

**STATUS OF H. E. POTENTIAL DEVELOPMENT -BASINWISE**  
(In terms of Installed Capacity above 25 MW)

As on 29.02.2020

| BASIN                        | Identified capacity as per assessment study |                     | Capacity Under Operation |              | Capacity under construction |             | Capacity under operation + under construction |              | Capacity yet to be taken up under Construction |              |
|------------------------------|---------------------------------------------|---------------------|--------------------------|--------------|-----------------------------|-------------|-----------------------------------------------|--------------|------------------------------------------------|--------------|
|                              | Total<br>(MW)                               | Above 25 MW<br>(MW) | (MW)                     | ( % )        | (MW)                        | ( % )       | (MW)                                          | ( % )        | (MW)                                           | ( % )        |
| <b>INDUS</b>                 | 33832                                       | 33028               | 14294.3                  | 43.28        | 4735.5                      | 14.34       | 19029.8                                       | 57.62        | 13998.2                                        | 42.38        |
| <b>GANGA</b>                 | 20711                                       | 20252               | 5317.2                   | 26.26        | 1645.0                      | 8.12        | 6962.2                                        | 34.38        | 13289.6                                        | 65.62        |
| <b>CENTRAL INDIAN RIVERS</b> | 4152                                        | 3868                | 3147.5                   | 81.37        | 400.0                       | 10.34       | 3547.5                                        | 91.71        | 320.5                                          | 8.29         |
| <b>WEST FLOWING RIVERS</b>   | 9430                                        | 8997                | 5631.7                   | 62.60        | 100.0                       | 1.11        | 5731.7                                        | 63.71        | 3265.3                                         | 36.29        |
| <b>EAST FLOWING RIVERS</b>   | 14511                                       | 13775               | 8249.0                   | 59.88        | 960.0                       | 6.97        | 9209.0                                        | 66.85        | 4566.1                                         | 33.15        |
| <b>BRAHMAPUTRA</b>           | 66065                                       | 65400               | 4274.0                   | 6.54         | 3553.0                      | 5.43        | 7827.0                                        | 11.97        | 57573.0                                        | 88.03        |
| <b>ALL INDIA</b>             | <b>148701</b>                               | <b>145320</b>       | <b>40913.6</b>           | <b>28.15</b> | <b>11393.5</b>              | <b>7.84</b> | <b>52307.1</b>                                | <b>35.99</b> | <b>93012.9</b>                                 | <b>64.01</b> |

Note:- 1. Does not include pumped storage Projects

2. In some states the total of the capacity developed and balance capacity is different from the potential assessed . This is due to change in capacity of the Projects, addition/ deletion of the Projects and merger of two Projects into one etc.

3. In addition to above 9 PSS ( 4785.6 MW) are under operation, 3 PSS (1580 MW) are under construction and 1 PSS (1000 MW) is Concurred by CEA , 8 PSS (7380MW) are under S&I and 1 PSS of I.C. 660 MW is under Heldup list.

# STATUS OF HYDRO ELECTRIC POTENTIAL UNDER DEVELOPMENT- BASIN WISE

( In terms of Installed capacity - Above 25 MW)

As on 29.02.2020

| Basin                 | H.E. Projects concurred by CEA and yet to be taken up for construction |        | H.E. Projects under Examination in CEA |       | H.E. Projects returned to project authorities |        | H.E. Projects under Survey and Investigation |       | H.E. Projects allotted for dev on which S&I is held up/ yet to be taken up |        | H.E. Projects stuck due to Inter-state issues |        | H.E. Projects dropped due to Basin studies/ Other reasons |        | Capacity yet to be allotted by the State for development* |        |
|-----------------------|------------------------------------------------------------------------|--------|----------------------------------------|-------|-----------------------------------------------|--------|----------------------------------------------|-------|----------------------------------------------------------------------------|--------|-----------------------------------------------|--------|-----------------------------------------------------------|--------|-----------------------------------------------------------|--------|
|                       | (MW)                                                                   | %      | (MW)                                   | %     | (MW)                                          | %      | (MW)                                         | %     | (MW)                                                                       | %      | (MW)                                          | (%)    | (MW)                                                      | (%)    | (MW)                                                      | (%)    |
| INDUS                 | 3875                                                                   | 11.73% | 963                                    | 2.92% | 1746                                          | 5.29%  | 1032                                         | 3.12% | 2000                                                                       | 6.06%  | 50                                            | 0.15%  | 1719                                                      | 5.20%  | 5428                                                      | 16.43% |
| GANGA                 | 1067                                                                   | 5.27%  | 450                                    | 2.22% | 619                                           | 3.06%  | 320                                          | 1.58% | 2402.00                                                                    | 11.86% | 230                                           | 1.14%  | 2112                                                      | 10.43% | 3894                                                      | 19.23% |
| CENTRAL INDIAN RIVERS | 0                                                                      | 0.00%  | 0                                      | 0.00% | 0                                             | 0.00%  | 128                                          | 3.31% | 0                                                                          | 0.00%  | 320                                           | 8.27%  | 710                                                       | 18.36% | 1031                                                      | 26.65% |
| WEST FLOWING RIVERS   | 163                                                                    | 1.81%  | 0                                      | 0.00% | 320                                           | 3.56%  | 0                                            | 0.00% | 0                                                                          | 0.00%  | 455                                           | 5.06%  | 200                                                       | 2.22%  | 3436                                                      | 38.19% |
| EAST FLOWING RIVERS   | 0                                                                      | 0.00%  | 0                                      | 0.00% | 665                                           | 4.83%  | 0                                            | 0.00% | 0                                                                          | 0.00%  | 2130                                          | 15.46% | 60                                                        | 0.44%  | 5182                                                      | 37.62% |
| BRAHMAPUTRA           | 19740                                                                  | 30.18% | 85                                     | 0.13% | 6673                                          | 10.20% | 3375                                         | 5.16% | 8200                                                                       | 12.54% | 0                                             | 0.00%  | 6054                                                      | 9.26%  | 22764                                                     | 34.81% |
| ALL INDIA             | 24845                                                                  | 17.10% | 1498                                   | 1.03% | 10023                                         | 6.90%  | 4855                                         | 3.34% | 12602                                                                      | 8.67%  | 3185                                          | 2.19%  | 10855                                                     | 7.47%  | 41735                                                     | 28.72% |

Note:- 1. Does not include pumped storage Projects

2. In some states the total of the capacity developed and balance capacity is different from the potential assessed . This is due to change in capacity of the Projects, addition/ deletion of the Projects and merger of two Projects into one etc.

3. In addition to above 9 PSS ( 4785.6 MW) are under operation, 3 PSS (1580 MW) are under construction and 1 PSS (1000 MW) is Concurred by CEA , 8 PSS (7380MW) are under S&I and 1 PSS of I.C. 660 MW is under Heldup list.

\* The numbers and capacity yet to be taken up for development is different from arithmetic calculation from the potential accessed due to change in capacity of the Projects, addition/deletion of the Projects and merger of two Projects into one etc.