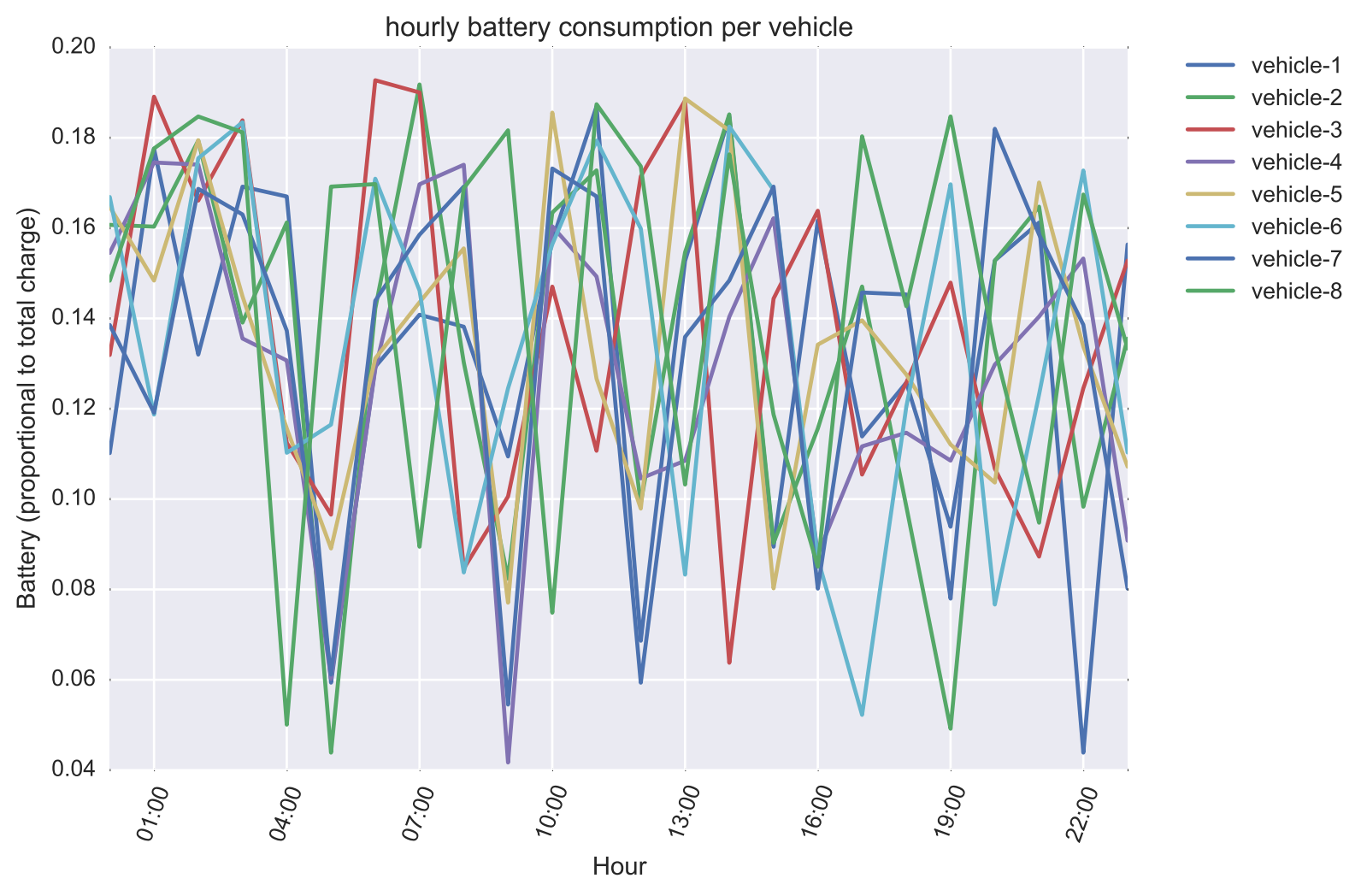
	Objective value
Total battery cost	25.924
Total waiting time [min]	2722.0
Total journey time [min]	21690.0
Average waiting time [min]	5.0
Max waiting time [min]	57.0
Min waiting time [min]	0.0
Stability waiting time (max-min) [min]	57.0
Average journey time [min]	46.0
Average occupancy	2.872
Average load factor	0.29
Max load factor	0.4
Min load factor	0.15
Stability load factor	0.25
Percentage of completed bookings	0.807
Average battery level end of simulation	0.616
Minimum battery level end of simulation	0.418
Maximum battery level end of simulation	0.749

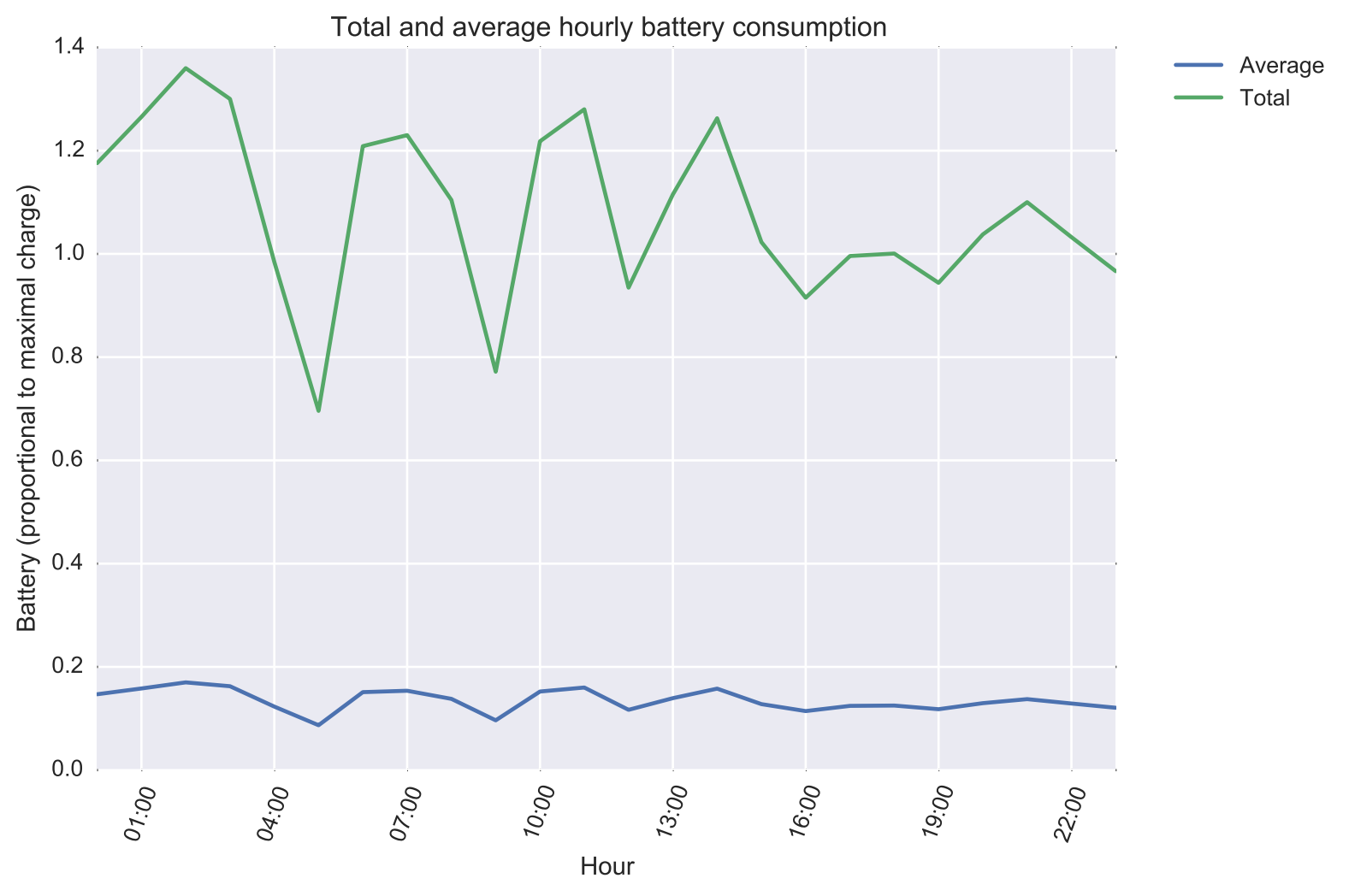
Load Factor per vehicle (passenger battery/(vehicle battery*max capacity)

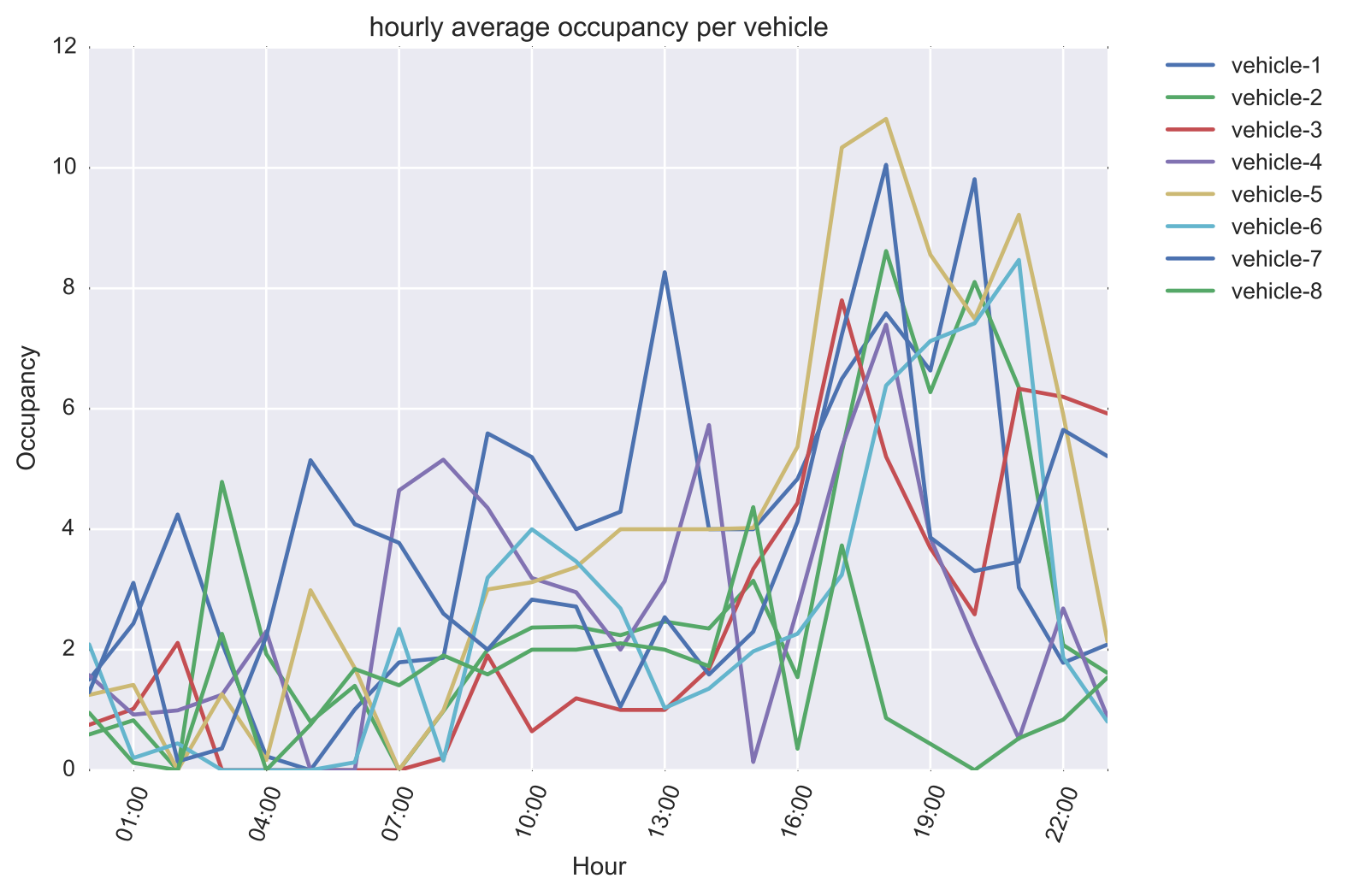
Vehicle ID	Load Factor
vehicle-1	0.4
vehicle-2	0.269
vehicle-3	0.231
vehicle-4	0.275
vehicle-5	0.399
vehicle-6	0.265
vehicle-7	0.332
vehicle-8	0.15
Average	0.29

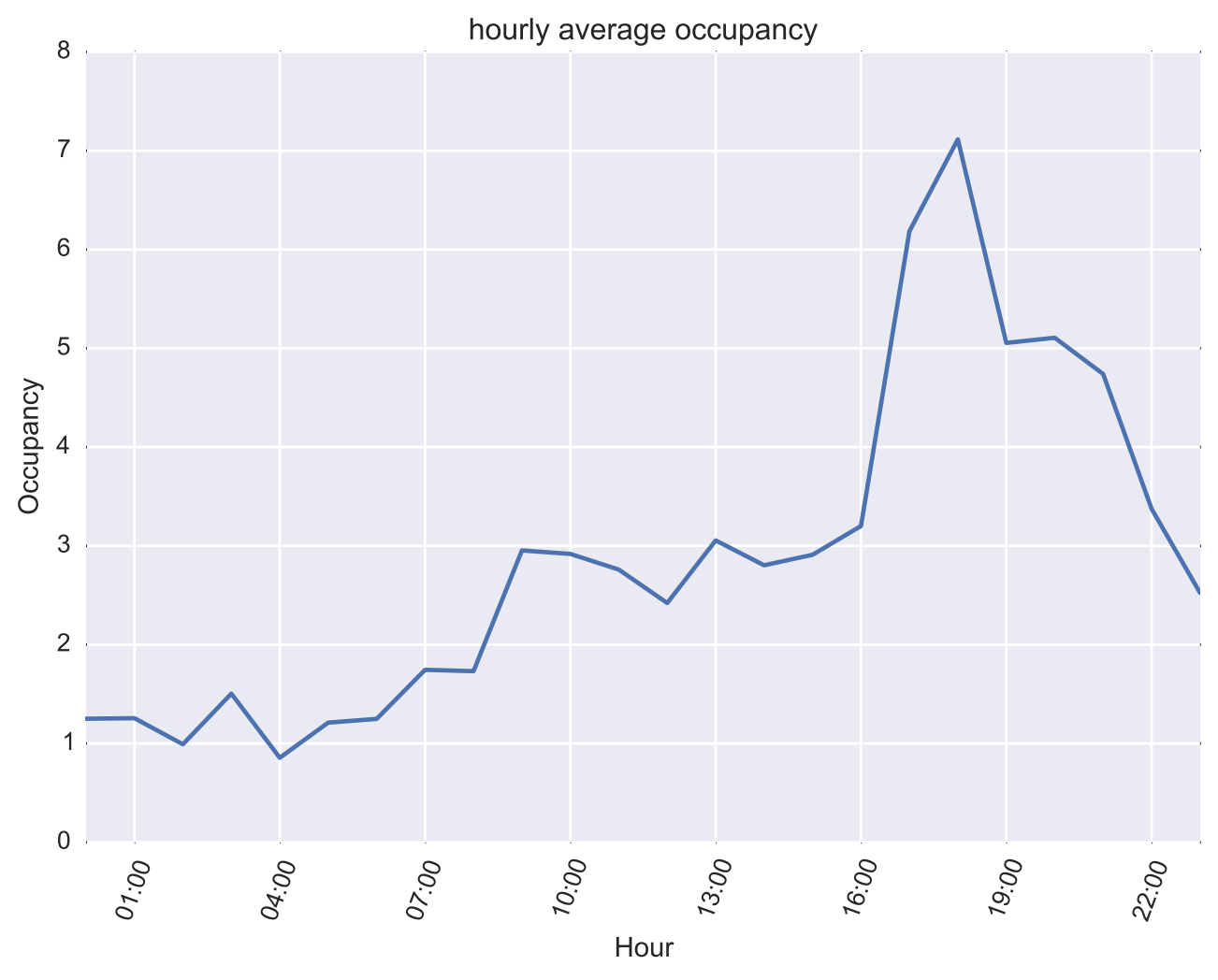
Vehicle Battery Consumption

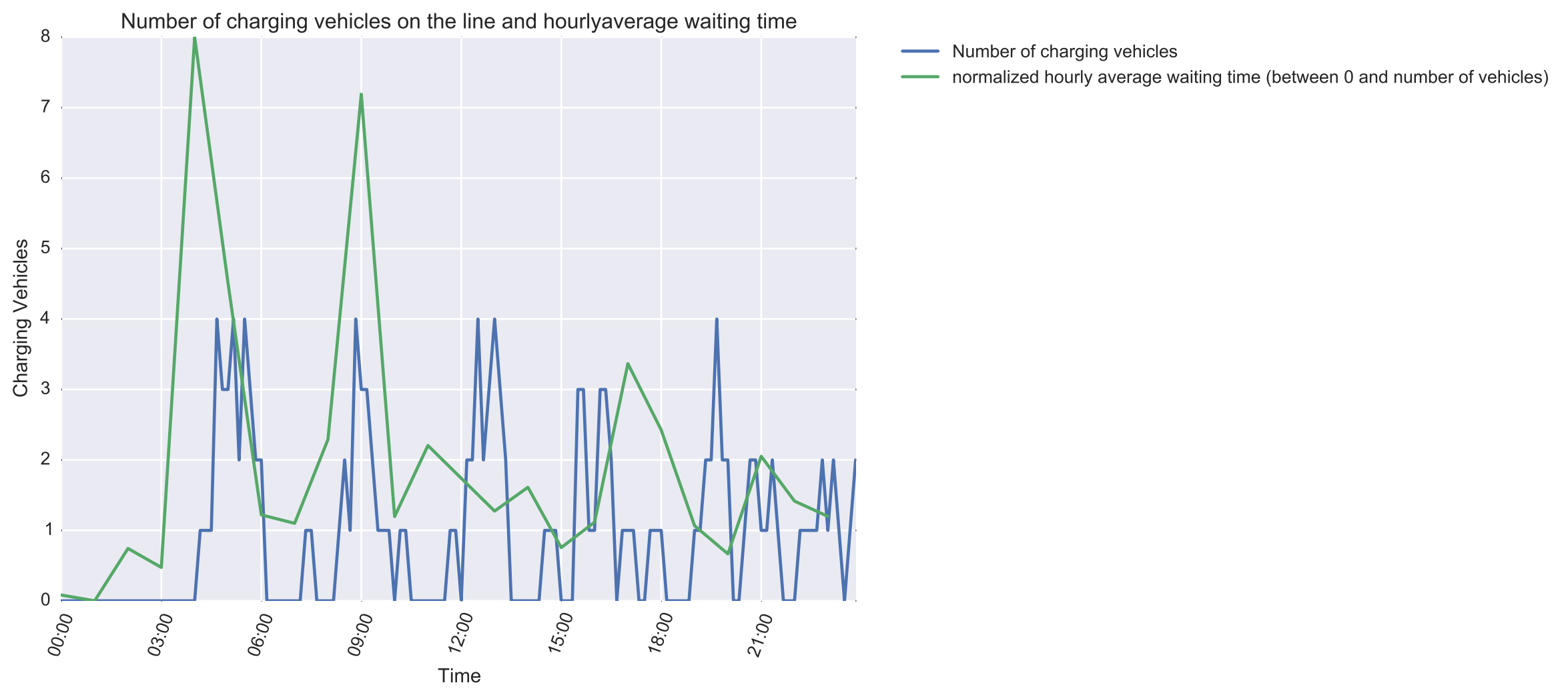
Vehicle ID	Battery
vehicle-1	3.182
vehicle-2	3.218
vehicle-3	3.288
vehicle-4	3.106
vehicle-5	3.238
vehicle-6	3.239
vehicle-7	3.176
vehicle-8	3.477
Total	25.924


hourly battery consumption per vehicle
Battery (proportional to total charge)
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
01:00
04:00
07:00
10:00
13:00
16:00
19:00
22:00
Hour
vehicle-1
vehicle-2
vehicle-3
vehicle-4
vehicle-5
vehicle-6
vehicle-7
vehicle-8


Total and average hourly battery consumption
Average
Total
Battery (proportional to maximal charge)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
01:00
04:00
07:00
10:00
13:00
16:00
19:00
22:00
Hour


hourly average occupancy per vehicle
Occupancy
Hour
0
2
4
6
8
10
12
01:00
04:00
07:00
10:00
13:00
16:00
19:00
22:00
vehicle-1
vehicle-2
vehicle-3
vehicle-4
vehicle-5
vehicle-6
vehicle-7
vehicle-8


hourly average occupancy
Occupancy
0
1
2
3
4
5
6
7
8
01:00
04:00
07:00
10:00
13:00
16:00
19:00
22:00
Hour


Number of charging vehicles on the line and hourlyaverage waiting time
Number of charging vehicles
normalized hourly average waiting time (between 0 and number of vehicles)
Charging Vehicles
0
1
2
3
4
5
6
7
8
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
Time