

# STATUS OF HYDRO ELECTRIC POTENTIAL DEVELOPMENT

(Excluding PSS)

( In terms of Installed capacity - Above 25 MW)

As on 31.05.2016

| Region/ State        | Identified Capacity as per reassessment study |                     | Capacity In Operation |              | Capacity Under Construction |             | Capacity in Operation + Under Construction |              | Capacity yet to be taken up under construction |              |
|----------------------|-----------------------------------------------|---------------------|-----------------------|--------------|-----------------------------|-------------|--------------------------------------------|--------------|------------------------------------------------|--------------|
|                      | Total<br>(MW)                                 | Above 25 MW<br>(MW) | (MW)                  | %            | (MW)                        | (%)         | (MW)                                       | (%)          | (MW)                                           | %            |
| <b>NORTHERN</b>      |                                               |                     |                       |              |                             |             |                                            |              |                                                |              |
| Jammu & Kashmir      | 14146                                         | 13543               | 3119.0                | 23.03        | 1180.0                      | 8.71        | 4299.0                                     | 31.74        | 9244.0                                         | 68.26        |
| Himachal Pradesh     | 18820                                         | 18540               | 9308.0                | 50.20        | 2216.0                      | 11.95       | 11524.0                                    | 62.16        | 7016.0                                         | 37.84        |
| Punjab               | 971                                           | 971                 | 1206.3                | 100          | 206.0                       | 21.22       | 1412.3                                     | 100.00       | 0.0                                            | 0.00         |
| Haryana#             | 64                                            | 64                  | 0.0                   | 0            | 0.0                         | 0.00        | 0.0                                        | 0.00         | 0.0                                            | 0.00         |
| Rajasthan##          | 496                                           | 483                 | 411.0                 | 85.09        | 0.0                         | 0.00        | 411.0                                      | 100.00       | 0.0                                            | 0.00         |
| Uttarakhand          | 18175                                         | 17998               | 3756.4                | 20.87        | 1430.0                      | 7.95        | 5186.4                                     | 28.82        | 12811.7                                        | 71.18        |
| Uttar Pradesh*       | 723                                           | 664                 | 501.6                 | 75.54        | 0.0                         | 0.00        | 501.6                                      | 75.54        | 39.0                                           | 5.87         |
| Sub Total (NR)       | 53395                                         | 52263               | 18302.3               | 35.02        | 5032.0                      | 9.63        | 23334.3                                    | 44.65        | 28928.8                                        | 55.35        |
| <b>WESTERN</b>       |                                               |                     |                       |              |                             |             |                                            |              |                                                |              |
| Madhya Pradesh.      | 2243                                          | 1970                | 2395.0                | 100          | 400.0                       | 20.30       | 2795.0                                     | 100.00       | 0.0                                            | 0.00         |
| Chhattisgarh         | 2242                                          | 2202                | 120.0                 | 5.45         | 0.0                         | 0.00        | 120.0                                      | 5.45         | 2082.0                                         | 94.55        |
| Gujarat###           | 619                                           | 590                 | 550.0                 | 100          | 0.0                         | 0.00        | 550.0                                      | 100.00       | 0.0                                            | 0.00         |
| Maharashtra          | 3769                                          | 3314                | 2487.0                | 75.05        | 0.0                         | 0.00        | 2487.0                                     | 75.05        | 827.0                                          | 24.95        |
| Goa                  | 55                                            | 55                  | 0.0                   | 0.00         | 0.0                         | 0.00        | 0.0                                        | 0.00         | 55.0                                           | 100.00       |
| Sub total (WR)       | 8928                                          | 8131                | 5552.0                | 68.28        | 400.0                       | 4.92        | 5952.0                                     | 73.20        | 2179.0                                         | 26.80        |
| <b>SOUTHERN</b>      |                                               |                     |                       |              |                             |             |                                            |              |                                                |              |
| Andhra Pradesh       | 2366                                          | 2341                | 1746.8                | 74.62        | 1010.0                      | 43.14       | 2756.8                                     | 117.76       | 0.0                                            | 0.00         |
| Telangana            | 2058                                          | 2019                | 591.0                 | 29.27        | 200.0                       | 9.91        | 791.0                                      | 39.18        | 1228.0                                         | 60.82        |
| Karnataka            | 6602                                          | 6459                | 3585.4                | 55.51        | 0.0                         | 0.00        | 3585.4                                     | 55.51        | 2873.6                                         | 44.49        |
| Kerala               | 3514                                          | 3378                | 1881.5                | 55.70        | 100.0                       | 2.96        | 1981.5                                     | 58.66        | 1396.5                                         | 41.34        |
| Tamilnadu            | 1918                                          | 1693                | 1782.2                | 100          | 0.0                         | 0.00        | 1782.2                                     | 100.00       | 0.0                                            | 0.00         |
| Sub Total (SR)       | 16458                                         | 15890               | 9586.9                | 60.33        | 1310.0                      | 8.24        | 10896.9                                    | 68.58        | 4993.2                                         | 31.42        |
| <b>EASTERN</b>       |                                               |                     |                       |              |                             |             |                                            |              |                                                |              |
| Jharkhand            | 753                                           | 582                 | 170.0                 | 29.21        | 0.0                         | 0.00        | 170.0                                      | 29.21        | 412.0                                          | 70.79        |
| Bihar####            | 70                                            | 40                  | 0.0                   | 0.00         | 0.0                         | 0.00        | 0.0                                        | 0.00         | 0.0                                            | 0.00         |
| Odisha               | 2999                                          | 2981                | 2027.5                | 68.01        | 0.0                         | 0.00        | 2027.5                                     | 68.01        | 953.5                                          | 31.99        |
| West Bengal          | 2841                                          | 2829                | 352.2                 | 12.45        | 200.0                       | 7.07        | 552.2                                      | 19.52        | 2276.8                                         | 80.48        |
| Sikkim               | 4286                                          | 4248                | 765.0                 | 18.01        | 2526.0                      | 59.46       | 3291.0                                     | 77.47        | 957.0                                          | 22.53        |
| Sub Total (ER)       | 10949                                         | 10680               | 3314.7                | 31.04        | 2726.0                      | 25.52       | 6040.7                                     | 56.56        | 4639.3                                         | 43.44        |
| <b>NORTH EASTERN</b> |                                               |                     |                       |              |                             |             |                                            |              |                                                |              |
| Meghalaya            | 2394                                          | 2298                | 282.0                 | 12.27        | 40.0                        | 1.74        | 322.0                                      | 14.01        | 1976.0                                         | 85.99        |
| Tripura              | 15                                            | 0                   | 0.0                   | 0.00         | 0.0                         | 0.00        | 0.0                                        | 0.00         | 0.0                                            | 0.00         |
| Manipur              | 1784                                          | 1761                | 105.0                 | 5.96         | 0.0                         | 0.00        | 105.0                                      | 5.96         | 1656.0                                         | 94.04        |
| Assam                | 680                                           | 650                 | 375.0                 | 57.69        | 0.0                         | 0.00        | 375.0                                      | 57.69        | 275.0                                          | 42.31        |
| Nagaland             | 1574                                          | 1452                | 75.0                  | 5.17         | 0.0                         | 0.00        | 75.0                                       | 5.17         | 1377.0                                         | 94.83        |
| Arunachal Pd         | 50328                                         | 50064               | 405.0                 | 0.81         | 2854.0                      | 5.70        | 3259.0                                     | 6.51         | 46805.0                                        | 93.49        |
| Mizoram              | 2196                                          | 2131                | 0.0                   | 0.00         | 60.0                        | 2.82        | 60.0                                       | 2.82         | 2071.0                                         | 97.18        |
| Sub Total (NER)      | 58971                                         | 58356               | 1242.0                | 2.13         | 2954.0                      | 5.06        | 4196.0                                     | 7.19         | 54160.0                                        | 92.81        |
| <b>ALL INDIA</b>     | <b>148701</b>                                 | <b>145320</b>       | <b>37997.8</b>        | <b>26.15</b> | <b>12422.0</b>              | <b>8.55</b> | <b>50419.8</b>                             | <b>34.70</b> | <b>94900.2</b>                                 | <b>65.30</b> |

Note:-

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