**Additional file 3. Main types of industries in the districts that fell into the 3rd and 4th quartiles of industrial power usage**

|  |  |  |
| --- | --- | --- |
| 3rd quartile |  | 4th quartile |
| Type of industry | Industrial power usage (Mwh) | % | cumulative % |  | Type of industry | Industrial power usage (Mwh) | % | cumulative % |
| Manufacture of electronic video and audio equipment | 3332.60  | 16.73  | 16.73  |  | Simple services | 3796.66  | 35.62  | 35.62  |
| Simple services | 3217.49  | 16.16  | 32.89  |  | for home | 2163.08  | 20.29  | 55.91  |
| Manufacture of basic metals | 3082.17  | 15.48  | 48.37  |  | Manufacture of chemical products | 815.60  | 7.65  | 63.56  |
| Manufacture of chemical products | 2012.48  | 10.11  | 58.47  |  | Manufacture of basic metals | 391.79  | 3.68  | 67.23  |
| For home  | 1909.11  | 9.59  | 68.06  |  | Manufacture of refined petroleum products | 355.41  | 3.33  | 70.57  |
| Manufacture of motor vehicles | 901.68  | 4.53  | 72.59  |  | Manufacture of electronic video and audio equipment | 296.49  | 2.78  | 73.35  |
| Manufacture of refined petroleum products | 618.51  | 3.11  | 75.70  |  | Public health centers | 271.62  | 2.55  | 75.90  |
| other machinery | 427.58  | 2.15  | 77.84  |  | other public purposes | 263.97  | 2.48  | 78.37  |
| Manufacture of textiles, except apparel | 386.60  | 1.94  | 79.78  |  | public office | 243.42  | 2.28  | 80.66  |
| Manufacture of pulp, paper and paper products | 386.60  | 1.94  | 81.73  |  | other machinery | 219.18  | 2.06  | 82.71  |