Appendix A: Thanksgiving Test Data

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date | Time | Panel Voltage | Panel Current | Battery Voltage |
| 11/24 | 8:00 PM | 0 | 0 | 12.47 |
| **11/25** | **12:00 AM** | **0** | **0** | **11.75** |
| 11/25 | 11:000 AM | 12.58 | 1.82 | 12.71 |
| 11/25 | 8:00 PM | 0 | 0 | 12.23 |
| **11/26** | **12:00 AM** | **0** | **0** | **11.74** |
| 11/26 | 10:00 AM | 13.66 | 6.17 | 13.76 |
| 11/26 | 8:00 PM | 0 | 0 | 12.34 |
| **11/26** | **10:00 PM** | **0** | **0** | **11.75** |
| 11/27 | 9:00 AM | 12.67 | 2.23 | 12.54 |
| 11/27 | 10:00 AM | 13.31 | 6.54 | 12.89 |
| 11/27 | 11:00 AM | 13.36 | 9.59 | 13.13 |
| 11/27 | 12:00 PM | 14.12 | 11.65 | 13.68 |
| 11/27 | 1:00 PM | 14.31 | 10.77 | 13.66 |
| 11/27 | 2:00 PM | 14.23 | 10.45 | 13.57 |
| 11/27 | 3:00 PM | 13.99 | 9.73 | 13.54 |
| 11/27 | 4:00 PM | 12.65 | 7.29 | 13.23 |
| 11/27 | 5:00 PM | 12.14 | 5.22 | 12.59 |
| 11/27 | 6:00 PM | 12.06 | 2.24 | 12.65 |
| 11/27 | 7:00 PM | 12.06 | 0.71 | 12.57 |
| 11/27 | 8:00 PM | 0 | 0 | 12.39 |
| 11/27 | 9:00 PM | 0 | 0 | 12.22 |
| 11/28 | 12:00 AM | 0 | 0 | 11.88 |
| **11/28** | **1:00AM** | **0** | **0** | **11.75** |
| 11/28 | 2:00 AM | 0 | 0 | 12.23 |
| 11/28 | 11:00 AM | 14.65 | 13.24 | 13.99 |
| 11/28 | 2:00 PM | 13.89 | 11.97 | 13.87 |
| 11/28 | 4:00 PM | 12.99 | 6.76 | 13.26 |
| 11/28 | 8:00 PM | 0 | 0 | 12.63 |
| 11/28 | 9:00 PM | 0 | 0 | 12.43 |
| 11/28 | 10:00 PM | 0 | 0 | 12.22 |
| 11/29 | 12:00 AM | 0 | 0 | 12.10 |
| 11/29 | 1:00 AM | 0 | 0 | 11.98 |
| **11/29** | **2:00 AM** | **0** | **0** | **11.75** |
| 11/29 | 10:00 AM | 13.26 | 5.95 | 12.76 |
| 11/29 | 11:00 AM | 13.77 | 11.45 | 13.58 |

November 27-28 Test Chart 1: Measured Stats

November 27-28 Test Chart 2: Derived Stats