**Additional file 4. Mean amount of power sold by type of industries**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 3rd quartile | 4th quartile |  |
| Type of industry | Mean(Mwh) | SD | Mean(Mwh) | SD | p-value\* |
| Manufacture of electronic video and audio equipment | 60.59  | 149.03  | 5.29  | 16.67  | 0.01  |
| Simple services | 56.45  | 40.01  | 65.46  | 48.76  | 0.28  |
| Manufacture of basic metals | 55.04  | 157.15  | 7.12  | 19.73  | 0.03  |
| Manufacture of chemical products | 35.94  | 128.12  | 14.06  | 81.50  | 0.28  |
| For home  | 33.49  | 22.53  | 37.29  | 21.61  | 0.36  |
| Manufacture of motor vehicles | 15.82  | 26.94  | 3.76  | 8.25  | 0.00  |
| Manufacture of refined petroleum products | 15.86  | 57.84  | 17.77  | 73.56  | 0.91  |
| other machinery | 7.50  | 15.35  | 3.78  | 7.68  | 0.10  |
| Manufacture of textiles, except apparel | 7.03  | 19.64  | 3.67  | 12.21  | 0.28  |
| Manufacture of pulp, paper and paper products | 6.90  | 15.96  | 2.11  | 8.26  | 0.05  |
| Public health centers | 3.32  | 8.34  | 4.68  | 26.21  | 0.71  |
| other public purposes | 5.10  | 5.80  | 4.55  | 4.21  | 0.56  |
| public office | 4.70  | 4.45  | 4.20  | 4.72  | 0.56  |

*\*T-test was conducted to compare amount of sold electricity in 3rd and 4th quartile groups.*