22	UKAI	105.16	100.46	6.615	4.240	09-03-2017	64	35	51	348	300
23	SABARMATI(DHAROI)	189.59	184.37	0.735	0.300	09-03-2017	41	33	31	95	1
*24	KADANA	127.7	123.90	1.472	0.828	09-03-2017	56	30	56	200	120
25	SHETRUNJI	55.53	52.12	0.300	0.106	09-03-2017	35	33	39	36	-
26	BHADAR	107.89	99.97	0.188	0.009	09-03-2017	5	18	28	27	-
27	DAMANAGANGA	79.86	74.50	0.502	0.259	09-03-2017	52	46	60	51	1
28	DANTIWADA	184.1	163.28	0.399	0.004	09-03-2017	1	24	12	45	-
29	PANAM	127.41	123.65	0.697	0.331	09-03-2017	47	24	52	36	2
*30	SARDAR SAROVAR	121.92	118.95	1.566	1.068	09-03-2017	68	20	61	2120	1450
31	KARJAN	115.25	104.28	0.523	0.246	09-03-2017	47	32	66	51	3

GOVERNMENT OF INDIA

# CENTRAL WATER COMMISSION

	GOVERNMENT OF INDIA			WEE	K ENDING :-	00 02 2017		CENTRAL V	VATER CON	R COMMISSION			
					K ENDING	09.03.2017	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	460.63	2.171	1.068	09-03-2017	49	1	28	227	-		
*33	KOYANA	657.90	643.53	2.652	1.236	08-03-2017	47	37	63	-	1920		
34	BHIMA(UJJANI)	496.83	494.07	1.517	0.693	08-03-2017	46	0	44	125	12		
35	ISAPUR	441.00	432.52	0.965	0.313	08-03-2017	32	19	43	104	-		
36	MULA	552.30	545.47	0.609	0.300	08-03-2017	49	15	43	139	-		
37	YELDARI	461.77	451.70	0.809	0.120	09-03-2017	15	6	27	78	-		
38	GIRNA	398.07	390.48	0.524	0.209	08-03-2017	40	2	24	79	-		
39	KHADAKVASLA	582.47	581.53	0.056	0.043	08-03-2017	77	45	45	78	8		
*40	UPPER VAITARNA	603.50	599.62	0.331	0.210	08-03-2017	63	42	63	-	61		
41	UPPER TAPI	214.00	212.16	0.255	0.155	08-03-2017	61	42	63	45	-		
*42	PENCH (TOTALADOH)	490.00	473.56	1.091	0.182	08-03-2017	17	20	36	127	160		
43	UPPER WARDHA	342.50	338.74	0.564	0.277	09-03-2017	49	32	41	70	-		
44	BHATSA	142.07	126.36	0.942	0.568	08-03-2017	60	50	56	29.378	15		
45	DHOM	747.70	738.73	0.331	0.205	08-03-2017	62	38	43	36.2	2		
46	DUDHGANGA	646.00	636.94	0.664	0.399	08-03-2017	60	27	58	2.441	24		
47	MANIKDOH (KUKADI)	711.25	690.49	0.288	0.036	08-03-2017	13	9	23	2.2	6		
48	BHANDARDARA  CENTRAL REGION	744.91	738.92	0.304	0.204	08-03-2017	67	22	55	63.74	46		
	UTTAR PRADESH	ı											
40	MATATILA	308.46	304.25	0.707	0.244	08-03-2017	35	13	38	_	30		
	RIHAND	268.22	261.58		2.865	09-03-2017	51	25	26	_	300		
00	UTTRAKHAND	200.22	201.00	0.010	2.000	00 00 2011	01	20	20		000		
*51	RAMGANGA	365.30	335.17	2.196	0.522	09-03-2017	24	23	45	1897	198		
	TEHRI	830.00	775.80		0.780	08-03-2017	30	22	35	2351	1000		
02	MADHYA PRADESH	000.00		2.0.0	0.700	00 00 20			00	200.	.000		
*53	GANDHI SAGAR	399.90	396.22	6.827	4.514	09-03-2017	66	52	33	220	115		
	TAWA	355.40	343.11	1.944	0.487	09-03-2017	25	19	27	247	-		
	BARGI	422.76	416.15		1.570	09-03-2017	49	56	45	157	90		
	BANSAGAR	341.64	338.01	5.166	3.571	09-03-2017	69	42	41	488	425		
*57	INDIRA SAGAR	262.13	255.02	9.745	4.381	09-03-2017	45	34	29	2380	1000		
58	BARNA	348.55	343.64	0.456	0.166	09-03-2017	36	9	21	546	_		
	CHHATTIS GARH												
*59	MINIMATA BANGOI	359.66	354.44	3.046	2.049	08-03-2017	67	42	57	-	120		
60	MAHANADI	348.70	346.47	0.767	0.570	09-03-2017	74	40	59	319	10		
;	SOUTHERN REGION	•											
	A.P & TG												
*61	SRISAILAM	269.75	249.42	8.288	1.023	09-03-2017	12	11	33	0	770		
*62	NAGARJUNA SAGAR	179.83	156.24	6.841	0.126	09-03-2017	2	0	22	895	810		
	ANDHRA PRADESH												
63	SOMASILA	100.58	87.01	1.994	0.478	09-03-2017	24	50	50	168	0		
	<u>TELANGANA</u>												
64	SRIRAMSAGAR	332.54	327.05	2.300	0.998	09-03-2017	43	6	22	411	27		
65	LOWER MANAIR	280.42	274.53	0.621	0.301	09-03-2017	48	14	45	199	60		

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

**GOVERNMENT OF INDIA** 

#### CENTRAL WATER COMMISSION

				WEE	K ENDING :-	09.03.2017					
			CURRENT	LIVE			STORAGE A	S % OF LIVE C FRL	BENEFITS		
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	ЗА	3B
	KARNATAKA			•					•		
66	KRISHNARAJA SAGRA	752.50	739.21	1.163	0.196	06-03-2017	17	31	43	79	
*67	TUNGABHADRA	497.74	481.71	3.276	0.123	09-03-2017	4	7	17	529	72
68	GHATAPRABHA	662.95	641.06	1.391	0.245	08-03-2017	18	13	17	317	
69	BHADRA	657.76	640.70	1.785	0.344	08-03-2017	19	35	59	106	39
70	LINGANAMAKKI	554.43	540.70	4.294	1.279	09-03-2017	30	34	45	-	55
71	NARAYANPUR	492.25	488.74	0.863	0.353	09-03-2017	41	28	62	425	
72	MALAPRABHA(RENUKA)	633.83	622.58	0.972	0.091	08-03-2017	9	5	12	215	
73	KABINI(Sancherla Tank)	696.16	686.27	0.444	0.019	06-03-2017	4	25	29	85	
74	HEMAVATHY	890.63	871.21	0.927	0.065	06-03-2017	7	13	22	265	
75	HARANGI	871.42	856.00	0.220	0.037	06-03-2017	17	7	14	53	
76	SUPA	564.00	540.50	4.120	1.797	09-03-2017	44	37	42	-	
77	VANIVILAS SAGAR	652.28	632.91	0.802	0.025	09-03-2017	3	12	15	123	
*78	ALMATTI	519.60	506.97	3.105	0.161	09-03-2017	5	11	18	@	290
*79	GERUSOPPA	55.00	49.13	0.130	0.097	09-03-2017	75	95	85	83	240
	KERALA										
80	KALLADA(PARAPPAR)	115.82	97.30	0.507	0.155	06-03-2017	31	81	60	62	
*81	IDAMALAYAR	169.00	146.67	1.018	0.442	06-03-2017	43	41	48	33	75
*82	IDUKKI	732.43	710.46	1.460	0.449	06-03-2017	31	44	47	-	780
*83	KAKKI	981.46	962.60	0.447	0.205	06-03-2017	46	59	62	23	300
*84	PERIYAR	867.41	858.76	0.173	0.007	06-03-2017	4	17	20	84	140
85	MALAPMUZHA	115.06	102.14	0.224	0.028	09-03-2017	13	15	25	21	3
	TAMIL NADU										
86	LOWER BHAWANI	278.89	260.71	0.792	0.071	06-03-2017	9	24	41	105	8
*87	METTUR(STANLEY)	240.79	213.58	2.647	0.221	06-03-2017	8	27	39	122	360
88	VAIGAI	279.20	264.70	0.172	0.005	06-03-2017	3	16	23	61	6
89	PARAMBIKULAM	556.26	536.24	0.380	0.024	06-03-2017	6	38	50	101	
90	ALIYAR	320.04	302.94	0.095	0.006	06-03-2017	6	21	43	#	60
*91	SHOLAYAR	1002.79	955.05	0.143	0.000	05-03-2017	0	0	6	-	95
	TOTAL FOR 91 RESERVOIRS			157.799	60.906						

Sd/-

38

39

 $\$  TOTAL CCA 342 TH. HA OF DVC SYSTEM

PERCENTAGE

Director W. M. , CWC

 $<sup>^{\</sup>star}$  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. 30th 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