BRIEF NOTE ON LIVE STORAGE STATUS OF 91 RESERVOIRS IN THE COUNTRY (WITH REFERENCE TO RESERVOIR STORAGE BULLETIN OF 02.06.2016)

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 02.06.2016, live storage available in these reservoirs is 26.611 BCM, which is 17% of total live storage capacity of these reservoirs. However, last year the live storage available in these reservoirs for the corresponding period was 44.670 BCM and the average of last 10 years live storage was 32.234 BCM. Thus, the live storage available in 91 reservoirs as per 02.06.2016 Bulletin is 60% of the live storage of corresponding period of last year and 83% 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 02.06.2016, the total live storage available in these reservoirs is 3.95 BCM which is 22% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 42% and average storage of last ten years during corresponding period was 29% 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 02.06.2016, the total live storage available in these reservoirs is 4.09 BCM which is 22% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 34% and average storage of last ten years during corresponding period was 19% of live storage capacity of these reservoirs. Thus, storage during current year is less than the corresponding period of last year and is 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 02.06.2016, the total live storage available in these reservoirs is 3.50 BCM which is 13% of total live storage capacity of these reservoirs. The storage during corresponding period of last year was 22% and average storage of last ten years during corresponding period was 24% 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

02.06.2016, the total live storage available in these reservoirs is **9.35 BCM** which is **22%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **32%** and average storage of last ten years during corresponding period was **17%** 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 **02.06.2016**, the total live storage available in these reservoirs is **5.33** BCM which is **10%** of total live storage capacity of these reservoirs. The storage during corresponding period of last year was **22%** and average storage of last ten years during corresponding period was **19%** 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.

STORAGE STATUS OF IMPORTANT RESERVOIRS IN THE COUNTRY

AS ON 02.06.2016

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

02.06.2016 is **26.222** BCM (**17** percent of the live storage capacity at FRL). The current year's storage is nearly **59** percent of last year's storage and **81** percent of the average of last ten years.

3 Region wise storage status:-

| DEGION (OLANA) | | 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 fr stor | | |
| NORTH (HP,Punjab & Rajasthan), (6 Resv.) | - | - | - | - | - | - | - | 6 | H.P. PUNJAB RAJASTHAN | -29 % -26 % -9 % | |
| EAST (Jharkhand,Odisha, Tripura & W.Bengal (15 Resv.) | - | - | - | - | - | - | 1 | 14 | JHARKHAND ODISHA W. BENGAL TRIPURA | -27 % 19 % 38 % 404 % | |
| WEST (Guj.& Mah.), (27 Resv.) | - | - | - | 1 | - | - | 1 | 25 | GUJARAT MAH. | -30 % -67 % | |
| CENTRAL (MP,UP,Uttarakhand & Chh.), (12 Resv) | - | - | - | - | - | - | - | 12 | U.P. UTTARAKHAND M.P. CHHATISGARH | 25 % -75 % 73 % -29 % | |
| SOUTH (Karnataka,TN,AP&TG,AP, TG, & Kerala), (31 Resv.) | - | - | 1 | - | - | - | - | 30 | AP&TG A,P TG KARNATAKA KERALA T.N. | -85 % -2 % -45 % -24 % 8 % -67 % | |
| Status of 91 reservoirs | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 87 | | 9 - 1 | |

4 Basin wise storage position:

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

Close to normal: Godavari, and West Flowing rivers of south.

Deficient: Indus, Mahi, Mahanadi & Neighbouring EFRS and Cauvery & neighbouring EFRS

Highly deficient: Tapi and Krishna.

5 Out of 91 reservoirs, **40** reservoirs reported more than 80% of normal storage & **51** reservoirs reported 80% or below of normal storage. Out of these 51 reservoirs 42 having storage upto 50% of normal

storage.

| Name of reservoir | % | Name of reservoir | % | Name of reservoir | % |
|--------------------|---|--------------------|----|-------------------|----|
| NAGARJUNA SAGAR | 0 | TUNGABHADRA | 9 | MALAMPUZHA | 29 |
| BHIMA(UJJANI) | 0 | SALANADI | 11 | PONG DAM | 30 |
| JAYAKWADI(PAITHON) | 0 | KOYANA | 12 | KARJAN | 32 |
| GIRNA | 0 | LOWER BHAWANI | 14 | MAITHON | 33 |
| YELDARI | 0 | NARAYANPUR | 20 | MATATILA | 34 |
| KABINI | 0 | RAMGANGA | 21 | METTUR(STANLEY) | 36 |
| SHOLAYAR | 0 | MALAPRABHA(RENUKA) | 23 | UKAI | 36 |
| DUDHGANGA | 0 | PERIYAR | 24 | SRISAILAM | 39 |
| UPPER TAPI | 0 | VAIGAI | 25 | TEHRI | 40 |
| PANCHET HILL | 8 | BHADRA | 27 | BARNA | 41 |
| BHANDARDARA | 9 | PARAMBIKULAM | 28 | PANAM | 41 |
| ISAPUR | 9 | TAWA | 28 | KADANA | 43 |
| | | | | DHADAD | 12 |

| KADANA | 43 |
|-------------------|----|
| BHADAR | 43 |
| PENCH (TOTALADOH) | 44 |
| LOWER MANAIR | 45 |
| JHAKAM | 47 |
| HARANGI | 47 |
| VANIVILAS SAGAR | 50 |
| | |
| | |

| 7. | LOWLINIMAINAIN |
|----|-----------------|
| 4 | JHAKAM |
| 4 | HARANGI |
| 50 | VANIVILAS SAGAR |
| | |

23 reservoirs.

9 reservors

71%

to

80%

3

having storage 51% to 80% of normal

61%

to

70%

5

storage.

51%

to

60%

1

WEEKLY REPORT - BASINWISE

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

| WEEK | ENDING :- | 02.06.2016 |
|------|-----------|------------|
| | | |

| NAME OF BASIN | LIVE CAP. AT FRL | THIS YEAR'S STORAGE | | LAST YEAR'S STORAGE | | LAST 10 YEARS' AVG. STORAGE | | % DEPARTURE W.R.T. AVE. OF 10 YEARS' |
|------------------------------|------------------|------------------------|--------|------------------------|--------|--------------------------------|--------|--|
| GANGA | 28.096 | 7.145 | 25.43% | 9.928 | 35.34% | 5.115 | 18.21% | 39.69 |
| INDUS | 14.730 | 3.083 | 20.93% | 6.756 | 45.87% | 4.276 | 29.03% | -27.90 |
| NARMADA | 17.414 | 3.663 | 21.03% | 3.763 | 21.61% | 2.551 | 14.65% | 43.59 |
| TAPI | 7.394 | 0.592 | 8.01% | 1.360 | 18.39% | 1.751 | 23.68% | -66.19 |
| MAHI | 4.012 | 0.758 | 18.89% | 1.699 | 42.35% | 1.352 | 33.70% | -43.93 |
| SABARMATI | 0.735 | 0.163 | 22.18% | 0.088 | 11.97% | 0.154 | 20.95% | 5.84 |
| RIVERS OF KUTCH | 0.887 | 0.059 | 6.60% | 0.065 | 7.33% | 0.056 | 6.31% | 4.59 |
| GODAVARI | 15.394 | 2.426 | 15.76% | 3.662 | 23.79% | 2.746 | 17.84% | -11.65 |
| KRISHNA | 32.831 | 1.323 | 4.03% | 6.336 | 19.30% | 5.336 | 16.25% | -75.21 |
| MAHANADI & NEIGHBOURING EFRS | 13.181 | 2.511 | 19.05% | 5.207 | 39.50% | 3.180 | 24.13% | -21.03 |
| CAUVERY& NEIGHBOURING EFRS | 8.359 | 1.365 | 16.33% | 2.039 | 24.39% | 2.420 | 28.95% | -43.60 |
| WEST FLOWING RIVERS OF SOUTH | 14.766 | 3.134 | 21.22% | 3.767 | 25.51% | 3.297 | 22.33% | -4.94 |
| TOTAL | 157.799 | 26.222 | | 44.670 | | 32.234 | | |
| PERCENTAGE | | | | | | | | -18.65 |

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

| | | | | WEE | K ENDING :- | 02.06.2016 | | | | | |
|----------|-----------------------------|-----------------|--------------------------------------|-------------------------------------|----------------------------------|------------|-----------------|---------------|-----------------------------|----------------------------|-------------------|
| | | | | | | | STORAGE A | S % OF LIVE C | CAPACITY 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 | U | | I. | | | | | I. | | |
| | HIMACHAL PRADESH | | | | | | | | | | |
| *1 | GOBIND SAGAR(BHAKRA) | 512.06 | 478.35 | 6.229 | 1.765 | 02-06-16 | 28 | 43 | 25 | 676 | 1200 |
| *2 | PONG DAM PUNJAB | 423.67 | 391.06 | 6.157 | 0.476 | 01-06-16 | 8 | 37 | 26 | - | 360 |
| *3 | THEIN | 527.91 | 504.47 | 2.344 | 0.842 | 02-06-16 | 36 | 79 | 49 | 348 | 600 |
| | RAJASTHAN | | | | | | | | | | |
| *4 | MAHI BAJAJ SAGAR | 280.75 | 266.03 | 1.711 | 0.341 | 30-05-16 | 20 | 30 | 22 | 63 | 140 |
| 5 | JHAKAM | 359.50 | 337.50 | 0.132 | 0.009 | 30-05-16 | 7 | 18 | 14 | 28 | _ |
| *6 | RANA PRATAP SAGAR | 352.81 | 347.68 | 1.436 | 0.515 | 26-05-16 | 36 | 21 | 39 | 229 | 172 |
| | EASTERN REGION | | | | | | | | | | |
| | <u>JHARKHAND</u> | • | | | | | | | | | |
| 7 | TENUGHAT | 269.14 | 255.38 | 0.821 | 0.265 | 26-05-16 | 32 | 40 | 30 | - | - |
| 8 | MAITHON | 146.3 | 135.37 | 0.471 | 0.042 | 26-05-16 | 9 | 17 | 27 | 342 | - |
| *9 | PANCHET HILL | 124.97 | 119.72 | 0.184 | 0.005 | 26-05-16 | 3 | 39 | 33 | \$ | 80 |
| 10 | KONAR | 425.81 | 416.91 | 0.176 | 0.047 | 26-05-16 | 27 | 41 | 30 | \$ | - |
| 11 | TILAIYA | 368.81 | 364.46 | 0.142 | 0.019 | 26-05-16 | 13 | 28 | 21 | \$ | 4 |
| | <u>ODISHA</u> | | | | | | | | | | |
| *12 | HIRAKUD | 192.02 | 183.63 | 5.378 | 0.917 | 01-06-16 | 17 | 20 | 17 | 153 | 307 |
| *13 | BALIMELA | 462.08 | 450.19 | 2.676 | 0.968 | 25-05-16 | 36 | 50 | 17 | - | 360 |
| 14 | SALANADI | 82.30 | 52.70 | 0.558 | 0.017 | 01-06-16 | 3 | 38 | 25 | 42 | - |
| *15 | RENGALI | 123.50 | 112.29 | 3.432 | 0.448 | 25-05-16 | 13 | 48 | 15 | 3 | 200 |
| *16 | MACHKUND(JALPUT) | 838.16 | 828.45 | 0.893 | 0.275 | 25-05-16 | 31 | 31 | 37 | - | 115 |
| *17 | UPPER KOLAB | 858.00 | 848.60 | 0.935 | 0.208 | 25-05-16 | 22 | 43 | 19 | 89 | 320 |
| *18 | UPPER INDRAVATI | 642.00 | 630.62 | 1.456 | 0.486 | 02-06-16 | 33 | 34 | 15 | 128 | 600 |
| | WEST BENGAL | | | | | | | | | | |
| 19 | MAYURAKSHI | 121.31 | 109.58 | 0.480 | 0.073 | 26-05-16 | 15 | 15 | 17 | 227 | - |
| 20 | KANGSABATI | 134.14 | 122.71 | 0.914 | 0.180 | 26-05-16 | 20 | 21 | 11 | 341 | - |
| | TRIPURA | | | | | | | | | | |
| 21 | GUMTI | 93.55 | 89.45 | 0.312 | 0.141 | 25-05-16 | 45 | 5 | 9 | - | 15 |
| | WESTERN REGION | ı | | | | | | | | | |
| *00 | GUJARAT | 105.10 | 07.44 | 0.045 | 0.500 | 00.00.40 | 0 | 40 | 25 | 240 | 200 |
| | UKAI SARADMATI/DHAROI\ | 105.16 | 87.11 | | | | 9 | | | 348 | 300 |
| | SABARMATI(DHAROI) KADANA | 189.59 127.7 | 181.79 115.80 | | | | 22 20 | 12 57 | | 95 200 | |
| | SHETRUNJI | 55.53 | 49.02 | | | | 12 | | | | 120 |
| | BHADAR | 107.89 | 100.67 | | | | 7 | | | | - |
| | DAMANAGANGA | 79.86 | 67.05 | | | | 13 | | | | 1 |
| | DANTIWADA | 184.1 | 164.09 | | | 30-05-16 | 2 | | | | |
| | PANAM | 127.41 | 117.65 | | | | 16 | | | | |
| | SARDAR SAROVAR | 121.92 | 120.05 | | | 02-06-16 | 78 | | | 2120 | 1450 |
| | KARJAN | 115.25 | 91.29 | | | | 13 | | | | 3 |
| 31 | TO II QUAL | 110.20 | 31.23 | 0.023 | 0.070 | 02-00-10 | 13 | 20 | 42 | 31 | 3 |

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

| | | WEEK ENDING :- 02.06.2016 | | | | | | | | | |
|----------|----------------------------|---------------------------|--------------------------------------|-------------------------------------|----------------------------------|----------|-----------------|-------------------------------------|-----------------------------|----------------------------|-------------------|
| | | | OUDDEST | 10.75 | | | STORAGE A | TORAGE AS % OF LIVE CAPACITY AT FRL | | 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 | | | | | | | I. | | | |
| 32 | JAYAKWADI(PAITHON) | 463.91 | 453.81 | 2.171 | 0.000 | 02-06-16 | 0 | 3 | 15 | 227 | - |
| *33 | KOYANA | 657.90 | 621.84 | 2.652 | 0.106 | 01-06-16 | 4 | 25 | 28 | - | 1920 |
| 34 | BHIMA(UJJANI) | 496.83 | 486.02 | 1.517 | 0.000 | 01-06-16 | 0 | 0 | 5 | 125 | 12 |
| 35 | ISAPUR | 441.00 | 426.28 | 0.965 | 0.022 | 01-06-16 | 2 | 15 | 25 | 104 | - |
| 36 | MULA | 552.30 | 535.97 | 0.609 | 0.036 | 01-06-16 | 6 | 7 | 8 | 139 | - |
| 37 | YELDARI | 461.77 | 446.77 | 0.809 | 0.000 | 01-06-16 | 0 | 5 | 11 | 78 | - |
| 38 | GIRNA | 398.07 | 379.40 | 0.524 | 0.000 | 01-06-16 | 0 | 8 | 13 | 79 | - |
| 39 | KHADAKVASLA | 582.47 | 579.85 | 0.056 | 0.024 | 01-06-16 | 43 | 73 | 29 | 78 | 8 |
| *40 | UPPER VAITARNA | 603.50 | 595.20 | 0.331 | 0.097 | 01-06-16 | 29 | 21 | 31 | - | 61 |
| 41 | UPPER TAPI | 214.00 | 206.98 | 0.255 | 0.000 | 01-06-16 | 0 | 60 | 21 | 45 | - |
| *42 | PENCH (TOTALADOH) | 490.00 | 470.49 | 1.091 | 0.106 | 01-06-16 | 10 | 18 | 22 | 127 | 160 |
| 43 | UPPER WARDHA | 342.50 | 335.74 | 0.564 | 0.119 | 02-06-16 | 21 | 30 | 32 | 70 | - |
| 44 | BHATSA | 142.07 | 110.53 | 0.942 | 0.299 | 01-06-16 | 32 | 30 | 33 | 29.378 | 15 |
| 45 | DHOM | 747.70 | 729.05 | 0.331 | 0.081 | 25-05-16 | 24 | 35 | 27 | 36.2 | 2 |
| 46 | DUDHGANGA | 646.00 | 605.22 | 0.664 | 0.000 | 01-06-16 | 0 | 25 | 23 | 2.441 | 24 |
| | MANIKDOH (KUKADI) | 711.25 | 682.08 | | 0.018 | 01-06-16 | 6 | 8 | 4 | 2.2 | 6 |
| 48 | BHANDARDARA CENTRAL DECION | 342.50 | 335.74 | 0.304 | 0.004 | 02-06-16 | 21 | 30 | 32 | 70 | - |
| _ | CENTRAL REGION | | | | | | | | | | |
| 40 | UTTAR PRADESH | 000.40 | 204.00 | 0.707 | 0.070 | 04.00.40 | 40 | | 00 | | 00 |
| | MATATILA | 308.46 | 301.26 | | 0.070 | 01-06-16 | 10 | | 29 | - | 30 |
| 50 | RIHAND UTTRAKHAND | 268.22 | 256.46 | 5.649 | 0.980 | 26-05-16 | 17 | 16 | 11 | - | 300 |
| *E4 | | 265.20 | 222.00 | 2.106 | 0.140 | 02.06.16 | 6 | 60 | 20 | 1007 | 100 |
| | RAMGANGA TEHRI | 365.30 | 322.99 742.70 | | 0.140 | 02-06-16 | 6 | | 28 4 | 1897 | 198 |
| 52 | MADHYA PRADESH | 830.00 | 142.10 | 2.615 | 0.042 | 30-05-16 | 2 | Э | 4 | 2351 | 1000 |
| *52 | GANDHI SAGAR | 399.90 | 392.24 | 6.827 | 2.753 | 25-05-16 | 40 | 40 | 17 | 220 | 115 |
| | TAWA | 355.40 | 392.24 | | 0.119 | 02-06-16 | 6 | | 21 | 247 | 115 |
| | BARGI | 422.76 | 412.20 | | | 02-06-16 | 30 | 19 | 14 | 157 | 90 |
| | BANSAGAR | 341.64 | 332.82 | | | 25-05-16 | 36 | | 22 | 488 | 425 |
| | INDIRA SAGAR | 262.13 | 247.66 | | | 02-06-16 | 13 | | 9 | 2380 | 1000 |
| | BARNA | 348.55 | 339.21 | | | 25-05-16 | 6 | 23 | 14 | 546 | - |
| | CHHATTIS GARH | | | | | | | | | | |
| *59 | MINIMATA BANGOI | 359.66 | 345.82 | 3.046 | 0.938 | 02-06-16 | 31 | 71 | 45 | _ | 120 |
| | MAHANADI | 348.70 | 340.78 | | | 24-05-16 | 25 | | 30 | 319 | |
| | SOUTHERN REGION | | | | | | | | | | |
| | A.P & TG | | | | | | | | | | |
| *61 | SRISAILAM | 269.75 | 236.38 | 8.288 | 0.433 | 02-06-16 | 5 | 30 | 13 | 0 | 770 |
| | NAGARJUNA SAGAR | 179.83 | 154.41 | | 0.000 | 02-06-16 | 0 | 3 | 25 | 895 | 810 |
| | ANDHRA PRADESH | | | | | | _ | | | | |
| 63 | SOMASILA | 100.58 | 88.84 | 1.994 | 0.608 | 02-06-16 | 30 | 15 | 31 | 168 | 0 |
| | TELANGANA | | | | | | | | | | |
| 64 | SRIRAMSAGAR | 332.54 | 319.03 | 2.300 | 0.132 | 02-06-16 | 6 | 14 | 9 | 411 | 27 |
| 65 | LOWER MANAIR | 280.42 | 267.34 | 0.621 | 0.070 | 02-06-16 | 11 | 20 | 25 | 199 | 60 |
| | | | | | | | | | | | |

WEEKLY REPORT OF 91 IMPORTANT RESERVOIRS OF INDIA

GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION

| | | | | WEE | K ENDING :- | 02.06.2016 | | | | | |
|----------|-------------------------|------------|--------------------------------------|-------------------------------------|----------------------------------|------------|-----------------|----------------------|-----------------------------|----------------------------|-------------------|
| | | | CHDDENT | 1075 | | | STORAGE A | S % OF LIVE C FRL | APACITY AT | BENE | 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 |
| <u> </u> | KARNATAKA | | | | | | | | | • | |
| 66 | KRISHNARAJA SAGRA | 752.50 | 738.00 | 1.163 | 0.148 | 01-06-16 | 13 | 12 | 10 | 79 | - |
| *67 | TUNGABHADRA | 497.74 | 478.62 | 3.276 | 0.034 | 02-06-16 | 1 | 49 | 9 | 529 | 72 |
| 68 | GHATAPRABHA | 662.95 | 631.60 | 1.391 | 0.033 | 01-06-16 | 2 | 5 | 3 | 317 | - |
| 69 | BHADRA | 657.76 | 635.49 | 1.785 | 0.117 | 01-06-16 | 7 | 26 | 23 | 106 | 39 |
| 70 | LINGANAMAKKI | 554.43 | 536.71 | 4.294 | 0.810 | 25-05-16 | 19 | 16 | 17 | - | 55 |
| 71 | NARAYANPUR | 492.25 | 484.15 | 0.863 | 0.063 | 02-06-16 | 7 | 22 | 35 | 425 | - |
| 72 | MALAPRABHA(RENUKA) | 633.83 | 619.96 | 0.972 | 0.014 | 01-06-16 | 1 | 7 | 6 | 215 | - |
| 73 | KABINI(Sancherla Tank) | 696.16 | 683.58 | 0.444 | 0.000 | 01-06-16 | 0 | 39 | 9 | 85 | - |
| 74 | HEMAVATHY | 890.63 | 872.66 | 0.927 | 0.092 | 01-06-16 | 10 | 16 | 8 | 265 | - |
| 75 | HARANGI | 871.42 | 852.26 | 0.220 | 0.018 | 01-06-16 | 8 | 14 | 17 | 53 | - |
| 76 | SUPA | 564.00 | 525.90 | 4.120 | 0.866 | 29-05-16 | 21 | 35 | 24 | - | - |
| 77 | VANIVILAS SAGAR | 652.28 | 634.57 | 0.802 | 0.050 | 02-06-16 | 6 | 6 | 13 | 123 | - |
| *78 | ALMATTI | 519.60 | 515.32 | 3.105 | 0.350 | 02-06-16 | 11 | 6 | 8 | @ | 290 |
| *79 | GERUSOPPA | 55.00 | 51.23 | 0.130 | 0.108 | 02-06-16 | 83 | 81 | 84 | 83 | 240 |
| | KERALA | | | | | | | | | | |
| 80 | KALLADA(PARAPPAR) | 115.82 | 100.88 | 0.507 | 0.202 | 02-06-16 | 40 | 24 | 21 | 62 | - |
| *81 | IDAMALAYAR | 169.00 | 131.64 | 1.018 | 0.171 | 02-06-16 | 17 | 20 | 17 | 33 | 75 |
| *82 | IDUKKI | 732.43 | 705.60 | 1.460 | 0.287 | 02-06-16 | 20 | 33 | 18 | - | 780 |
| *83 | KAKKI | 981.46 | 952.99 | 0.447 | 0.129 | 02-06-16 | 29 | 22 | 22 | 23 | 300 |
| *84 | PERIYAR | 867.41 | 859.28 | 0.173 | 0.014 | 02-06-16 | 8 | 15 | 33 | 84 | 140 |
| 85 | MALAPMUZHA | 867.41 | 859.28 | 0.224 | 0.015 | 02-06-16 | 8 | 15 | 33 | 84 | 140 |
| | TAMIL NADU | | | | | | | | | | |
| 86 | LOWER BHAWANI | 278.89 | 259.71 | 0.792 | 0.057 | 02-06-16 | 7 | 30 | 36 | 105 | 8 |
| *87 | METTUR(STANLEY) | 240.79 | 218.13 | 2.647 | 0.430 | 02-06-16 | 16 | 37 | 45 | 122 | 360 |
| 88 | VAIGAI | 279.20 | 267.11 | 0.172 | 0.012 | 02-06-16 | 7 | 24 | 26 | 61 | 6 |
| 89 | PARAMBIKULAM | 556.26 | 536.92 | 0.380 | 0.033 | 02-06-16 | 9 | 16 | 31 | 101 | - |
| 90 | ALIYAR | 320.04 | 309.89 | 0.095 | 0.036 | 02-06-16 | 38 | 81 | 47 | # | 60 |
| *91 | SHOLAYAR | 1002.79 | 959.42 | 0.143 | 0.000 | 02-06-16 | 0 | 11 | 8 | | 95 |
| | TOTAL FOR 91 RESERVOIRS | | | 157.799 | 26.222 | | | | | | |

Sd/-

20

\$ TOTAL CCA 342 TH. HA OF DVC SYSTEM

PERCENTAGE

Director W. M., CWC

TOTAL CCA 101 TH. HA OF PARAMBIKULAM & ALIYAR

 $@^{\scriptscriptstyle \mathsf{I}}$ TOTAL CCA 425 TH. HA. OF NARAYANPUR AND ALMATTI

 \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

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