BRIEF NOTE ON STORAGE STATUS OF 91 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 17.12.2015)

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 17.12.2015, live storage available in these reservoirs is 76.926 BCM, which is 49% of total live storage capacity of these reservoirs. This storage is 79% of the storage of corresponding period of last year and 75% of storage of average of last ten years.

As per Table-01, 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 under CWC monitoring having total live storage capacity of 18.01 BCM. As per Reservoir Storage Bulletin dated 17.12.2015, the total live storage available in these reservoirs is 10.91 BCM which is 61% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 55% and average storage of last ten years during corresponding period was 62% of live storage capacity of these reservoirs. Thus, storage during current year is better than the corresponding period of last year but is 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 17.12.2015, the total live storage available in these reservoirs is 11.15 BCM which is 59% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 76% and average storage of last ten years during corresponding period was 72% 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 under CWC monitoring having total live storage capacity of 27.07 BCM. As per Reservoir Storage Bulletin dated 17.12.2015, the total live storage available in these reservoirs is 12.00 BCM which is 44% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 63% 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 less than the storage of last year and is also less 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 17.12.15, the total live storage available in these reservoirs is 25.55 BCM which is

60% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 70% and average storage of last ten years during corresponding period was 56% of live storage capacity of these reservoirs. Thus, storage during current year is less than the storage of last year but is 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 17.12.2015, the total live storage available in these reservoirs is 17.32 BCM which is 34% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 51% and average storage of last ten years during corresponding period was 67% 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 8, better than normal storage is available in Ganga, Indus, Narmada, Sabarmati and Rivers of Kutch. Close to Normal in Mahi and Cauvery & neighbouring EFRs. Deficient in Tapi, Godavari, Mahanadi & neighbouring East Flowing Rivers and West Flowing rivers of South and Highly Deficient in Krishna basin.
- Table on page 7: IMD has divided India in 36 meteorological sub-divisions. The data in respect of reservoir storage as compared with observed rainfall in sub-divisions having rainfall less than 80% of normal is given in the table.
- Table on page 9-11 of the bulletin. The numbers of reservoirs having storagemore than last year are 17 and reservoirs having storage more than average of last ten years are 22. The numbers of reservoirs having storage less than 20% with respect to last year is 6 and having storage less than 20% with reference to average of last ten years is 8. The number of reservoirs having storage less than or equal to 50% with respect to last year are 20 and having storage less than or equal to 50% with reference to average of last ten years are 23.

States having better storage (in %) than last year for corresponding period: Himachal Pradesh, Andhra Pradesh and Tripura.

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

States having lesser storage (in %) than last year for corresponding period: Punjab, Rajasthan, Jharkhand, Odisha, West Bengal, Gujarat, Maharashtra, Uttar Pradesh, Uttarakhand, Madhya Pradesh, Chhattisgarh, AP&TG (2combined project in both states), 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
 17.12.2015 is 76.926 BCM (49 percent of the live storage capacity at FRL). The current year's storage is nearly 79 percent of last year's storage and 75 percent of the average of last ten years.

3 Region wise storage status:-

		Filling	positio								
REGION (States), (Monitoring No. of Reservoirs)	100%	91%- 99%	81%- 90%	71%- 80%	61%- 70%	51%- 60%	41%- 50%	40% & below	Departure fi stor		
NORTH (HP,Punjab & Rajasthan), (6 Resv.)	1	1	1	2	1	1	-	2	H.P. PUNJAB RAJASTHAN	7 % -37 % -13 %	
EAST (Jharkhand,Odisha, Tripura & W.Bengal (15 Resv.)	-	-	2	2	3	2	1	5	JHARKHAND ODISHA W. BENGAL TRIPURA	-33 % -16 % -48 % 128 %	
WEST (Guj.& Mah.), (27 Resv.)	-	-	3	-	4	7	5	8	GUJARAT MAH.	-22 % -52 %	
CENTRAL (MP,UP,Uttarakhand & Chh.), (12 Resv)	-	-	-	2	5	2	2	1	U.P. UTTARAKHAND M.P. CHHATISGARH	-16 % -7 % 23 % -33 %	
SOUTH (Karnataka,TN,AP&TG,AP, TG, & Kerala), (31 Resv.)	2	3	-	3	3	5	2	13	AP&TG A,P TG KARNATAKA KERALA T.N.	-85 % 31 % -84 % -47 % -13 % -8 %	
Status of 91 reservoirs	2	3	5	9	16	17	10	29		- 1,1	

4 Basin wise storage position:

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

Close to normal: Mahi and Cauvery & neighbouring EFRS.

Deficient: Tapi, Godavari, Mahanadi & Neighbouring EFRS, and West Flowing rivers of south.

Highly deficient: Krishna.

5 Out of 91 reservoirs, 41 reservoirs reported more than 80% of normal storage & 50 reservoirs reported 80% or below of normal storage. Out of these 50 reservoirs 23 having storage upto 50% of normal

storage.

Name of reservoir	%	Name of reservoir	%	Name of reservoir	%
NAGARJUNA SAGAR	0	PANCHET HILL	24	GHATAPRABHA	41
BHIMA(UJJANI)	0	MALAPRABHA(RENUKA)	26	MAYURAKSHI	47
GIRNA	8	SRISAILAM	26	SHOLAYAR	50
HARANGI	9	HEMAVATHY	31		
SALANADI	13	BHANDARDARA	36		
YELDARI	14	ISAPUR	37		
SRIRAMSAGAR	14	MAITHON	37		
JAYAKWADI(PAITHON)	19	MANIKDOH	38		
ALMATTI	21	MULA	39		
LOWER MANAIR	22	TUNGABHADRA	40		

27 reservors									
having storage 51%									
to 80% of normal									
storage.									
51%	61%	71%							
to	to	to							
60%	70%	80%							
5	14	8							

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

27 reservoirs.

WEEKLY REPORT - BASINWISE

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

WEEK ENDING :- 17.12.2015

NAME OF BASIN	LIVE CAP. AT FRL	_	ÆAR'S RAGE	LAST Y STOR	_	LAST 10 AVG. ST		% DEPARTURE W.R.T. AVE. OF 10 YEARS'
GANGA	28.096	15.262	54.32%	17.187	61.17%	14.673	52.22%	4.01
INDUS	14.730	9.123	61.93%	7.862	53.37%	9.017	61.22%	1.18
NARMADA	17.414	11.418	65.57%	12.964	74.45%	10.697	61.43%	6.74
TAPI	7.394	3.874	52.39%	4.632	62.65%	5.271	71.29%	-26.50
MAHI	4.012	2.296	57.23%	3.051	76.05%	2.752	68.59%	-16.57
SABARMATI	0.735	0.500	68.03%	0.370	50.34%	0.437	59.46%	14.42
RIVERS OF KUTCH	0.887	0.580	65.39%	0.253	28.52%	0.449	50.62%	29.18
GODAVARI	15.394	6.010	39.04%	8.902	57.83%	9.974	64.79%	-39.74
KRISHNA	32.831	6.926	21.10%	14.945	45.52%	22.385	68.18%	-69.06
MAHANADI & NEIGHBOURING EFRS	13.181	7.432	56.38%	10.718	81.31%	10.034	76.12%	-25.93
CAUVERY& NEIGHBOURING EFRS	8.359	5.163	61.77%	5.340	63.88%	5.347	63.97%	-3.44
WEST FLOWING RIVERS OF SOUTH	14.766	8.342	56.49%	11.207	75.90%	11.168	75.63%	-25.30
TOTAL	157.799	76.926		97.431		102.204		
PERCENTAGE								-24.73

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

	GOVERNMENT OF INDIA			WFF	K ENDING :-	17.12.2015		CENTRAL V	VATER COM	VIVISSIO	N
			CURRENT	LIVE			STORAGE A	S % OF LIVE C	APACITY AT	BENE	EFITS
S. NO	NAME OF RESERVOIR	FRL (m)	RESERVOIR LEVEL (m)	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
1	NORTHERN REGION	ı									
	HIMACHAL PRADESH										
*1	GOBIND SAGAR(BHAKRA)	512.06	504.04	6.229	4.729	16-12-2015	76	67	70	676	1200
*2	PONG DAM PUNJAB	423.67	413.39	6.157	3.650	17-12-2015	59	43	56	-	360
*3	THEIN	527.91	502.46	2.344	0.744	17-12-2015	32	44	50	348	600
	RAJASTHAN										
*4	MAHI BAJAJ SAGAR	280.75	277.10	1.711	1.258	17-12-2015	74	83	70	63	140
5	JHAKAM	359.50	353.85	0.132	0.082	17-12-2015	62	71	61	28	-
*6	RANA PRATAP SAGAR	352.81	347.04	1.436	0.445	17-12-2015	31	35	55	229	172
	EASTERN REGION	ı									
	<u>JHARKHAND</u>										
7	TENUGHAT	269.14	258.50	0.821	0.360	17-12-2015	44	48	42	-	-
8	MAITHON	146.3	139.93	0.471	0.156	17-12-2015	33	75	89		-
*9	PANCHET HILL	124.97	121.22	0.184	0.041	17-12-2015	22	67	93		80
	KONAR	425.81	422.71	0.176	0.123	17-12-2015	70	89	75	·	-
11	TILAIYA	368.81	367.57	0.142	0.100	17-12-2015	70	99	70	\$	4
	<u>ODISHA</u>										
	HIRAKUD	192.02	190.54	5.378	3.876	17-12-2015	72	82	86		307
	BALIMELA	462.08	457.14	2.676	1.847	17-12-2015	69	89	66		360
	SALANADI	82.30	56.30	0.558	0.034	16-12-2015	6	47	48		-
	RENGALI	123.50	118.36	3.432	1.788	17-12-2015	52	81	74		200
	MACHKUND(JALPUT)	838.16	836.57	0.893	0.750	17-12-2015	84	87	84	-	115
	UPPER KOLAB UPPER INDRAVATI	858.00	856.07	0.935	0.753	17-12-2015	81	87	65		320
-18	WEST BENGAL	642.00	634.93	1.456	0.740	17-12-2015	51	86	74	128	600
10	MAYURAKSHI	121.31	111.12	0.480	0.102	17-12-2015	21	22	45	227	
	KANGSABATI	134.14	123.99	0.480	0.102	17-12-2015	25	27	45		-
20	TRIPURA	134.14	123.99	0.914	0.226	17-12-2015	25	21	45	341	-
21	GUMTI	93.55	92.20	0.312	0.249	15-12-2015	80	20	35	_	15
	WESTERN REGION	00.00	02.20	0.0.2	0.2.0	.0 .2 20.0	00	20	00		
	GUJARAT	•									
*22	UKAI	105.16	99.10	6.615	3.643	17-12-2015	55	64	72	348	300
23	SABARMATI(DHAROI)	189.59	187.04	0.735	0.500	17-12-2015	68	50	59	95	1
	KADANA	127.7	122.23	1.472	0.691	17-12-2015	47	74	67	200	120
25	SHETRUNJI	55.53	54.97	0.300	0.257	17-12-2015	86	38	72	36	-
26	BHADAR	107.89	104.91	0.188	0.084	17-12-2015	45	35	61	27	-
27	DAMANAGANGA	79.86	78.45	0.502	0.413	17-12-2015	82	79	89	51	1
28	DANTIWADA	184.1	179.39	0.399	0.239	17-12-2015	60	19	30	45	-
29	PANAM	127.41	122.20	0.697	0.265	17-12-2015	38	66	70	36	2
*30	SARDAR SAROVAR	121.92	117.01	1.566	0.791	17-12-2015	51	72	73	2120	1450
31	KARJAN	115.25	105.32	0.523	0.266	17-12-2015	51	78	89	51	3

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

	GOVERNMENT OF INDIA			WE	EK ENDING :-	17.12.2015		CENTRAL V	VATER COM	MMISSIO	N
			CURRENT	LIVE			STORAGE A	S % OF LIVE C FRL	CAPACITY AT	BENE	FITS
S. NO	NAME OF RESERVOIR	FRL (m)	RESERVOIR LEVEL (m)	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
	MAHARASHTRA										
32	JAYAKWADI(PAITHON)	463.91	456.87	2.171	0.220	16-12-2015	10	31	54	227	-
*33	KOYANA	657.90	647.22	2.652	1.529	17-12-2015	58	82	86	-	1920
34	BHIMA(UJJANI)	496.83	490.62	1.517	0.000	17-12-2015	0	79	83	125	12
35	ISAPUR	441.00	430.70	0.965	0.221	17-12-2015	23	58	63	104	-
36	MULA	552.30	541.81	0.609	0.178	16-12-2015	29	52	75	139	-
37	YELDARI	461.77	449.76	0.809	0.057	17-12-2015	7	40	52	78	-
38	GIRNA	398.07	383.11	0.524	0.022	17-12-2015	4	36	50	79	-
39	KHADAKVASLA	582.47	580.22	0.056	0.028	17-12-2015	50	71	54	78	8
*40	UPPER VAITARNA	603.50	598.90	0.331	0.189	17-12-2015	57	69	91	-	61
41	UPPER TAPI	214.00	213.20	0.255	0.209	17-12-2015	82	93	93	45	-
*42	PENCH (TOTALADOH)	490.00	482.05	1.091	0.508	17-12-2015	47	45	60	127	160
43	UPPER WARDHA	342.50	340.05	0.564	0.365	17-12-2015	65	71	79	70	-
44	BHATSA	142.07	130.39	0.942	0.653	17-12-2015	69	79	82	29.378	15
45	DHOM	747.70	735.67	0.331	0.158	17-12-2015	48	82	75	36.2	2
46	DUDHGANGA	646.00	635.58	0.664	0.365	17-12-2015	55	92	89	2.441	24
47	MANIKDOH (KUKADI)	711.25	690.80	0.288	0.057	16-12-2015	20	41	52	2.2	6
	BHANDARDARA	342.50	340.05	0.304	0.091	17-12-2015	65	71	79	70	-
	CENTRAL REGION	•									
	UTTAR PRADESH										
	MATATILA	308.46	306.51	0.707	0.437	15-12-2015	62	39	60	-	30
*50	RIHAND	268.22	258.96	5.649	1.846	14-12-2015	33	40	41	-	300
	UTTRAKHAND					.=					
	RAMGANGA	365.30	354.00	2.196	1.399	17-12-2015	64	83	71	1897	198
*52	TEHRI	830.00	808.00	2.615	1.758	17-12-2015	67	76	71	2351	1000
.=.	MADHYA PRADESH					.=					
	GANDHI SAGAR	399.90	397.71	6.827	5.322	17-12-2015	78	64	47	220	115
	TAWA	355.40	351.28	1.944	1.340	17-12-2015	69	73	74	247	-
	BARGI	422.76	420.30			17-12-2015	80	83	73		90
	BANSAGAR INDIRA SAGAR	341.64	335.56		2.696	17-12-2015	52	84	51	488	425
		262.13	257.76		6.250	17-12-2015	64	73	52	2380	1000
58	BARNA CHHATTIS GARH	348.55	345.05	0.456	0.237	17-12-2015	52	56	57	546	-
*50	MINIMATA BANGOI	250.66	240.20	2.046	4 262	16 10 2015	45	0.4	G.F.		120
		359.66	349.28		1.363	16-12-2015	45	84	65	- 210	120
	MAHANADI SOUTHERN REGION	348.70	343.82	0.767	0.371	16-12-2015	48	94	80	319	10
<u> </u>		•									
*64	A.P & TG	260.75	054.00	0.000	4 477	17 10 0045	40	0	60	0	770
	SRISAILAM	269.75	254.63		1.477	17-12-2015	18	0	69	0	770
62	NAGARJUNA SAGAR	179.83	154.99	6.841	0.000	17-12-2015	0	39	57	895	810
60	ANDHRA PRADESH	100 50	00.74	4.004	4.004	17 10 0015	00	00	70	400	^
03	SOMASILA TELANGANA	100.58	98.74	1.994	1.834	17-12-2015	92	62	70	168	0
C A	' <u></u>	222 54	200.40	2 200	0.400	17,10 0015	0	20	E-7	111	27
	SRIRAMSAGAR	332.54	320.13 268 79		0.180	17-12-2015	8 16	22	57 74	411	27 60
00	LOWER MANAIR	280.42	268.79	0.621	0.100	17-12-2015	16	38	74	199	60

WEEKLY REPORT OF 91 IMPORTANT RESERVOIRS OF INDIA

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

				WE	K ENDING :-	17.12.2015					
			OUDDENT	10/5			STORAGE A	STORAGE AS % OF LIVE CAPACITY AT FRL			EFITS
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	747.55	1.163	0.734	16-12-2015	63	90	76	79	-
*67	TUNGABHADRA	497.74	489.76	3.276	0.836	17-12-2015	26	68	64	529	72
68	GHATAPRABHA	662.95	644.61	1.391	0.369	14-12-2015	27	70	65	317	-
69	BHADRA	657.76	650.47	1.785	1.030	14-12-2015	58	91	91	106	39
70	LINGANAMAKKI	554.43	546.37	4.294	2.229	17-12-2015	52	76	78	-	55
71	NARAYANPUR	492.25	488.98	0.863	0.375	17-12-2015	43	67	85	425	-
72	MALAPRABHA(RENUKA)	633.83	623.98	0.972	0.144	14-12-2015	15	55	58	215	-
73	KABINI(Sancherla Tank)	696.16	690.58	0.444	0.165	17-12-2015	37	65	30	85	-
74	HEMAVATHY	890.63	874.62	0.927	0.140	17-12-2015	15	54	48	265	-
75	HARANGI	871.42	848.35	0.220	0.004	17-12-2015	2	15	20	53	-
76	SUPA	564.00	540.81	4.120	1.820	17-12-2015	44	69	68	-	-
77	VANIVILAS SAGAR	652.28	637.46	0.802	0.104	17-12-2015	13	10	20	123	-
*78	ALMATTI	519.60	509.65	3.105	0.454	17-12-2015	15	60	69	@	290
*79	GERUSOPPA	55.00	47.66	0.130	0.090	17-12-2015	69	76	85	83	240
	<u>KERALA</u>										
80	KALLADA(PARAPPAR)	115.82	114.92	0.507	0.464	17-12-2015	92	91	86	62	-
*81	IDAMALAYAR	169.00	152.43	1.018	0.572	17-12-2015	56	86	75	33	75
*82	IDUKKI	732.43	720.90	1.460	0.865	17-12-2015	59	76	72	-	780
*83	KAKKI	981.46	974.27	0.447	0.334	17-12-2015	75	78	85	23	300
*84	PERIYAR	867.41	868.75	0.173	0.173	17-12-2015	100	92	66	84	140
85	MALAPMUZHA	867.41	868.75	0.224	0.121	17-12-2015	100	92	66	84	140
	TAMIL NADU										
86	LOWER BHAWANI	278.89	272.55	0.792	0.432	17-12-2015	55	66	70	105	8
*87	METTUR(STANLEY)	240.79	233.74	2.647	1.722	17-12-2015	65	64	67	122	360
88	VAIGAI	279.20	277.41	0.172	0.132	17-12-2015	77	9	57	61	6
89	PARAMBIKULAM	556.26	551.17	0.380	0.276	17-12-2015	73	85	84	101	-
90	ALIYAR	320.04	319.67	0.095	0.093	17-12-2015	98	93	85	#	60
*91	SHOLAYAR	1002.79	980.09	0.143	0.050	17-12-2015	35	71	71	-	95
	TOTAL FOR 91 RESERVOIRS			157.799	76.926						
	PERCENTAGE						49	62	65		

Sd/-

\$ TOTAL CCA 342 TH. HA OF DVC SYSTEM

Director W. M., CWC

the dam is at the level of 121.92 M. and the live capacity at this level is 1.566 BCM $\,$

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

^{*} HYDEL POWER CAPACITY HAVING CAPACITY MORE THAN 60MW

[#] TOTAL CCA 101 TH. HA OF PARAMBIKULAM & ALIYAR

^{@&#}x27;TOTAL CCA 425 TH. HA. OF NARAYANPUR AND ALMATTI

 $[\]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