

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

As on 31.12.2017

| 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 (MW)                                  | Above 25 MW (MW) | (MW)                     | ( % )        | (MW)                        | ( % )       | (MW)                                          | ( % )        | (MW)                                           | ( % )        |
| <b>INDUS</b>                 | 33832                                       | 33028            | 13910.3                  | 42.12        | 3201.5                      | 9.69        | 17111.8                                       | 51.81        | 15916.2                                        | 48.19        |
| <b>GANGA</b>                 | 20711                                       | 20252            | 5317.2                   | 26.26        | 1585.0                      | 7.83        | 6902.2                                        | 34.08        | 13349.6                                        | 65.92        |
| <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             | 5681.7                   | 63.15        | 100.0                       | 1.11        | 5781.7                                        | 64.26        | 3215.3                                         | 35.74        |
| <b>EAST FLOWING RIVERS</b>   | 14511                                       | 13775            | 8232.2                   | 59.76        | 990.0                       | 7.19        | 9222.2                                        | 66.95        | 4552.9                                         | 33.05        |
| <b>BRAHMAPUTRA BASIN</b>     | 66065                                       | 65400            | 3889.0                   | 5.95         | 4107.0                      | 6.28        | 7996.0                                        | 12.23        | 57404.0                                        | 87.77        |
| <b>ALL INDIA</b>             | <b>148701</b>                               | <b>145320</b>    | <b>40177.8</b>           | <b>27.65</b> | <b>10383.5</b>              | <b>7.15</b> | <b>50561.3</b>                                | <b>34.79</b> | <b>94758.7</b>                                 | <b>65.21</b> |

Note:- 1. Does not include pumped storage schemes

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 schemes, addition/ deletion of the schemes and merger of two schemes into one etc.

3.In addition to above 9 PSS ( 4785.6 MW) are under operation, 2 PSS (1080 MW) are under construction, DPR of 1 PSS (500 MW) returned to project developer and 1 PSS (1000 MW) is Concurred by CEA.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 31.12.2017

| Basin                 | H.E. Schemes concurred by CEA and yet to be taken up for construction |        | H.E. Schemes under Examination in CEA |       | H.E. Schemes returned to project authorities |       | H.E. Schemes under Survey and Investigation |       | H.E. Schemes allotted for dev on which S&I is held up/ yet to be taken up |        | H.E. Schemes allotted by states for development |        | Capacity yet to be allotted for development |        |
|-----------------------|-----------------------------------------------------------------------|--------|---------------------------------------|-------|----------------------------------------------|-------|---------------------------------------------|-------|---------------------------------------------------------------------------|--------|-------------------------------------------------|--------|---------------------------------------------|--------|
|                       | (MW)                                                                  | %      | (MW)                                  | %     | (MW)                                         | %     | (MW)                                        | %     | (MW)                                                                      | %      | (MW)                                            | (%)    | (MW)                                        | (%)    |
| INDUS                 | 6645                                                                  | 20.12% | 1030                                  | 3.12% | 788                                          | 2.39% | 1249                                        | 3.78% | 1683                                                                      | 5.10%  | 11395                                           | 34.50% | 4521.2                                      | 13.69% |
| GANGA                 | 1328                                                                  | 6.56%  | 538                                   | 2.66% | 862                                          | 4.26% | 663                                         | 3.27% | 2537.00                                                                   | 12.53% | 5928                                            | 29.27% | 7421.6                                      | 36.65% |
| CENTRAL INDIAN RIVERS | 0                                                                     | 0.00%  | 0                                     | 0.00% | 0                                            | 0.00% | 0                                           | 0.00% | 0                                                                         | 0.00%  | 0                                               | 0.00%  | 320.5                                       | 8.29%  |
| WEST FLOWING RIVERS   | 163                                                                   | 1.81%  | 0                                     | 0.00% | 0                                            | 0.00% | 0                                           | 0.00% | 0                                                                         | 0.00%  | 163                                             | 1.81%  | 3052.3                                      | 33.93% |
| EAST FLOWING RIVERS   | 0                                                                     | 0.00%  | 0                                     | 0.00% | 985                                          | 7.15% | 0                                           | 0.00% | 0                                                                         | 0.00%  | 985                                             | 7.15%  | 3567.85                                     | 25.90% |
| BRAHMAPUTRA           | 17434                                                                 | 26.66% | 2871                                  | 4.39% | 5069                                         | 7.75% | 3947                                        | 6.04% | 10255                                                                     | 15.68% | 39576                                           | 60.51% | 17828                                       | 27.26% |
| ALL INDIA             | 25570                                                                 | 17.60% | 4439                                  | 3.05% | 7704                                         | 5.30% | 5859                                        | 4.03% | 14475                                                                     | 9.96%  | 58047                                           | 39.94% | 36711.7                                     | 25.26% |

Note:- 1. Does not include pumped storage schemes

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 schemes, addition/ deletion of the schemes and merger of two schemes into one etc.

3. In addition to above 9 PSS ( 4785.6 MW) are under operation, 2 PSS (1080 MW) are under construction, DPR of 1 PSS (500 MW) returned to project developer and 1 PSS (1000 MW) is Concurred by CEA

4. Luhri H.E. Project (588 MW) is treated as returned since the same was withdrawn by the Developer due to conceiving the scheme in three stages instead of single stage. Luhri st-I is Under Examination and S&I of Luhri st-II is yet to be takenup/Heldup and Luhri st-III is allotted to HPPCL as Jaisi Dam HEP. Shirwata PSS of I.C. 660 MW is under Heldup list.