Comparative study

Column 1: arrival time

Column 2: departure time

Column 3: initial soc

Column 4: desired soc

Column 5: minima soc

Column 6: maxima soc

Battery capacity: 44kWh

Maximum charging power: 7kW

Time slot: 5minutes

Desired results

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Number | 10 | 20 | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 |
| Transformer(kW) | 50 | 100 | 250 | 400 | 800 | 1000 | 1200 | 1400 | 1700 | 1900 | 2000 | 2000 |
| Time |  |  |  |  |  |  |  |  |  |  |  |  |
| Cost |  |  |  |  |  |  |  |  |  |  |  |  |