

## STATUS OF LARGE HYDRO ELECTRIC POTENTIAL DEVELOPMENT - BASINWISE

(In terms of Installed Capacity above 25 MW)

As on 30.04.2021

| BASIN                        | Identified capacity as per Reassessment study | Capacity In Operation |              | Capacity Under Active Construction |             | Capacity on which Construction is held Up |             | Capacity yet to be taken up under Construction |              |
|------------------------------|-----------------------------------------------|-----------------------|--------------|------------------------------------|-------------|-------------------------------------------|-------------|------------------------------------------------|--------------|
|                              | Above 25 MW<br>(MW)                           | (MW)                  | ( % )        | (MW)                               | ( % )       | (MW)                                      | ( % )       | (MW)                                           | ( % )        |
|                              |                                               |                       |              |                                    |             |                                           |             |                                                |              |
| <b>INDUS</b>                 | 33028                                         | 14294.3               | 43.28        | 4047.5                             | 12.25       | 898.0                                     | 2.72        | 13788.2                                        | 41.75        |
|                              |                                               |                       |              |                                    |             |                                           |             |                                                |              |
| <b>GANGA</b>                 | 20252                                         | 5527.2                | 27.29        | 624.0                              | 3.08        | 811.0                                     | 4.00        | 13289.9                                        | 65.62        |
|                              |                                               |                       |              |                                    |             |                                           |             |                                                |              |
| <b>CENTRAL INDIAN RIVERS</b> | 3868                                          | 3147.5                | 81.37        | 0.0                                | 0.00        | 400.0                                     | 10.34       | 320.5                                          | 8.29         |
|                              |                                               |                       |              |                                    |             |                                           |             |                                                |              |
| <b>WEST FLOWING RIVERS</b>   | 8997                                          | 5631.7                | 62.60        | 100.0                              | 1.11        | 0.0                                       | 0.00        | 3265.3                                         | 36.29        |
|                              |                                               |                       |              |                                    |             |                                           |             |                                                |              |
| <b>EAST FLOWING RIVERS</b>   | 13775                                         | 8249.0                | 59.88        | 960.0                              | 6.97        | 0.0                                       | 0.00        | 4566.1                                         | 33.15        |
|                              |                                               |                       |              |                                    |             |                                           |             |                                                |              |
| <b>BRAHMAPUTRA</b>           | 65400                                         | 4574.0                | 6.99         | 2733.0                             | 4.18        | 537.0                                     | 0.82        | 57556.0                                        | 88.01        |
|                              |                                               |                       |              |                                    |             |                                           |             |                                                |              |
| <b>ALL INDIA</b>             | <b>145320</b>                                 | <b>41423.6</b>        | <b>28.51</b> | <b>8464.5</b>                      | <b>5.82</b> | <b>2646.0</b>                             | <b>1.82</b> | <b>92785.9</b>                                 | <b>63.85</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, 2 PSS (1500 MW) are under active construction, 1 PSS (80 MW) on which construction is held up and 1 PSS (1000 MW) is Concurred by CEA , 1 PSS (1200 MW) is under examination in CEA, 8 PSS (7530 MW) are under S&I and 1 PSS of I.C. 660 MW is under Held up and 9 PSS (7400 MW) are under PFR Preparation list.

## STATUS OF LARGE HYDRO ELECTRIC POTENTIAL UNDER DEVELOPMENT- BASIN WISE

( In terms of Installed capacity - Above 25 MW)

As on 30.04.2021

| 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/ Other 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                 | 3921                                                                   | 11.87 | 1081                                   | 3.27 | 867                                           | 2.63 | 2317                                         | 7.02 | 2060                                                                       | 6.24  | 176                                                         | 0.53  | 1719                                                      | 5.20  | 4905                                                      | 14.85 |
| GANGA                 | 815                                                                    | 4.02  | 300                                    | 1.48 | 489                                           | 2.41 | 644                                          | 3.18 | 2402.00                                                                    | 11.86 | 380                                                         | 1.88  | 2112                                                      | 10.43 | 3894                                                      | 19.23 |
| CENTRAL INDIAN RIVERS | 0                                                                      | 0.00  | 0                                      | 0.00 | 0                                             | 0.00 | 0                                            | 0.00 | 128.00                                                                     | 3.31  | 320                                                         | 8.27  | 710                                                       | 18.36 | 1031                                                      | 26.65 |
| WEST FLOWING RIVERS   | 0                                                                      | 0.00  | 0                                      | 0.00 | 320                                           | 3.56 | 0                                            | 0.00 | 0                                                                          | 0.00  | 455                                                         | 5.06  | 363                                                       | 4.03  | 3436                                                      | 38.19 |
| EAST FLOWING RIVERS   | 0                                                                      | 0.00  | 0                                      | 0.00 | 665                                           | 4.83 | 0                                            | 0.00 | 0.00                                                                       | 0.00  | 2130                                                        | 15.46 | 60                                                        | 0.44  | 5182                                                      | 37.62 |
| BRAHMAPUTRA           | 17140                                                                  | 26.21 | 85                                     | 0.13 | 6463                                          | 9.88 | 480                                          | 0.73 | 11081                                                                      | 16.94 | 2600                                                        | 3.98  | 6264                                                      | 9.58  | 22764                                                     | 34.81 |
| ALL INDIA             | 21876                                                                  | 15.05 | 1466                                   | 1.01 | 8804                                          | 6.06 | 3441                                         | 2.37 | 15671                                                                      | 10.78 | 6061                                                        | 4.17  | 11228                                                     | 7.73  | 41212                                                     | 28.36 |

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, 2 PSS (1500 MW) are under active construction, 1 PSS (80 MW) on which construction is held up and 1 PSS (1000 MW) is Concurred by CEA , 1 PSS (1200 MW) is under examination in CEA, 8 PSS (7530 MW) are under S&I and 1 PSS of I.C. 660 MW is under Held up and 9 PSS (7400 MW) are under PFR Preparation list.

\* The 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.