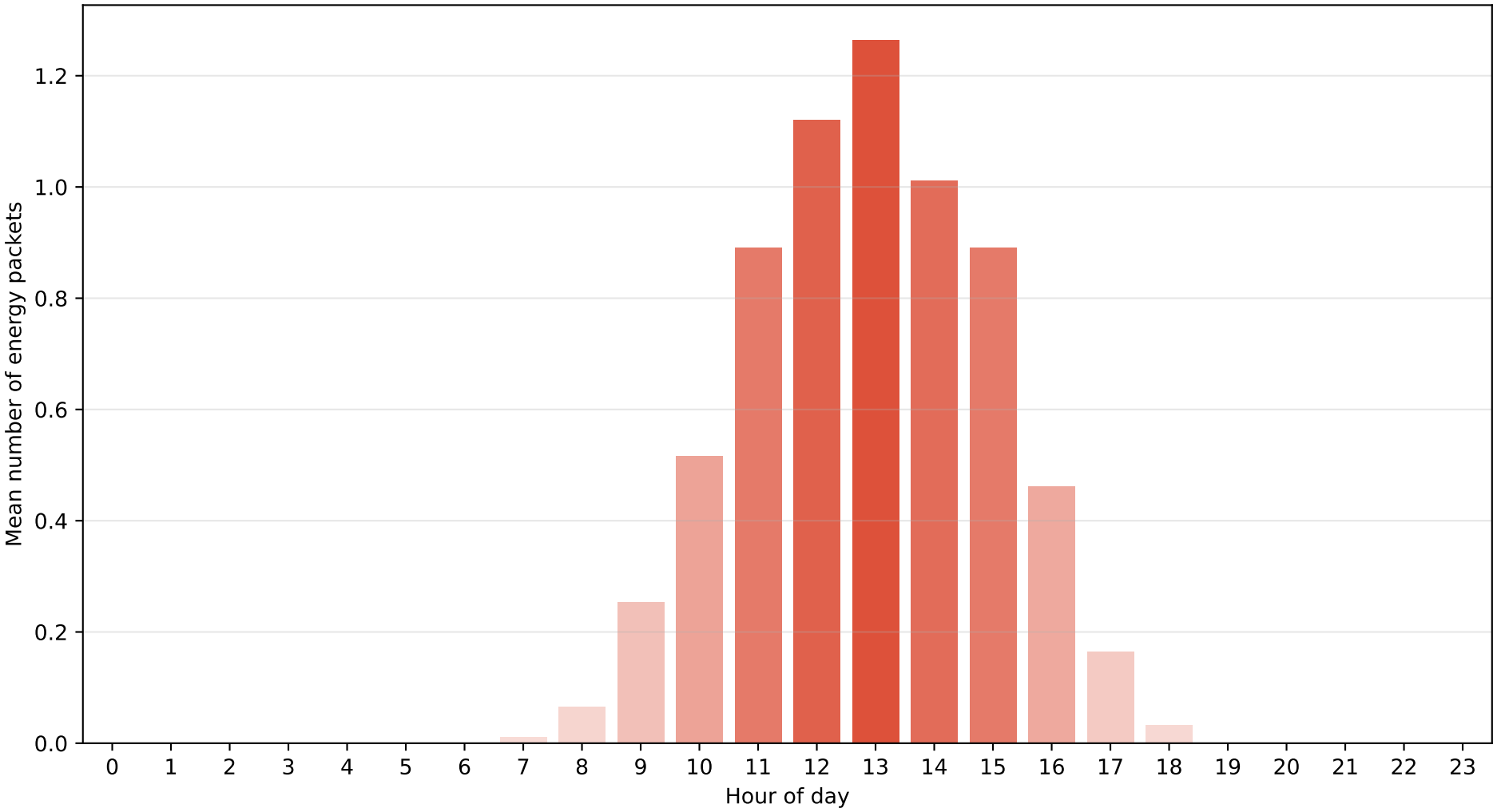
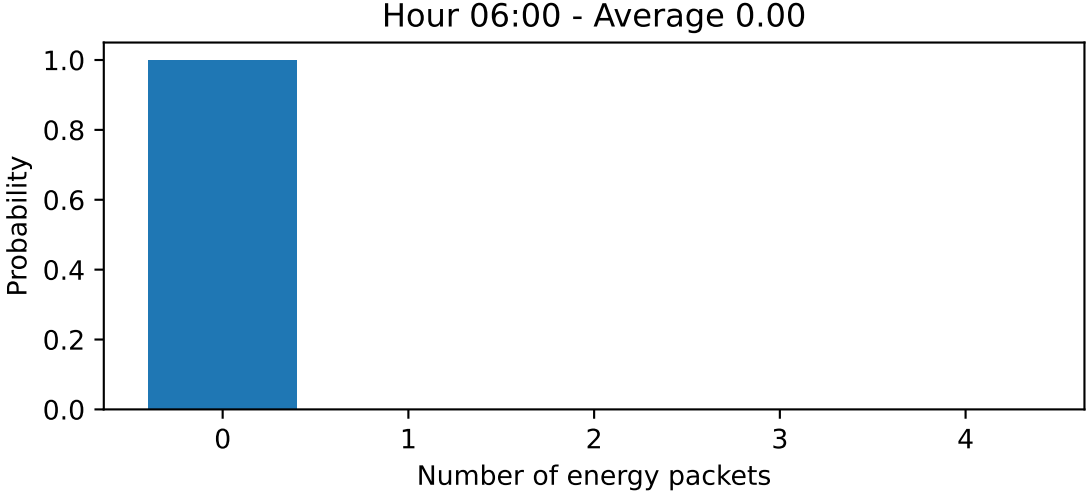
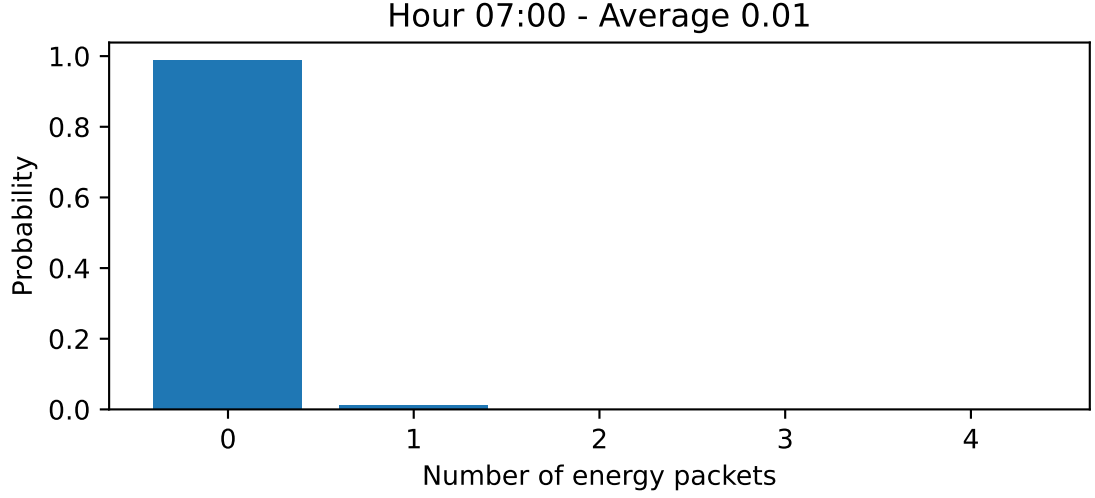
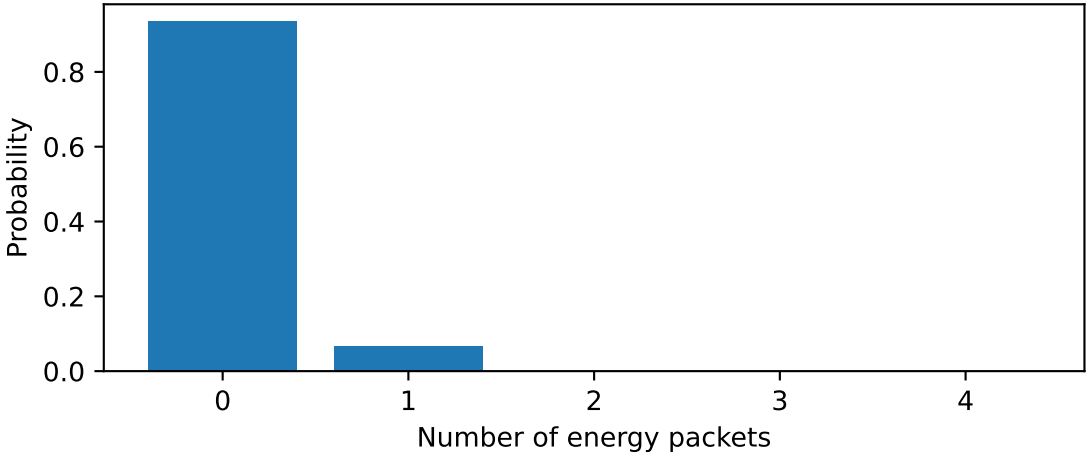
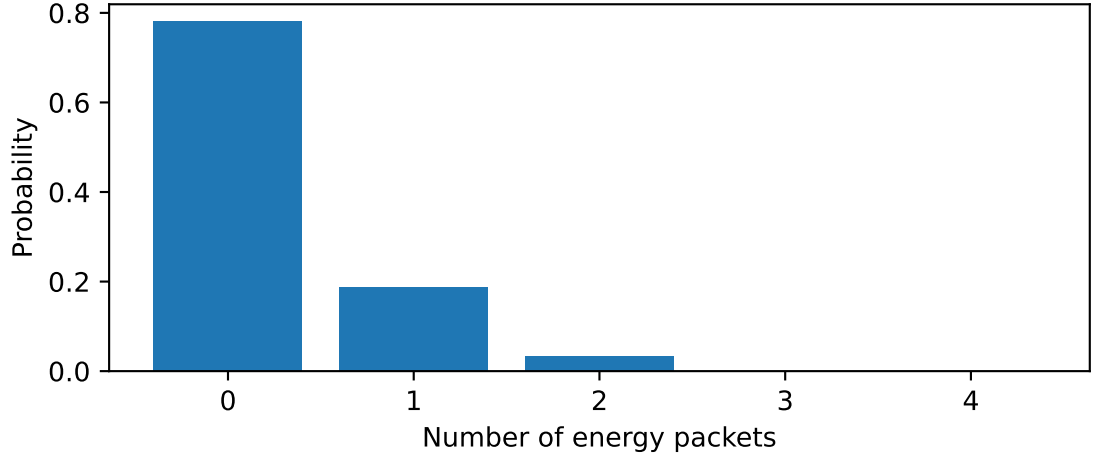
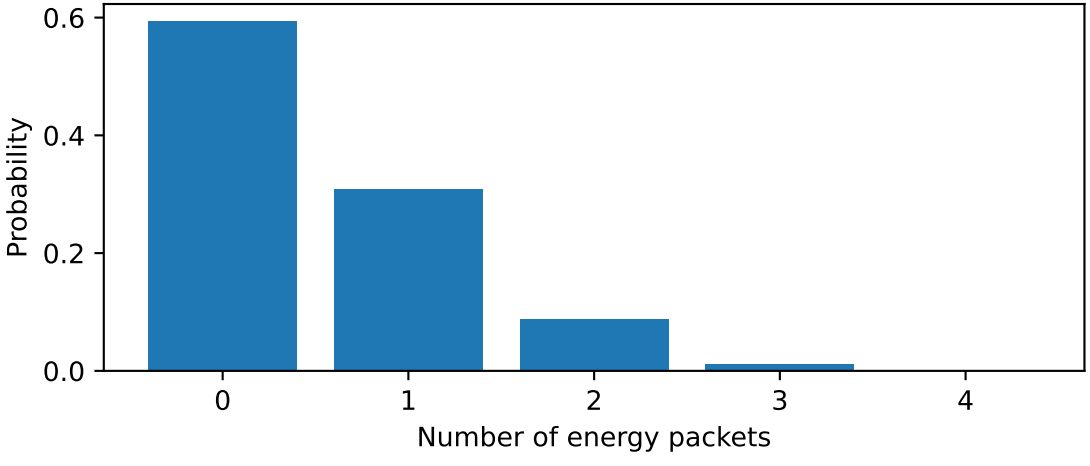

Barcelona – Regime M0 (Very cloudy)
Average energy packets per hour (packet = 800 Wh)
Mean number of energy packets
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Hour of day

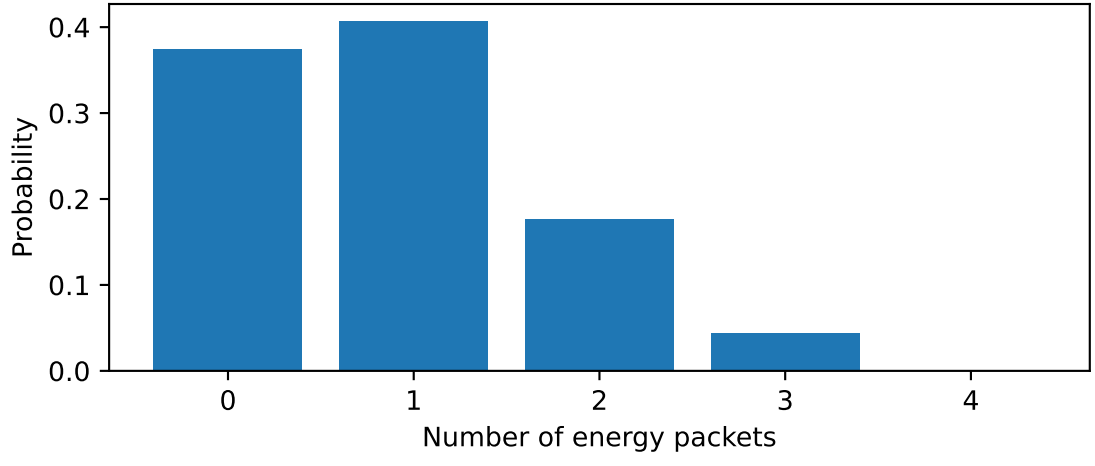

Hour 06:00 - Average 0.00
Probability
Number of energy packets

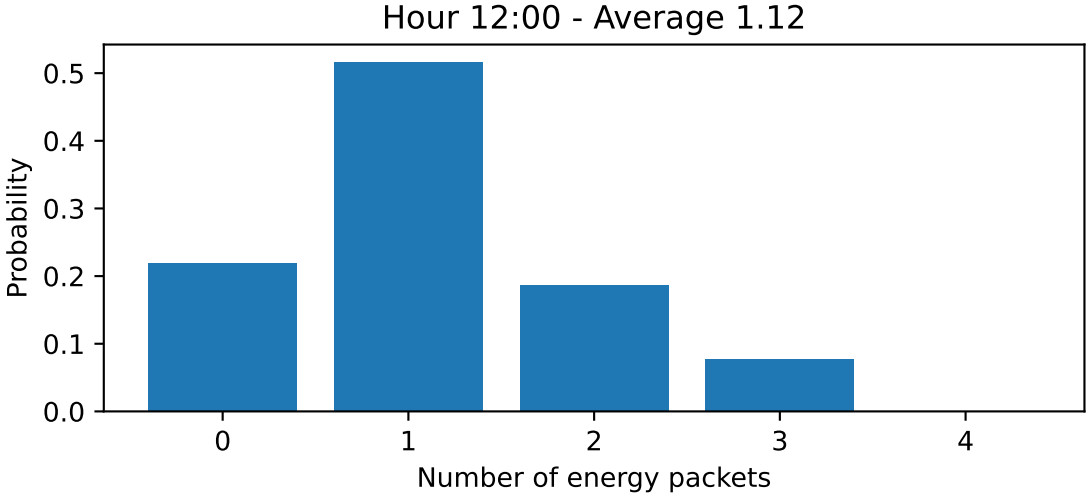

Hour 07:00 - Average 0.01
Probability
Number of energy packets

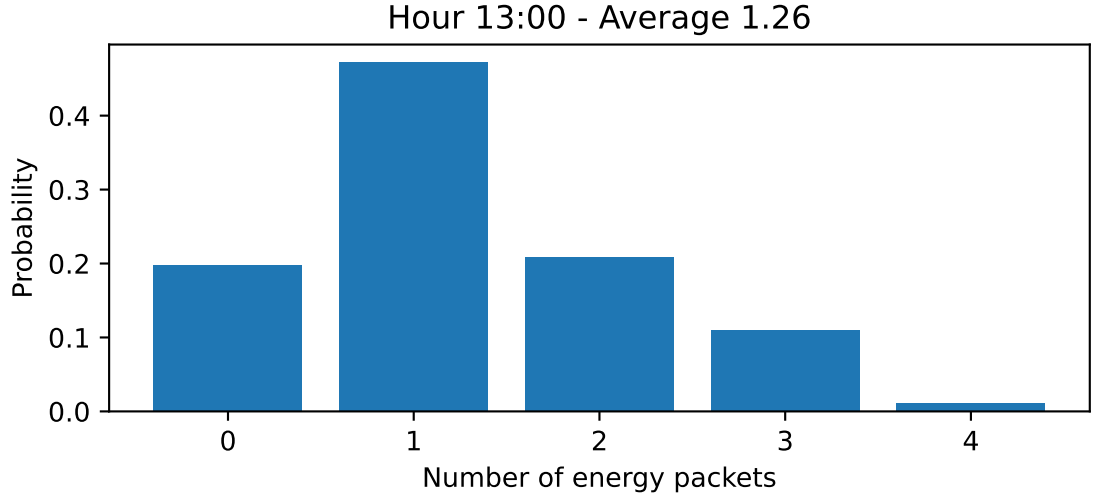

Hour 08:00 - Average 0.07
Probability
Number of energy packets

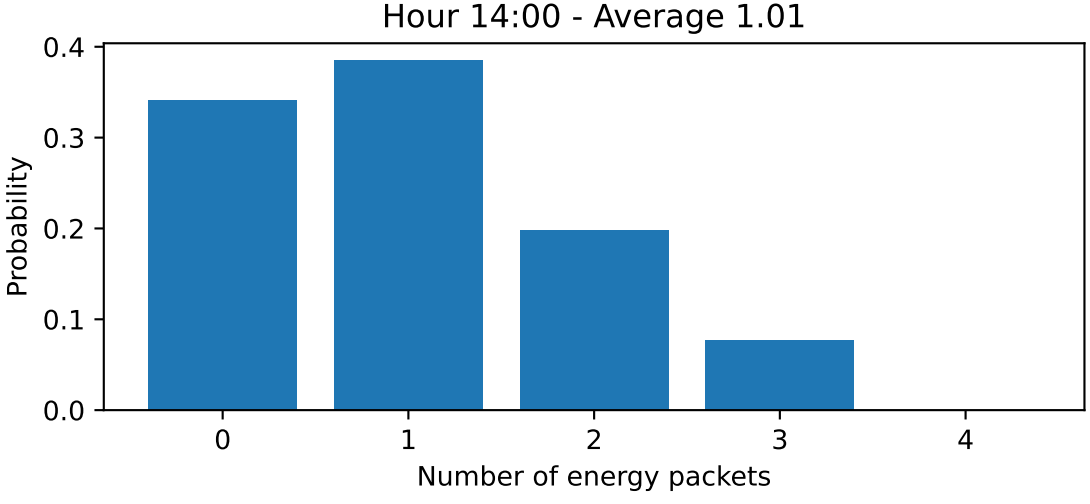

Hour 09:00 - Average 0.25
Probability
Number of energy packets

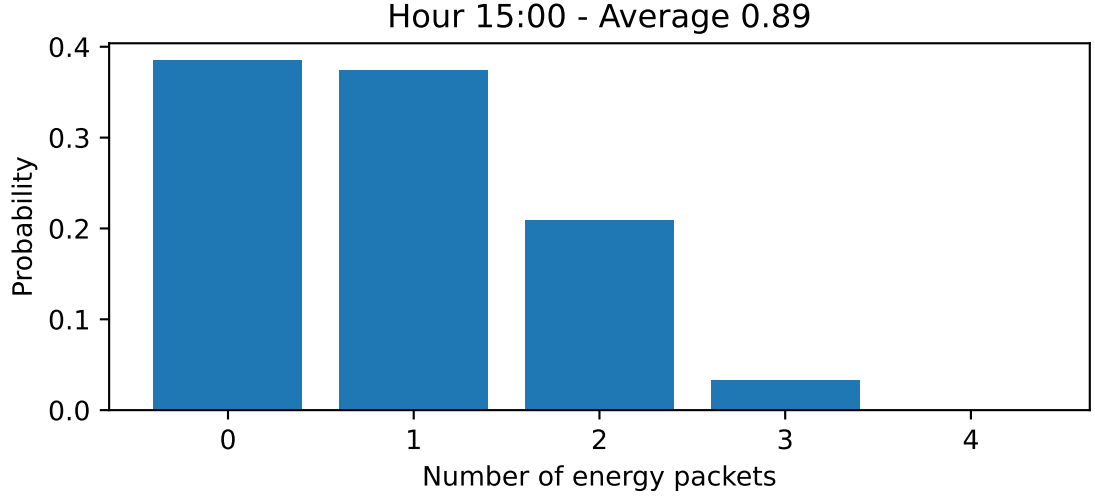

Hour 10:00 - Average 0.52
Probability
Number of energy packets

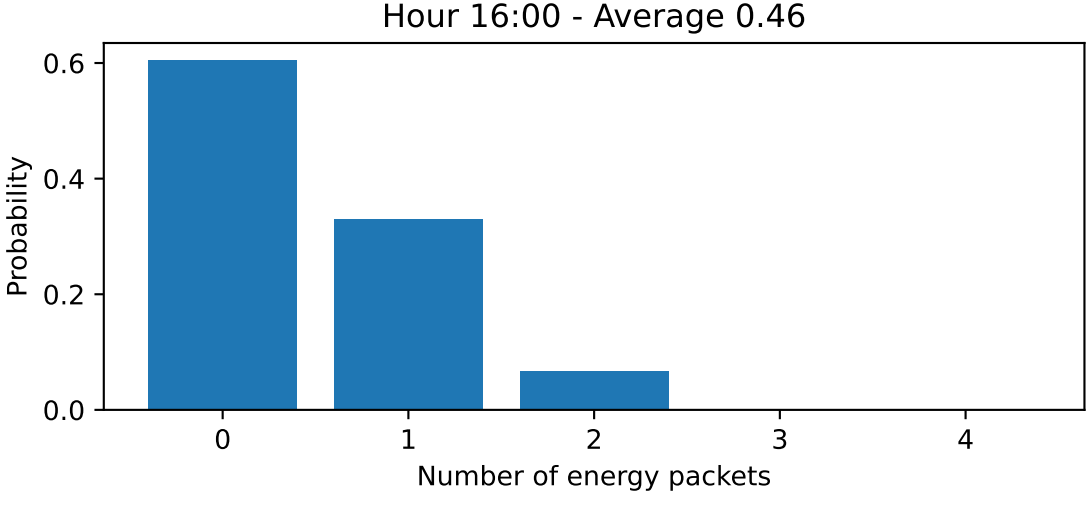

Hour 11:00 - Average 0.89
Probability
Number of energy packets

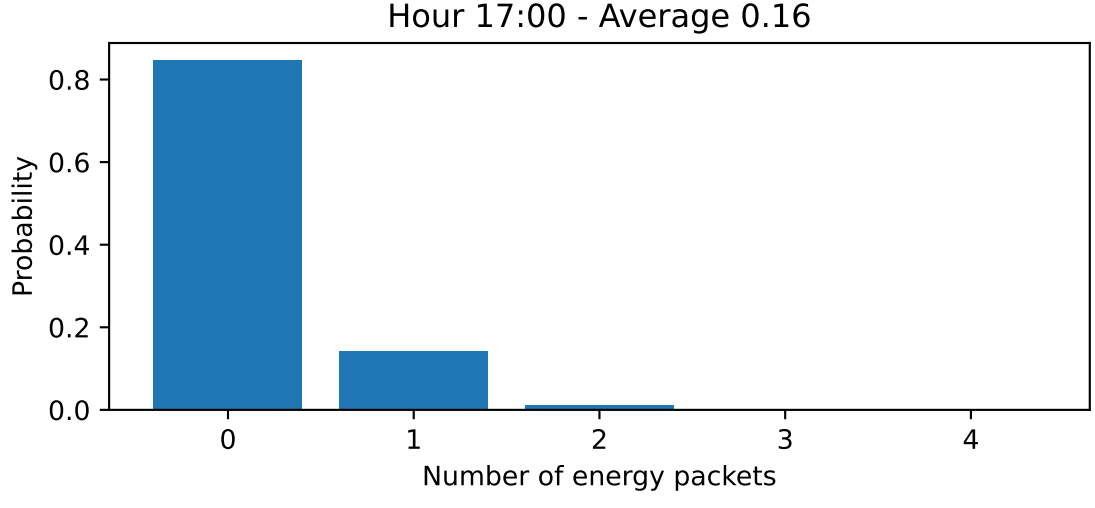

Hour 12:00 - Average 1.12
Probability
0.0
0.1
0.2
0.3
0.4
0.5
0
1
2
3
4
Number of energy packets

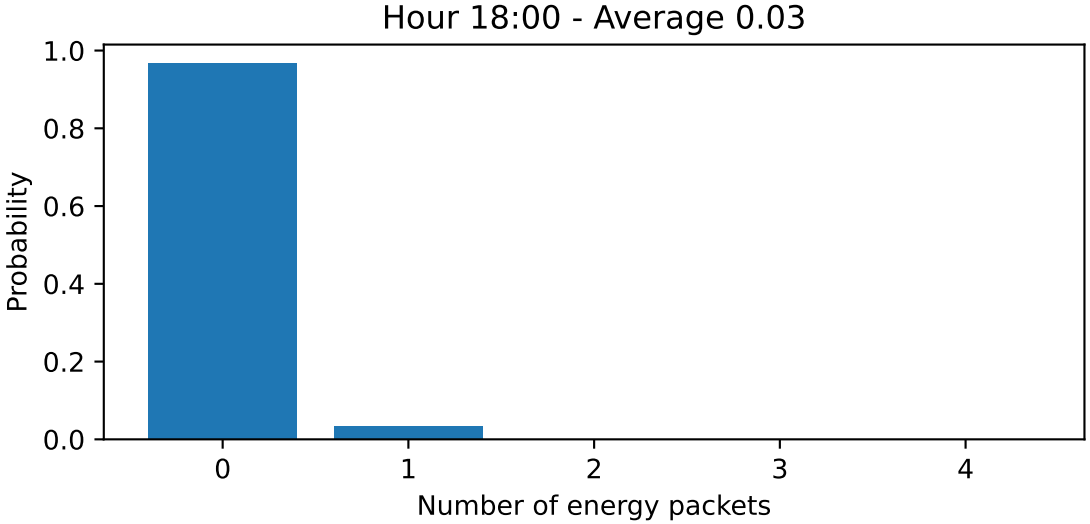

Hour 13:00 - Average 1.26
Probability
0.0
0.1
0.2
0.3
0.4
0
1
2
3
4
Number of energy packets

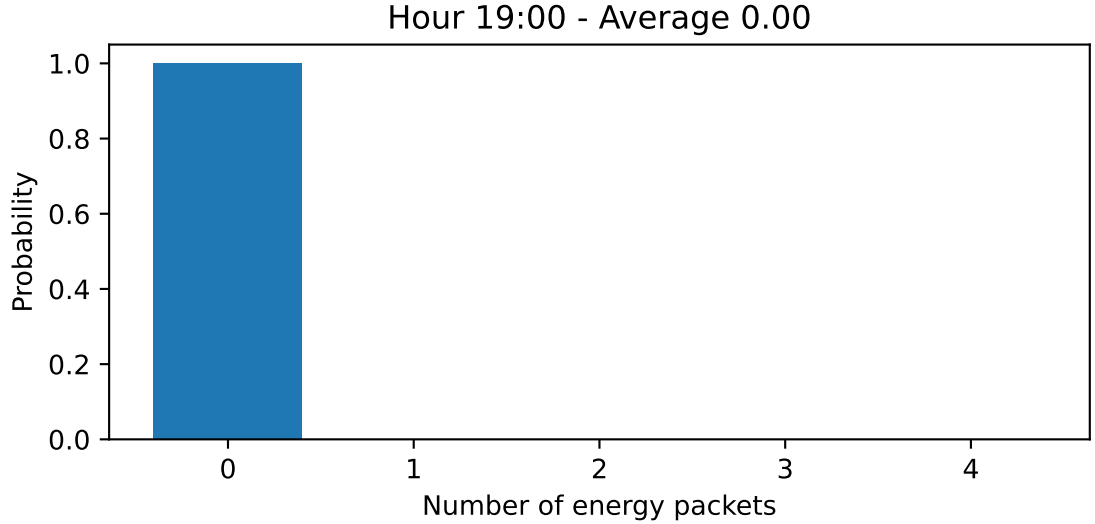

Hour 14:00 - Average 1.01
Probability
0.0
0.1
0.2
0.3
0.4
0
1
2
3
4
Number of energy packets

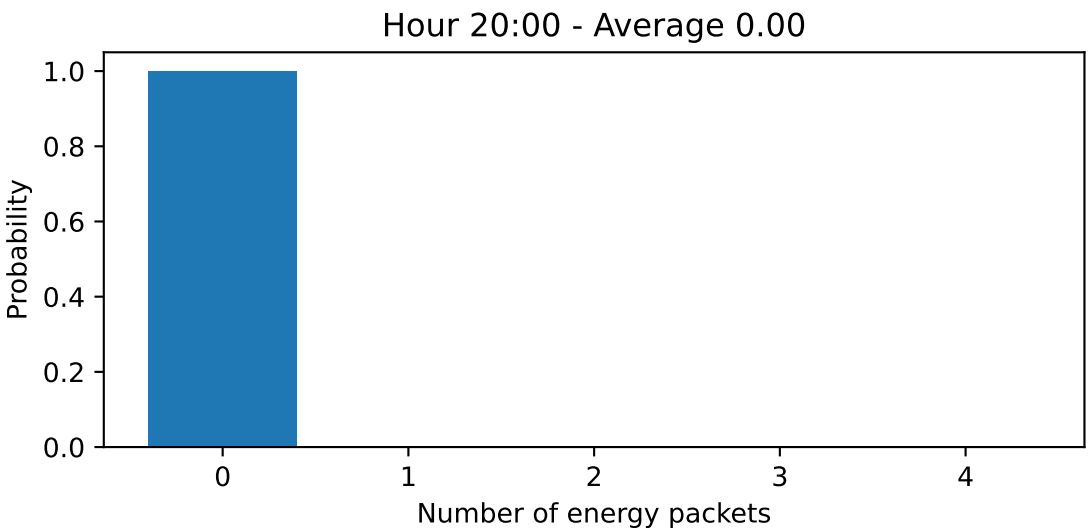

Hour 15:00 - Average 0.89
Probability
0.0
0.1
0.2
0.3
0.4
0
1
2
3
4
Number of energy packets


Hour 16:00 - Average 0.46
Probability
0.0
0.2
0.4
0.6
0
1
2
3
4
Number of energy packets


Hour 17:00 - Average 0.16
Probability
0.0
0.2
0.4
0.6
0.8
0
1
2
3
4
Number of energy packets


Hour 18:00 - Average 0.03
Probability
1.0
0.8
0.6
0.4
0.2
0.0
0
1
2
3
4
Number of energy packets


Hour 19:00 - Average 0.00
Probability
1.0
0.8
0.6
0.4
0.2
0.0
0
1
2
3
4
Number of energy packets


Hour 20:00 - Average 0.00
Probability
1.0
0.8
0.6
0.4
0.2
0.0
0
1
2
3
4
Number of energy packets