

Location wise regional summary of all India installed capacity (IN MW) of power stations as on 31/12/2023

| Region | Ownership/Sector | Modewise breakup | | | | | | | | Grand Total |
|-------------------------------|------------------|------------------|---------|----------|--------|-----------|-----------|-----------|---------|-------------|
| | | Thermal | | | | | Renewable | | | |
| | | Coal | Lignite | Gas | Diesel | Total | Hydro | RES | Nuclear | |
| Northern | | | | | | | | | | |
| 1 | STATE SECTOR | 17665.00 | 250.00 | 2878.90 | 0.00 | 20793.90 | 5223.75 | 737.20 | 0.00 | 26754.85 |
| 2 | PVT SECTOR | 13670.00 | 1080.00 | 772.00 | 0.00 | 15522.00 | 2938.00 | 34244.82 | 0.00 | 52704.82 |
| 3 | CENTRAL SECTOR | 12950.00 | 250.00 | 2344.06 | 0.00 | 15544.06 | 11594.52 | 379.00 | 1620.00 | 29137.58 |
| Total of Northern | | 44285.00 | 1580.00 | 5994.96 | 0.00 | 51859.96 | 19756.27 | 35361.02 | 1620.00 | 108597.25 |
| Western | | | | | | | | | | |
| 4 | STATE SECTOR | 22290.00 | 900.00 | 2849.82 | 0.00 | 26039.82 | 5391.00 | 602.23 | 0.00 | 32033.05 |
| 5 | PVT SECTOR | 42496.00 | 500.00 | 4676.00 | 0.00 | 47672.00 | 481.00 | 41752.66 | 0.00 | 89905.66 |
| 6 | CENTRAL SECTOR | 19600.00 | 0.00 | 3280.67 | 0.00 | 22880.67 | 1520.00 | 666.30 | 2540.00 | 27606.97 |
| Total of Western | | 84386.00 | 1400.00 | 10806.49 | 0.00 | 96592.49 | 7392.00 | 43021.19 | 2540.00 | 149545.68 |
| Eastern | | | | | | | | | | |
| 7 | STATE SECTOR | 6970.00 | 0.00 | 80.00 | 57.52 | 7107.52 | 4470.55 | 283.36 | 0.00 | 11861.43 |
| 8 | PVT SECTOR | 7067.00 | 0.00 | 0.00 | 35.19 | 7102.19 | 512.00 | 1640.58 | 0.00 | 9254.77 |
| 9 | CENTRAL SECTOR | 22960.00 | 0.00 | 0.00 | 0.00 | 22960.00 | 1005.20 | 15.10 | 0.00 | 23980.30 |
| Total of Eastern | | 36997.00 | 0.00 | 80.00 | 92.71 | 37169.71 | 5987.75 | 1939.04 | 0.00 | 45096.50 |
| Southern | | | | | | | | | | |
| 10 | STATE SECTOR | 21192.50 | 0.00 | 791.98 | 186.79 | 22171.27 | 11747.15 | 627.08 | 0.00 | 34545.50 |
| 11 | PVT SECTOR | 9865.00 | 250.00 | 5340.24 | 273.70 | 15728.95 | 0.00 | 51821.40 | 0.00 | 67550.35 |
| 12 | CENTRAL SECTOR | 10300.00 | 3390.00 | 359.58 | 0.00 | 14049.58 | 0.00 | 541.90 | 3320.00 | 17911.48 |
| Total of Southern | | 41357.50 | 3640.00 | 6491.80 | 460.49 | 51949.80 | 11747.15 | 52990.38 | 3320.00 | 120007.33 |
| North Eastern | | | | | | | | | | |
| 13 | STATE SECTOR | 0.00 | 0.00 | 411.35 | 36.00 | 447.35 | 422.00 | 268.75 | 0.00 | 1138.10 |
| 14 | PVT SECTOR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 275.80 | 0.00 | 275.80 |
| 15 | CENTRAL SECTOR | 750.00 | 0.00 | 1253.60 | 0.00 | 2003.60 | 1605.00 | 30.00 | 0.00 | 3638.60 |
| Total of North Eastern | | 750.00 | 0.00 | 1664.95 | 36.00 | 2450.95 | 2027.00 | 574.55 | 0.00 | 5052.50 |
| ALL INDIA | | | | | | | | | | |
| 16 | STATE SECTOR | 68117.50 | 1150.00 | 7012.05 | 280.31 | 76559.86 | 27254.45 | 2518.61 | 0.00 | 106332.93 |
| 17 | PVT SECTOR | 73098.00 | 1830.00 | 10788.24 | 308.89 | 86025.14 | 3931.00 | 129735.26 | 0.00 | 219691.40 |
| 18 | CENTRAL SECTOR | 66560.00 | 3640.00 | 7237.91 | 0.00 | 77437.91 | 15724.72 | 1632.30 | 7480.00 | 102274.93 |
| Total of ALL INDIA | | 207775.50 | 6620.00 | 25038.21 | 589.20 | 240022.91 | 46910.17 | 133886.18 | 7480.00 | 428299.26 |

Break up of RES all India as on 31/12/2023 is given below (in MW):

| Small Hydro Power | Wind Power | Bio-Power | | Solar Power | Total Capacity |
|-------------------|------------|-----------------|-----------------|-------------|----------------|
| | | BM Power/Congen | Waste to Energy | | |
| 4986.75 | 44736.25 | 10261.81 | 582.89 | 73318.49 | 133886.18 |