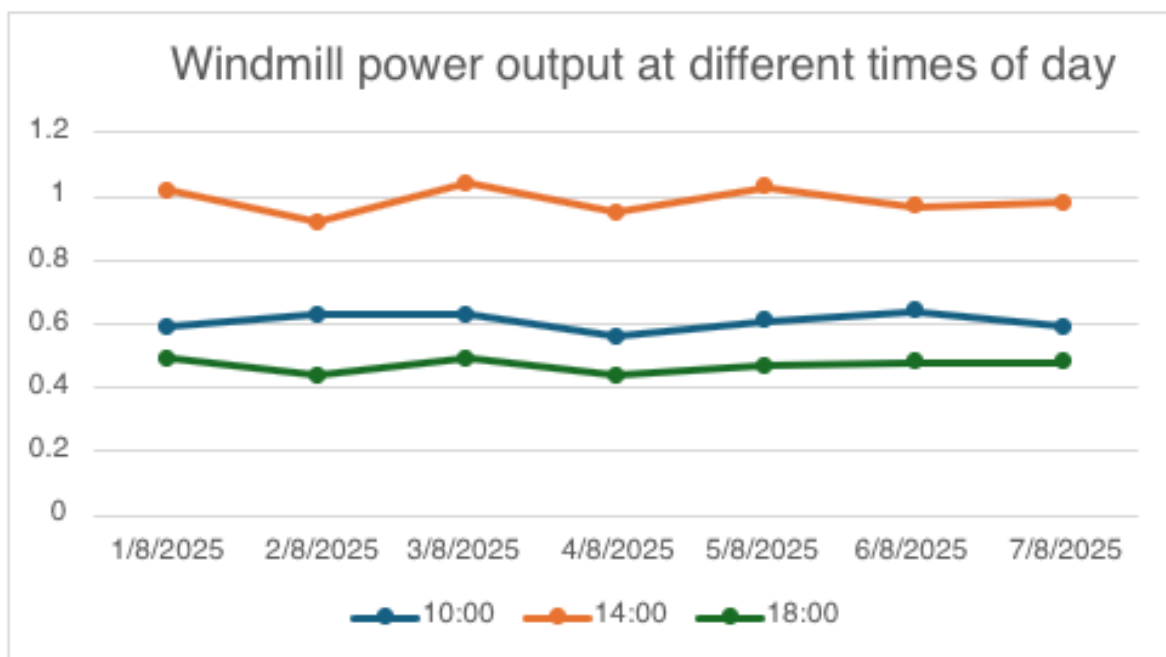
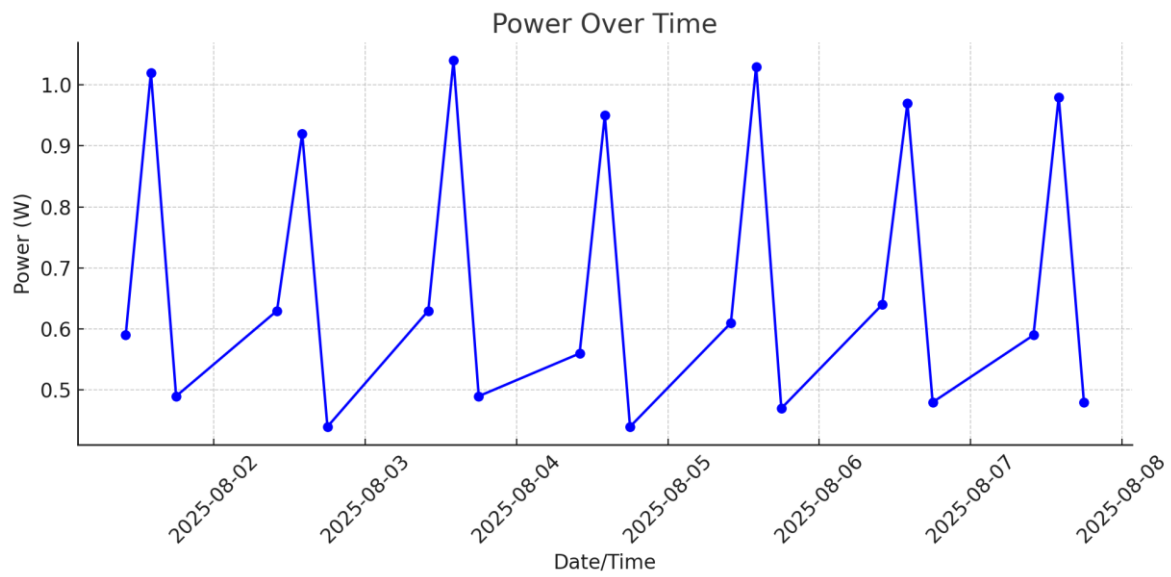


## Windmill electrical output tested over 1 week

All measurements were taken using an analog multimeter. To ensure consistency and reliability the same person collected all readings. The windmill was kept in the same location and same angle throughout the entire study to provide comparable results.



| Date     | Time  | Voltage (V) | Current (A) | Power (W) |
|----------|-------|-------------|-------------|-----------|
| 1/8/2025 | 10:00 | 2.80        | 0.21        | 0.59      |
|          | 14:00 | 3.65        | 0.28        | 1.02      |
|          | 18:00 | 2.35        | 0.21        | 0.49      |
| 2/8/2025 | 10:00 | 2.75        | 0.23        | 0.63      |
|          | 14:00 | 3.55        | 0.26        | 0.92      |
|          | 18:00 | 2.30        | 0.19        | 0.44      |
| 3/8/2025 | 10:00 | 2.85        | 0.22        | 0.63      |
|          | 14:00 | 3.70        | 0.28        | 1.04      |
|          | 18:00 | 2.45        | 0.20        | 0.49      |
| 4/8/2025 | 10:00 | 2.65        | 0.21        | 0.56      |
|          | 14:00 | 3.50        | 0.27        | 0.95      |
|          | 18:00 | 2.20        | 0.20        | 0.44      |
| 5/8/2025 | 10:00 | 2.75        | 0.22        | 0.61      |
|          | 14:00 | 3.55        | 0.29        | 1.03      |
|          | 18:00 | 2.25        | 0.21        | 0.47      |
| 6/8/2025 | 10:00 | 2.80        | 0.23        | 0.64      |
|          | 14:00 | 3.60        | 0.27        | 0.97      |
|          | 18:00 | 2.40        | 0.20        | 0.48      |
| 7/8/2025 | 10:00 | 2.70        | 0.22        | 0.59      |
|          | 14:00 | 3.50        | 0.28        | 0.98      |
|          | 18:00 | 2.30        | 0.21        | 0.48      |



Afternoon peaks in power output are likely due to stronger winds caused by higher temperatures creating pressure differences in the atmosphere.