

Summary of Presidio Battery Operations for 2022

The Presidio Battery installation in Presidio, Texas, is a four (“4”) Megawatt Sodium-Sulphur battery installation. The discharge of the battery will enable it to supply power continuously over an eight-hour period. In addition, it will address voltage fluctuations and momentary outages in the area.

In 2022, the battery discharged and recharged 36 and 33 times, respectively, in a 12-month period.

The longest Discharge duration time was 5 hours¹.

The longest Charge duration time was 9 hours and 45 minutes².

The shortest Discharge duration time was 30 minutes³.

The shortest Charge duration time was 15 minutes⁴.

The earliest Discharge occurrence began at 5:45 AM and lasted 3 hours 30 minutes⁵.

The earliest Charge occurrence began at 1:30 AM and lasted 3 hours and 15 minutes⁶.

The latest Discharge occurrence began at 8:30 PM and lasted 30 minutes⁷.

The latest Charge occurrence began 7:30 PM and lasted 15 minutes⁸.

The following charts are the kWh Discharges and Charges per month.

Month	kWh Discharge	kWh Charge
January	32,515.50	35,338.25
February	25,640.75	29,808.75
March	-	-
April	14,399.25	16,991.75
May	23,711.25	28,408.75
June	26,272.75	30,477.00
July	30,017.25	34,561.75
August	27,235.00	32,287.25
September	12,815.00	15,074.75
October	13,321.25	15,835.50
November	-	-
December	5,816.50	4,092.50
TOTAL	211,744.50	242,876.25

¹ Occurred May 21 from 9:30 AM to 2:30 PM

² Occurred May 21 from 2:15 PM to 12:00 AM

³ Occurred May 14, July 25, and September 25 from 6:45 AM to 7:15 AM, 8:30 PM to 9:00 PM, and 1:30 PM to 2:00 PM, respectively

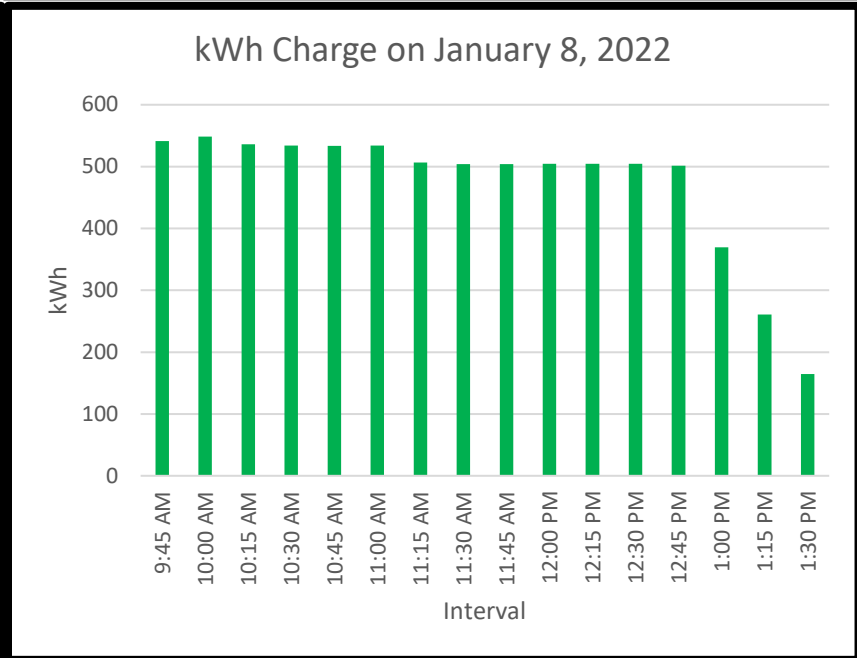
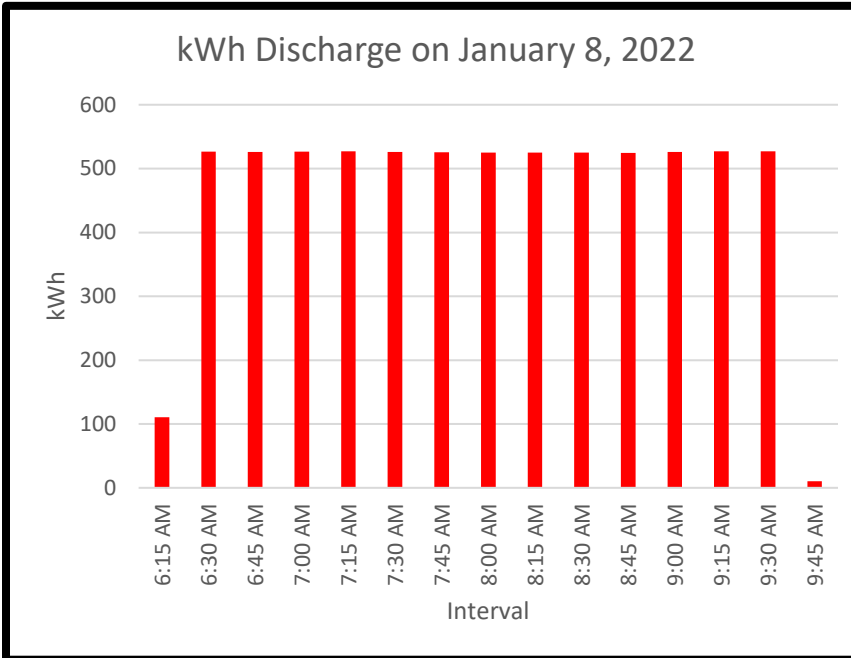
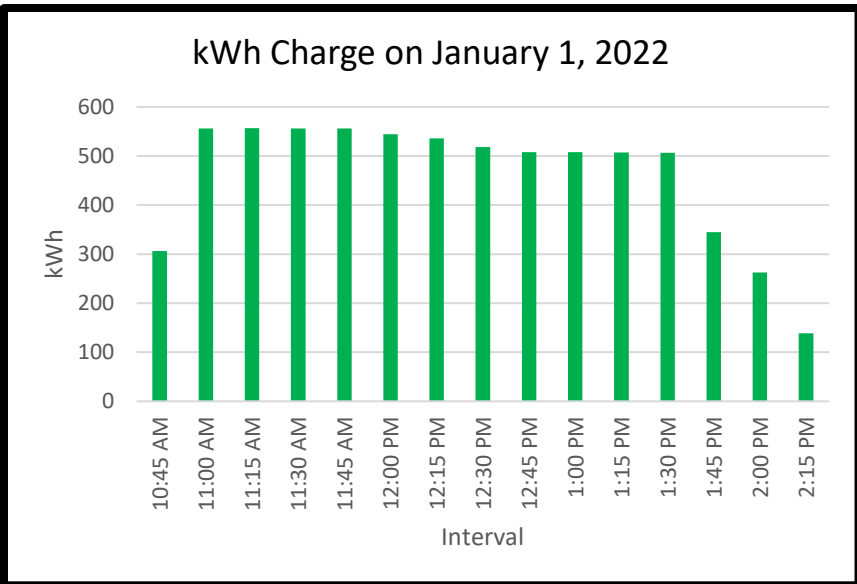
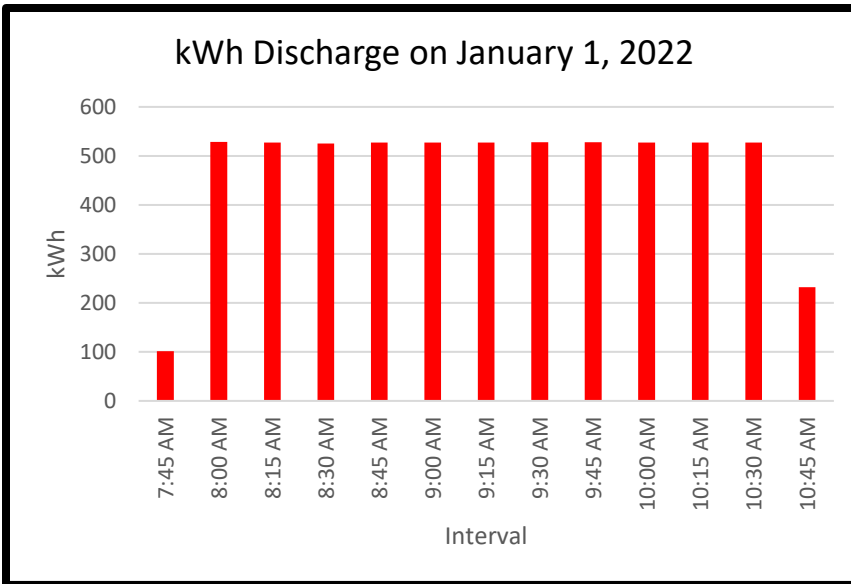
⁴ Occurred July 21 from 7:30 PM to 7:45 PM

⁵ Occurred July 16 from 5:45 AM to 9:15 AM

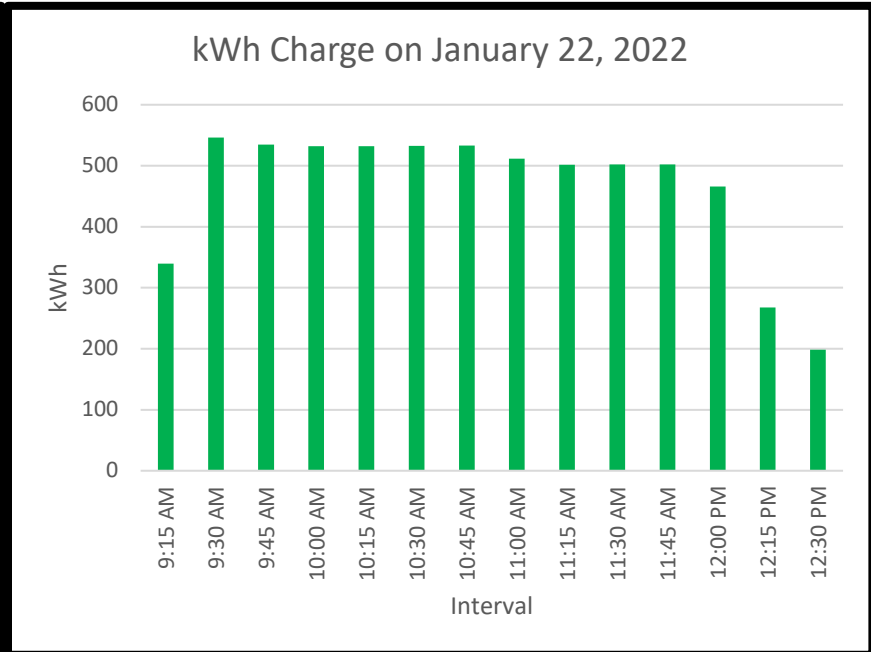
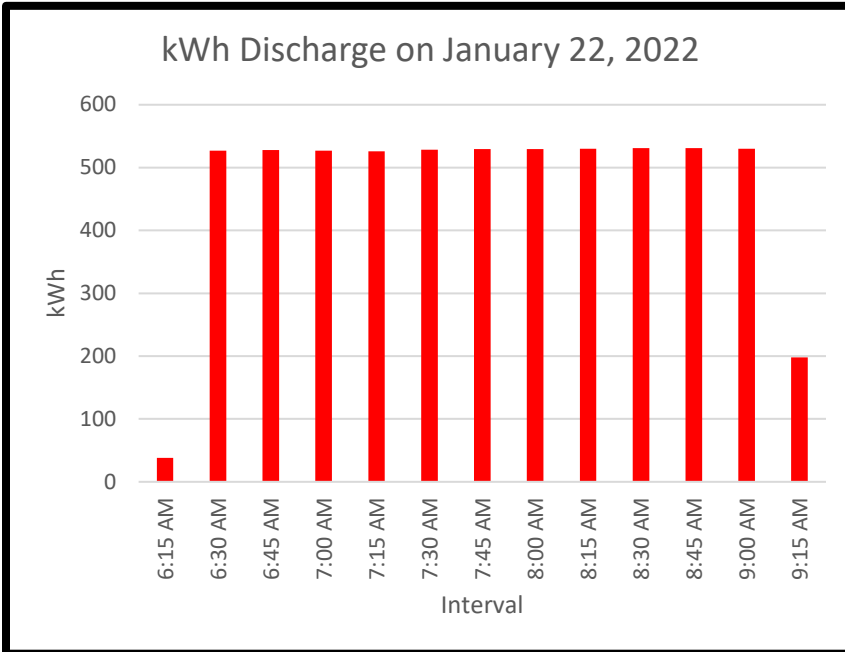
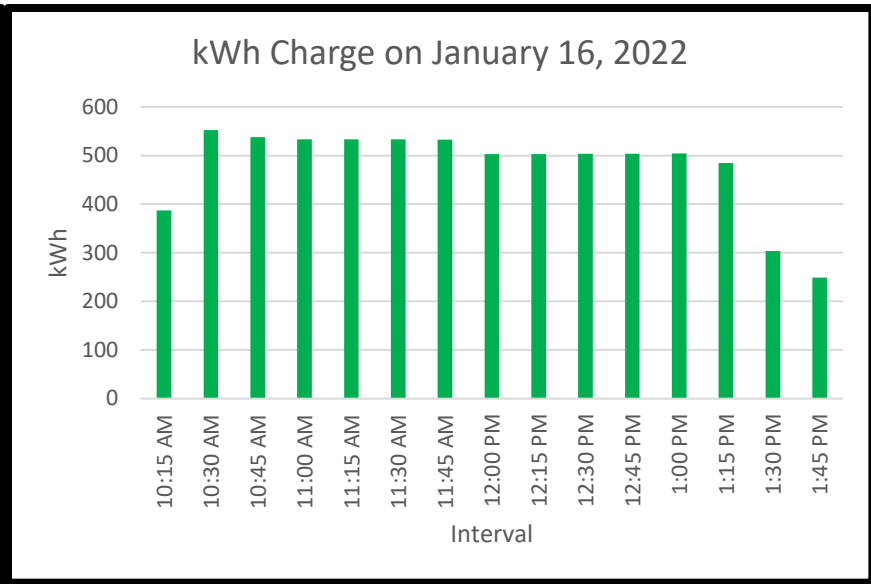
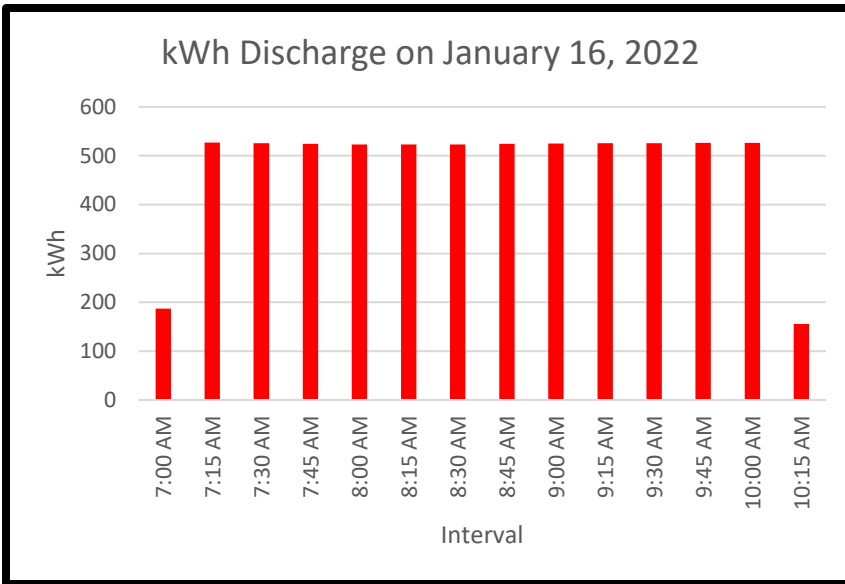
⁶ Occurred July 22 from 1:30 AM to 4:45 AM

⁷ Occurred July 25 from 8:30 PM to 9:00 PM

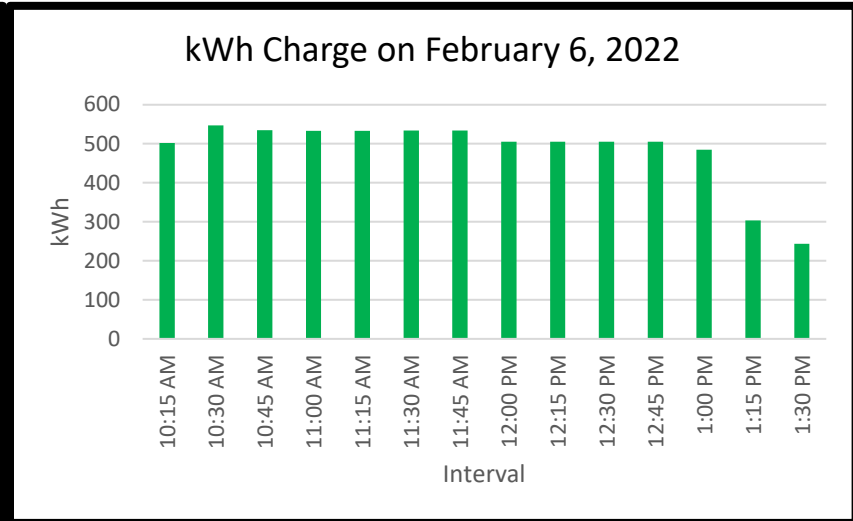
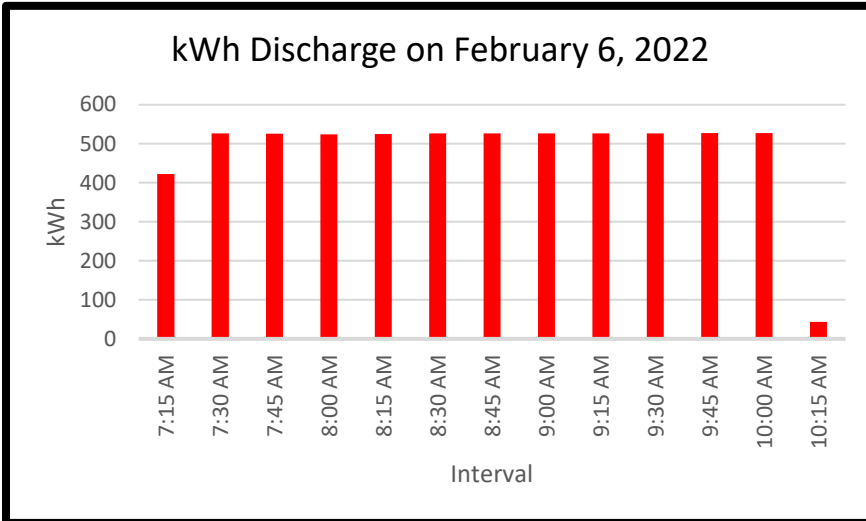
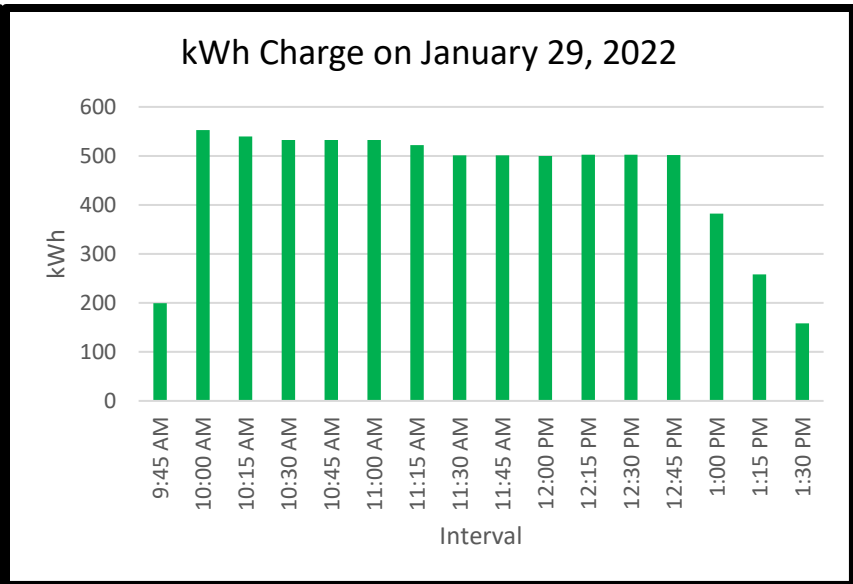
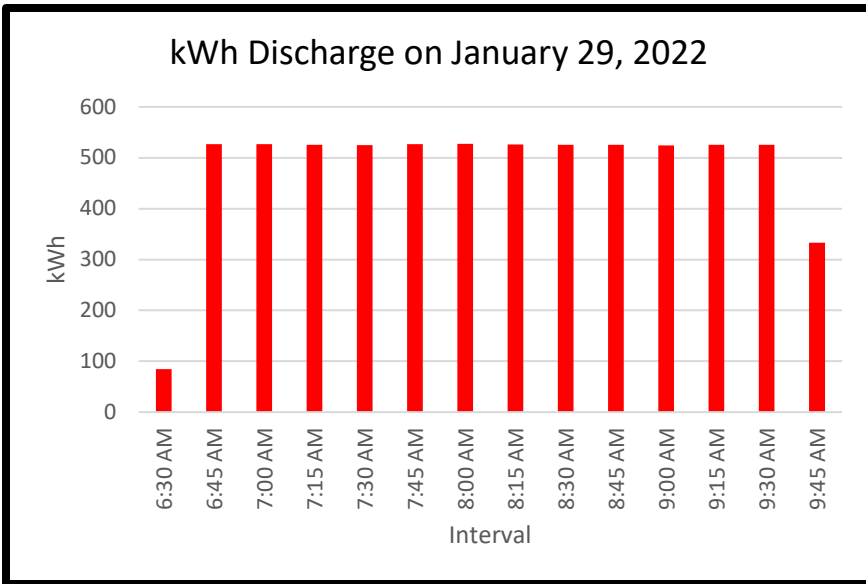
⁸ Occurred July 21 from 7:30 PM to 7:45 PM



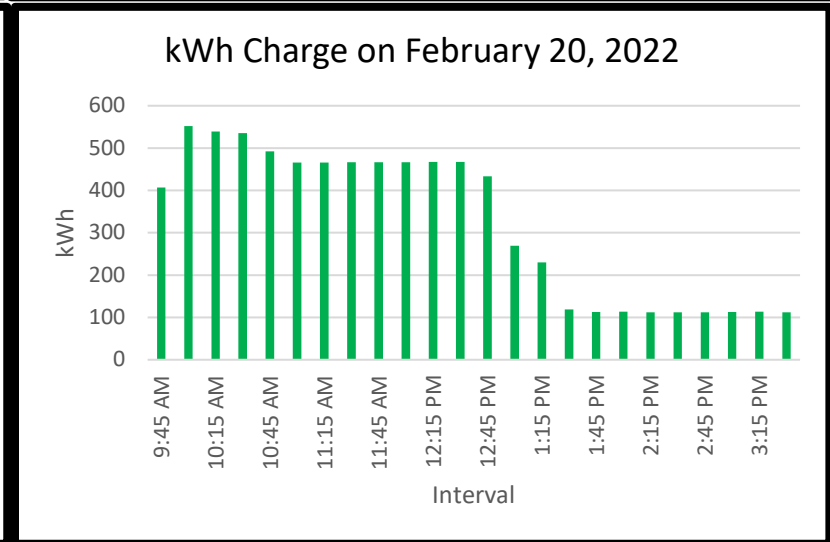
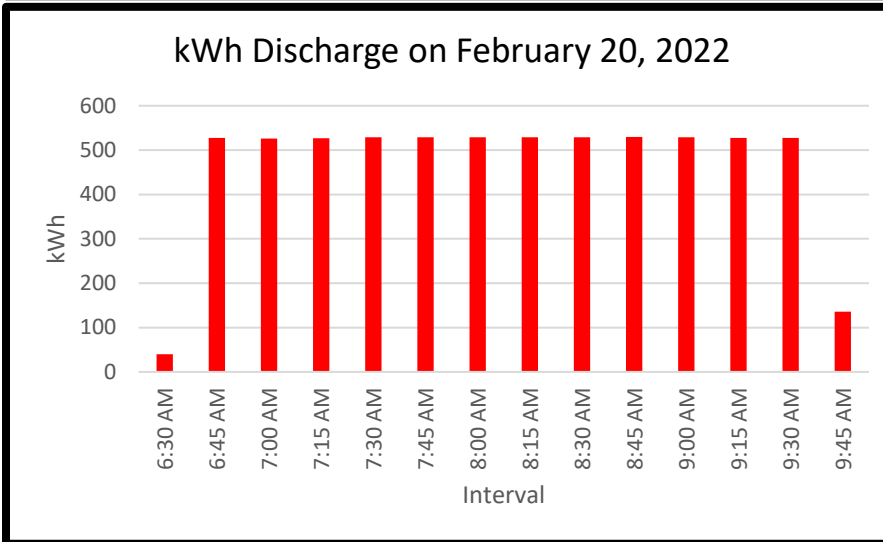
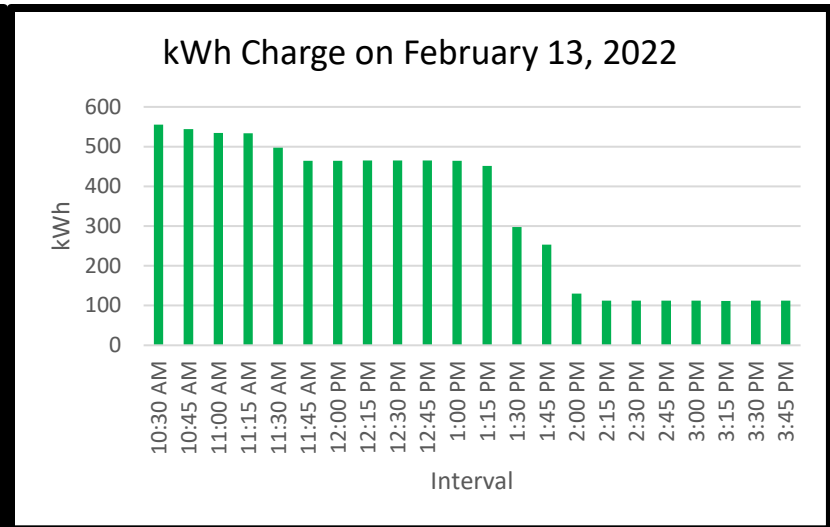
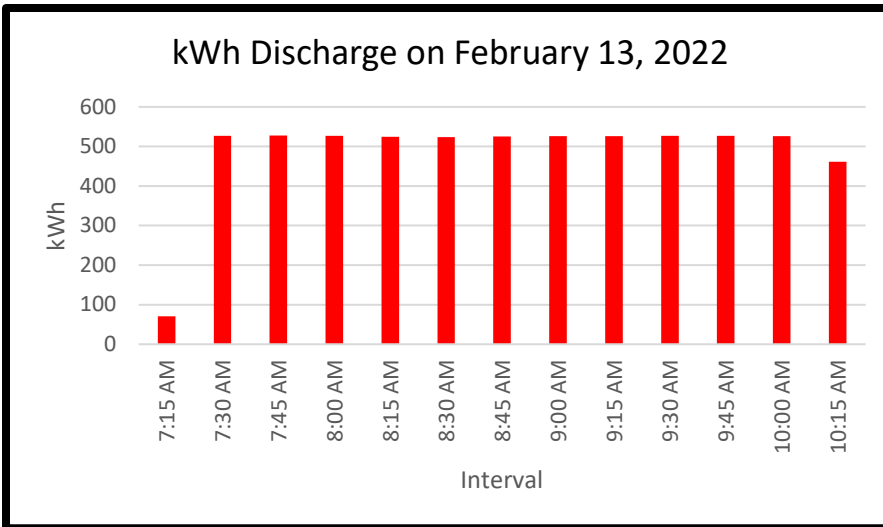
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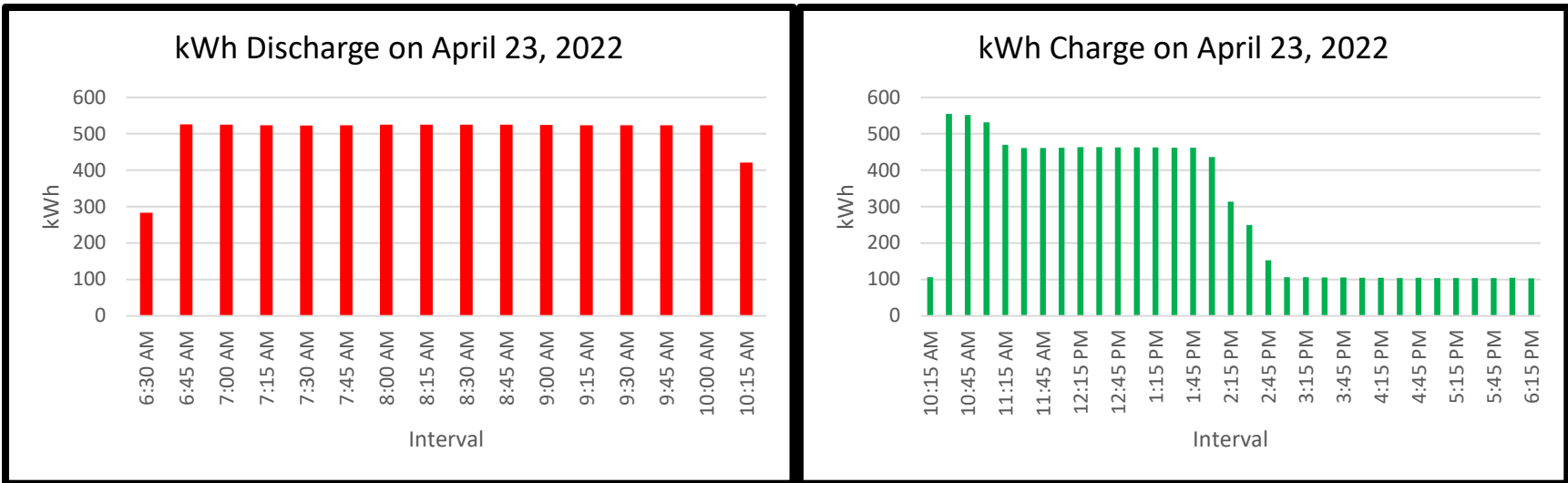
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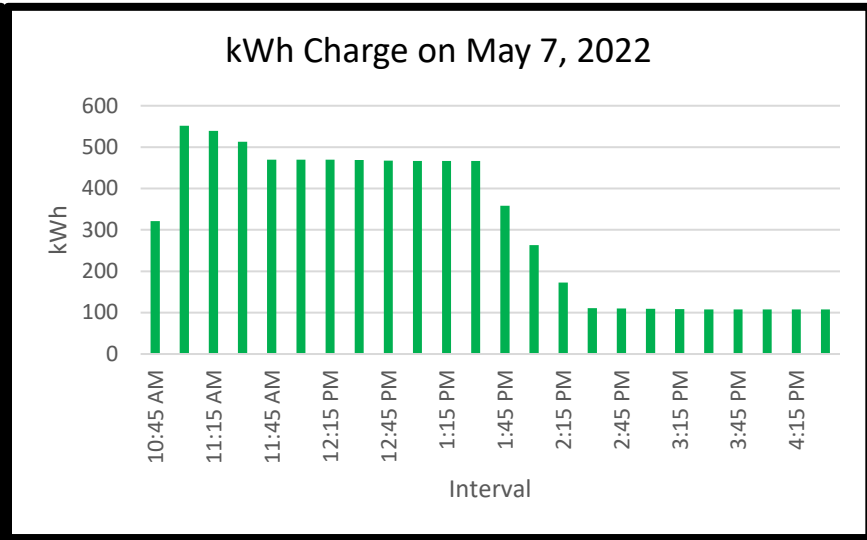
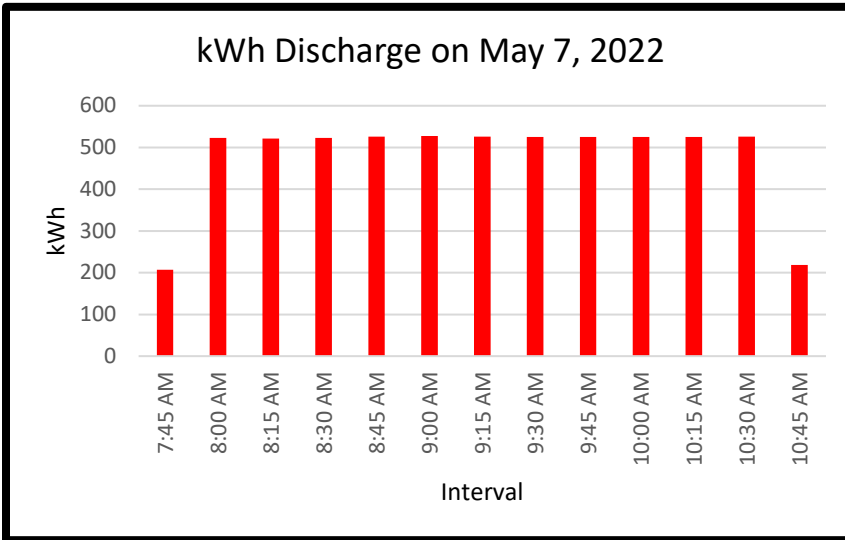
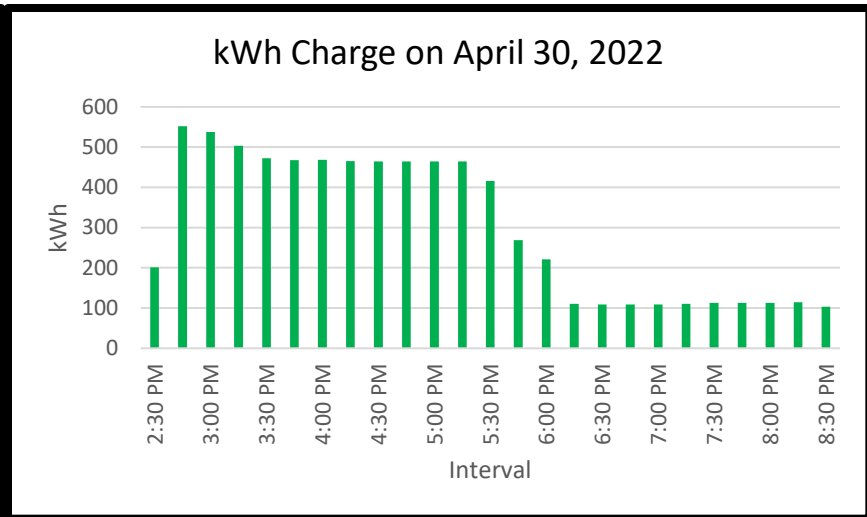
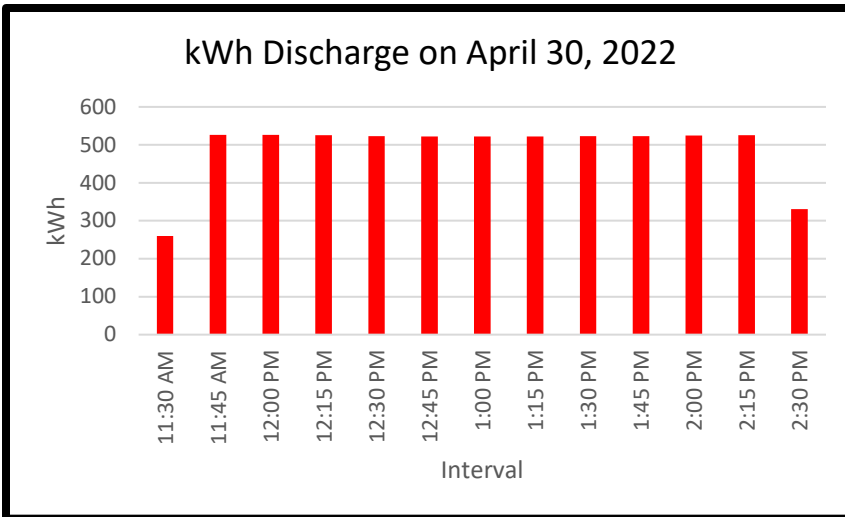
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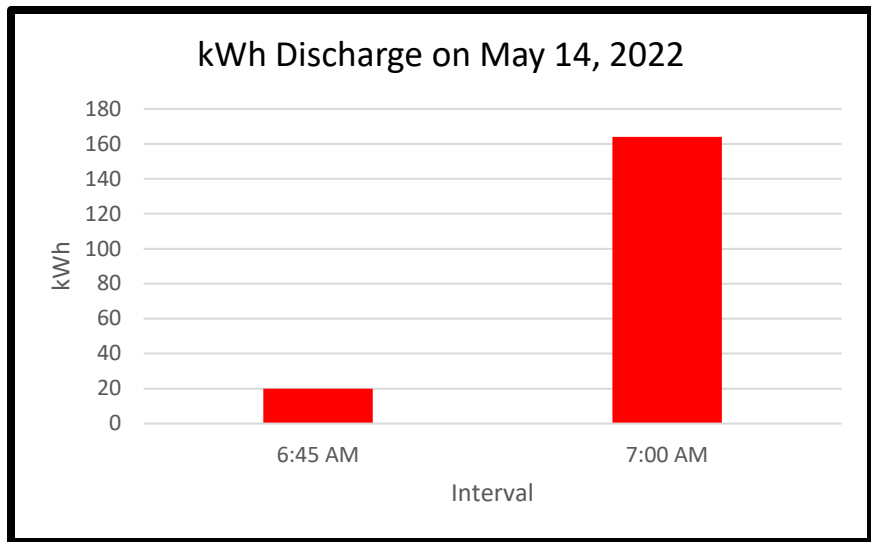
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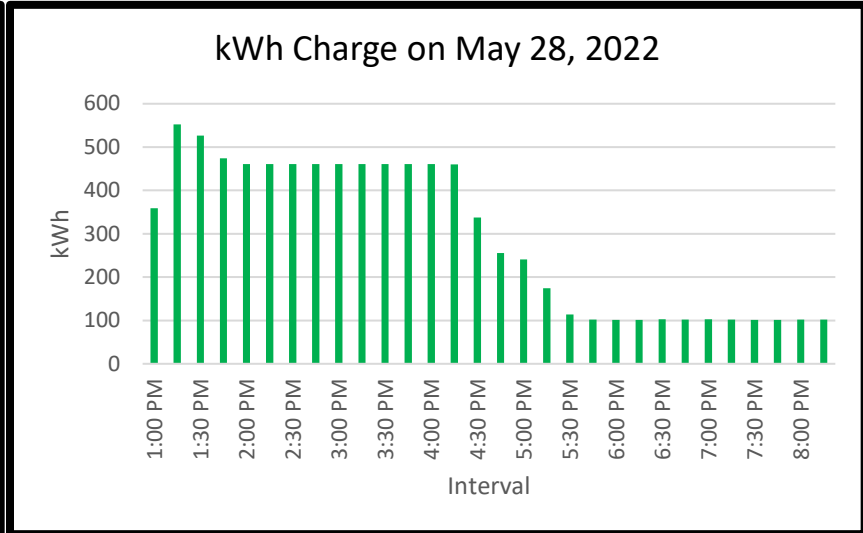
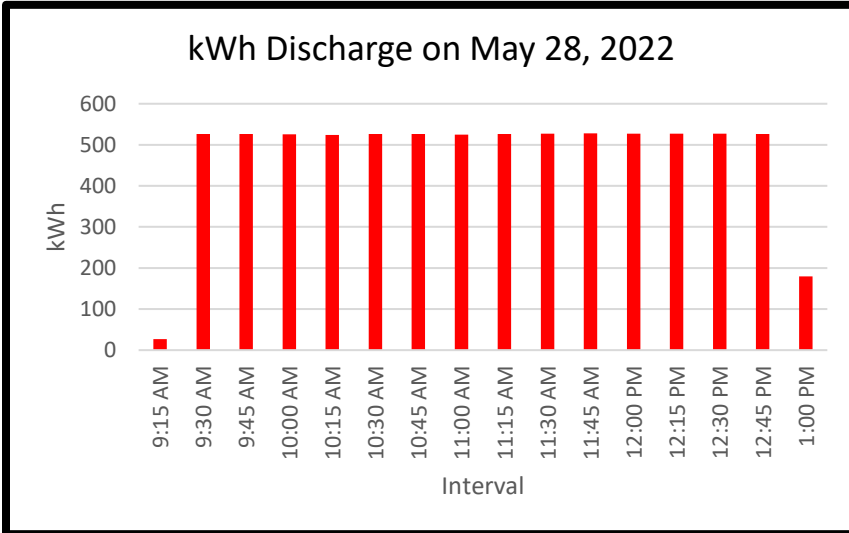
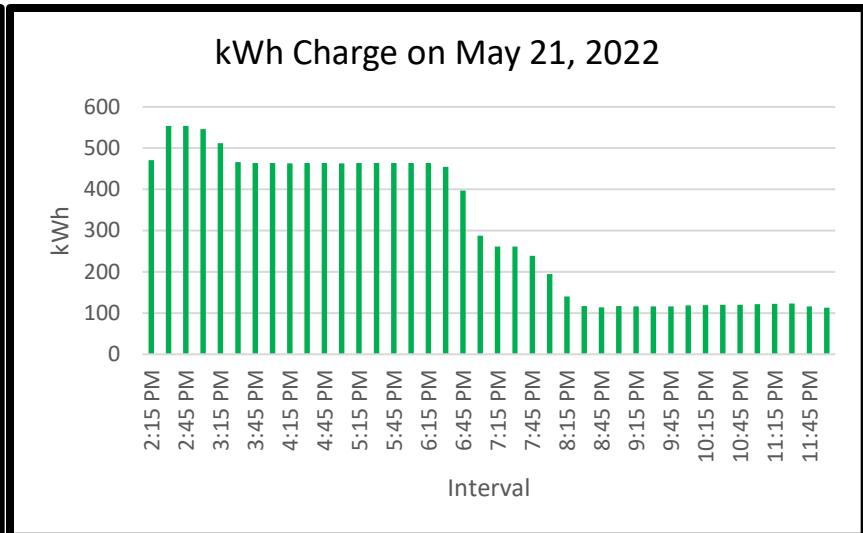
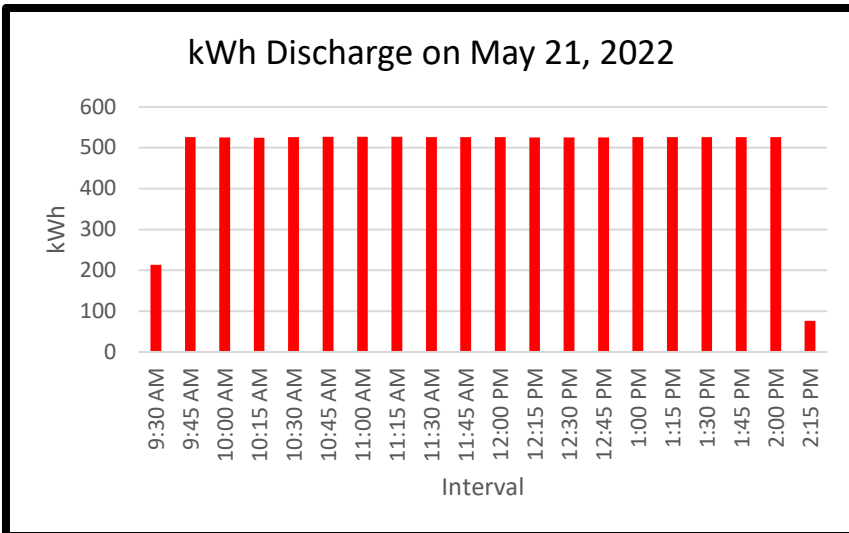
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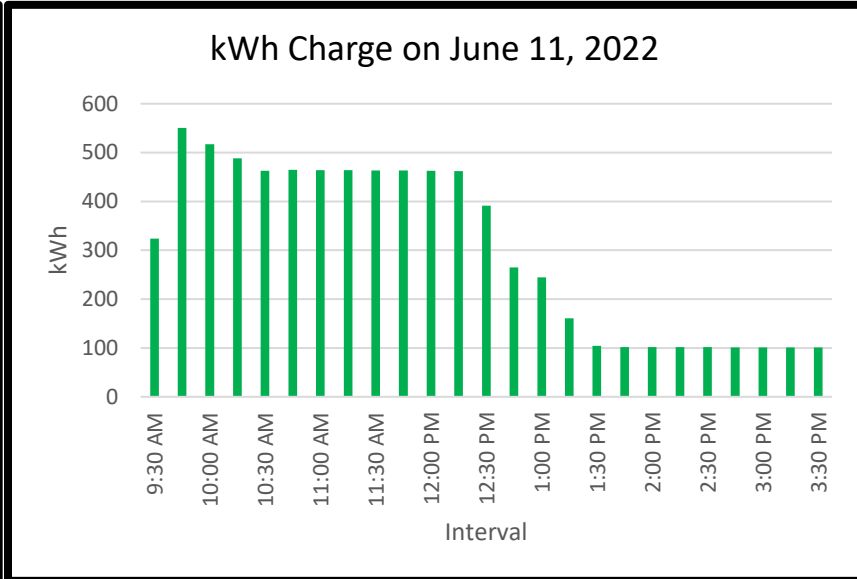
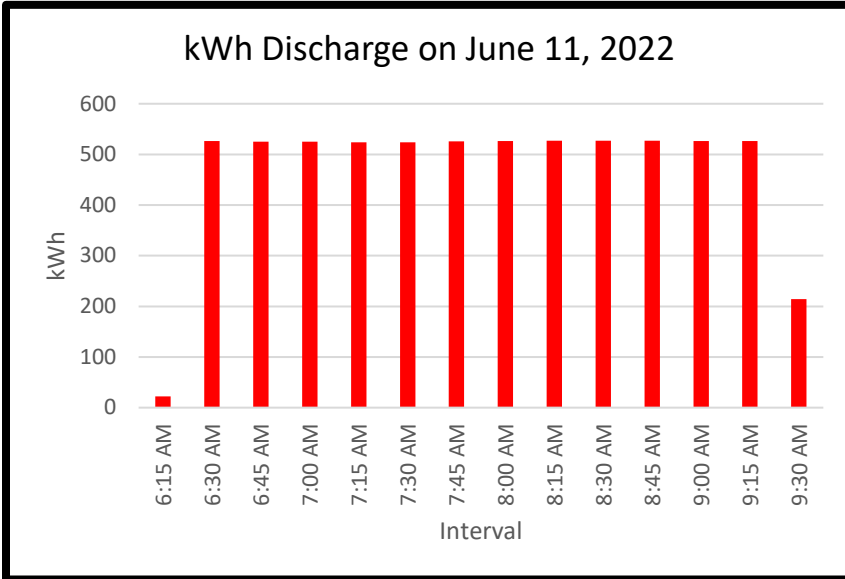
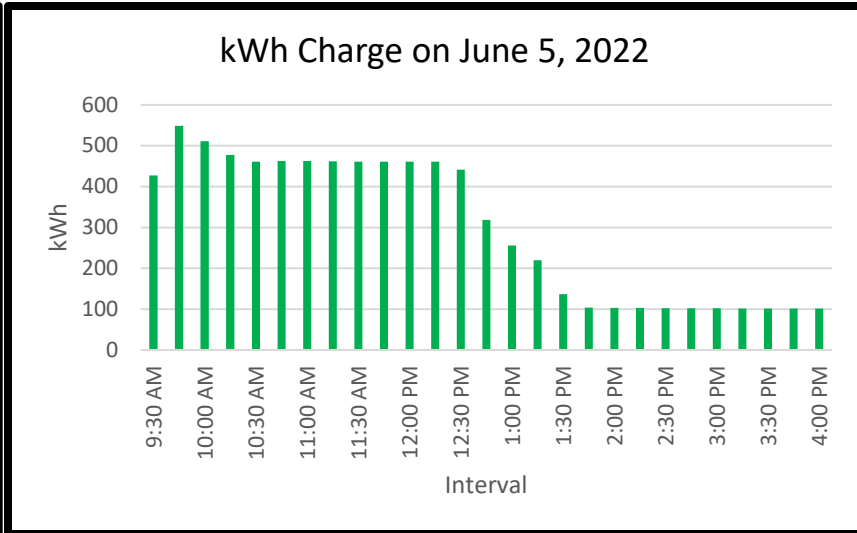
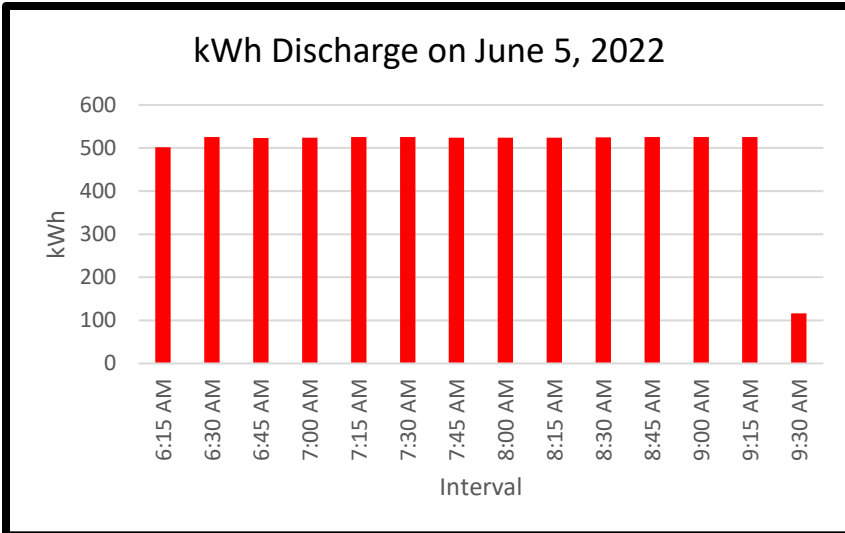
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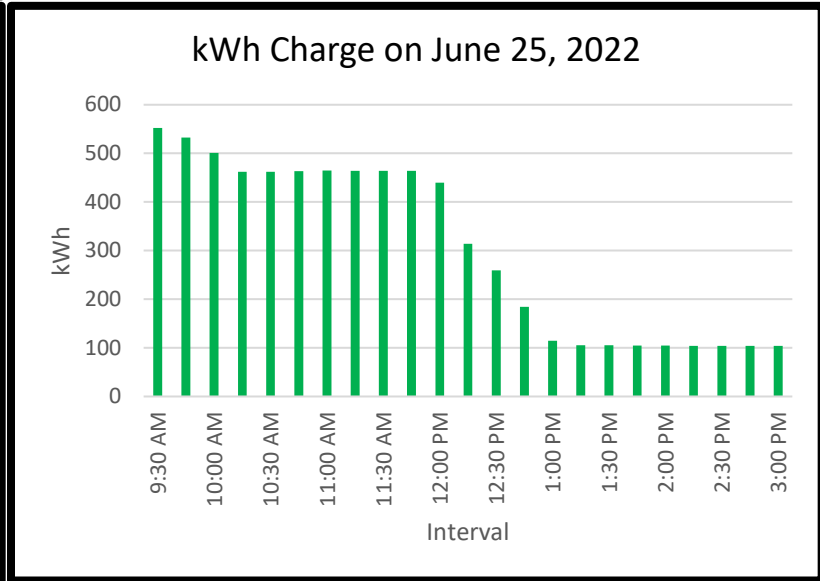
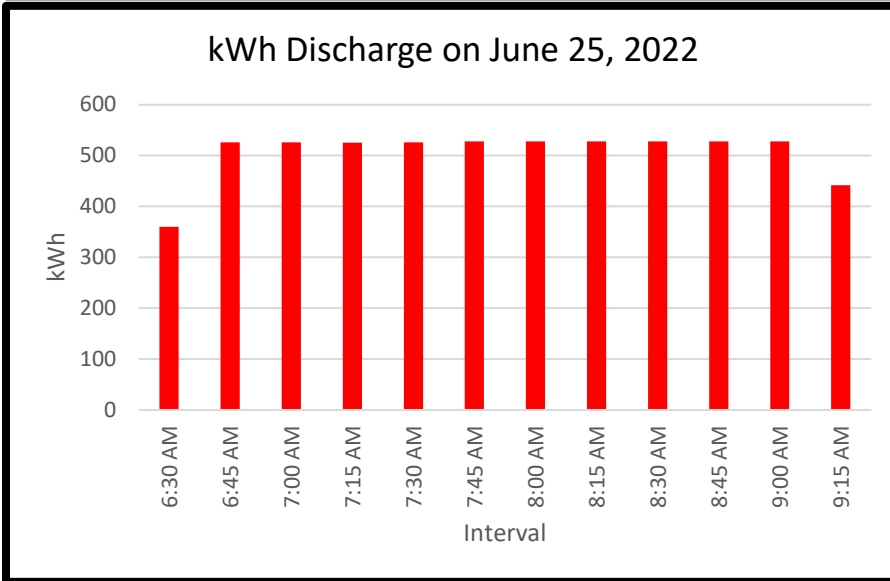
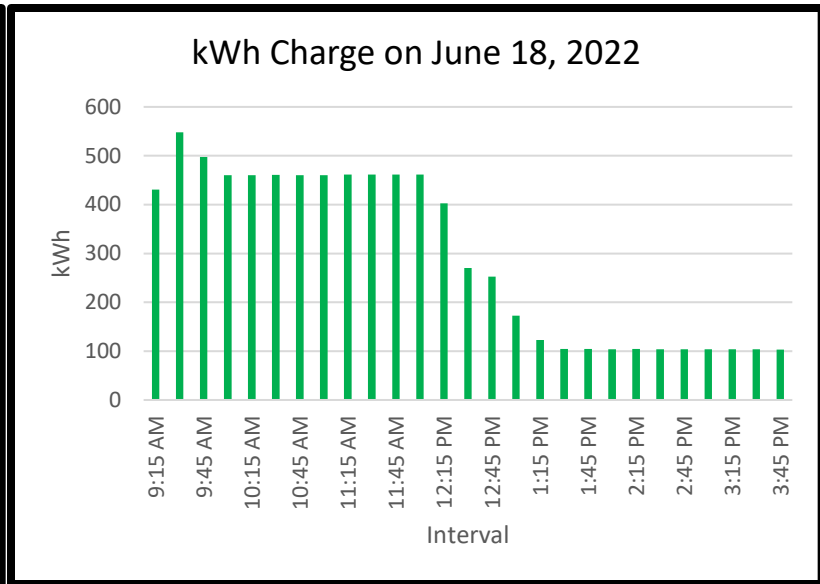
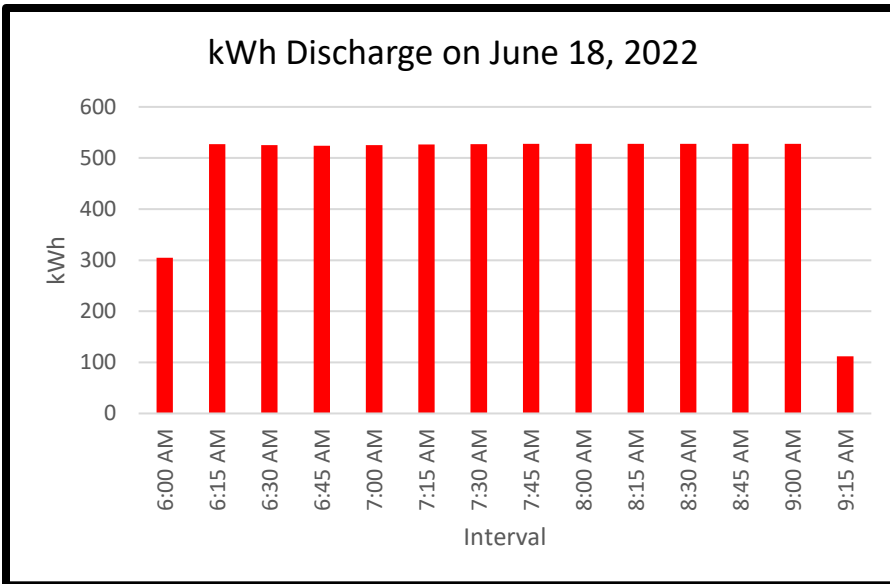
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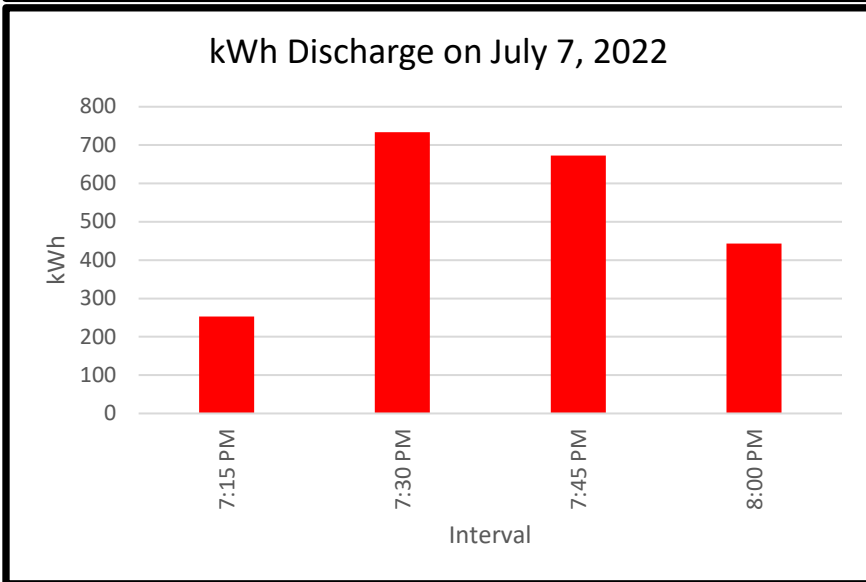
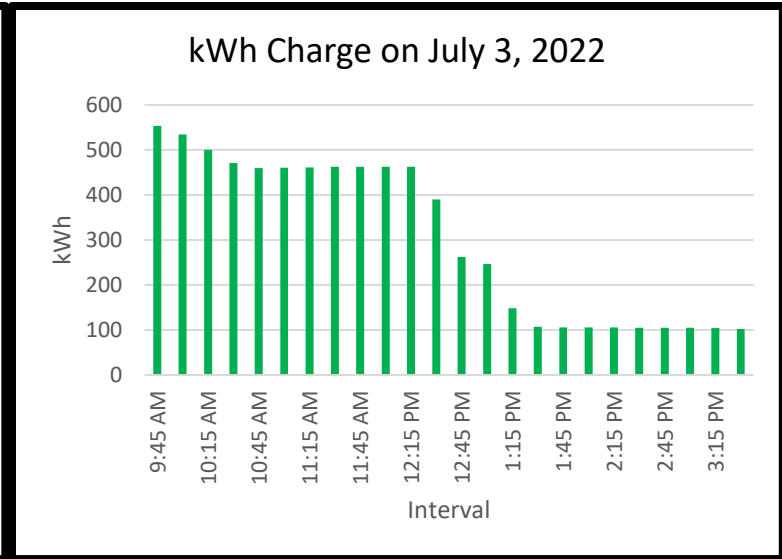
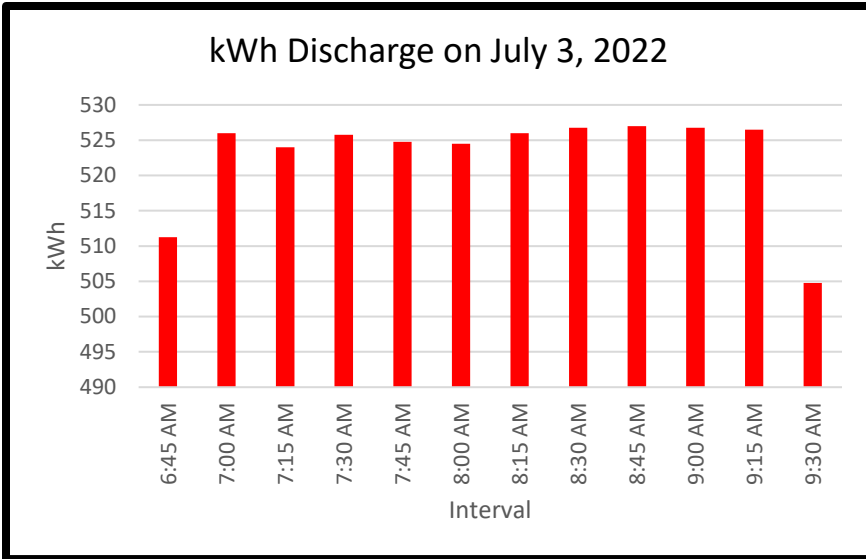
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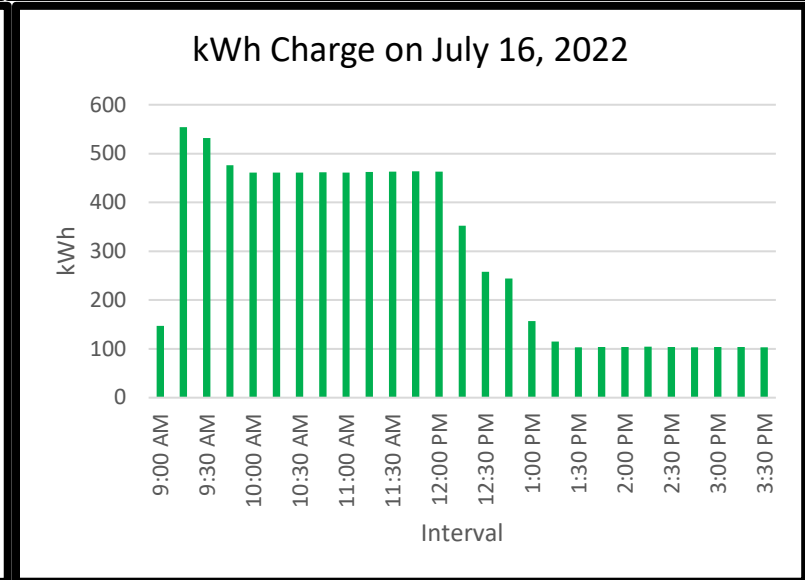
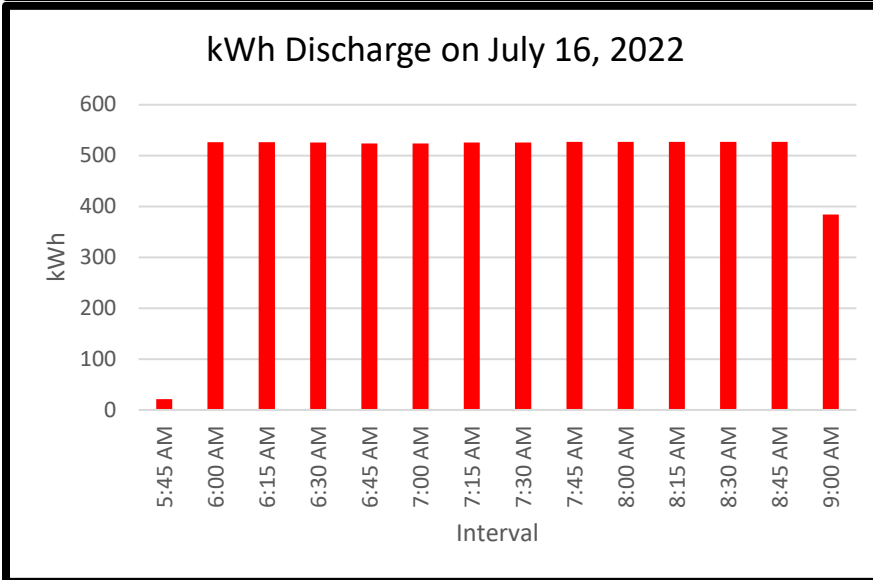
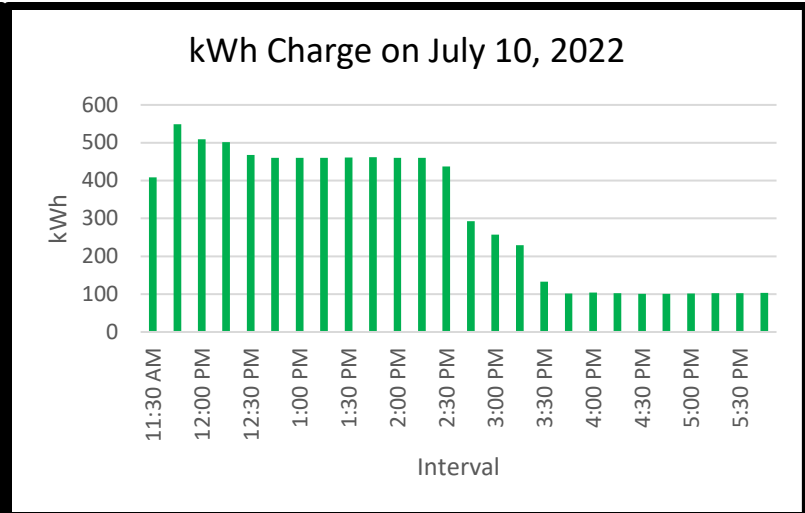
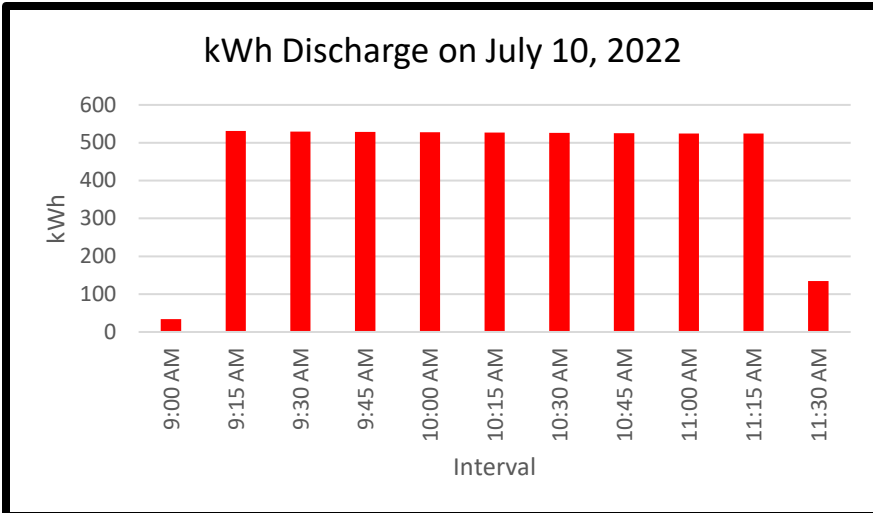
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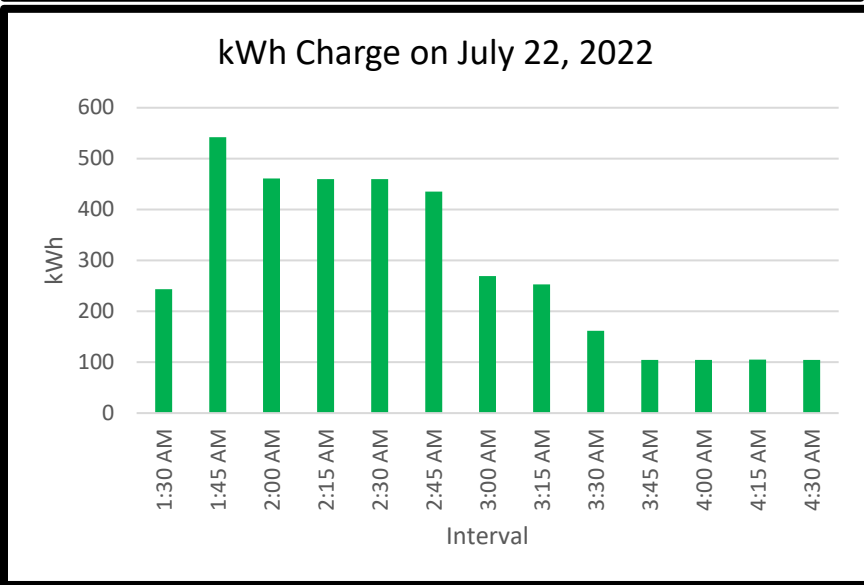
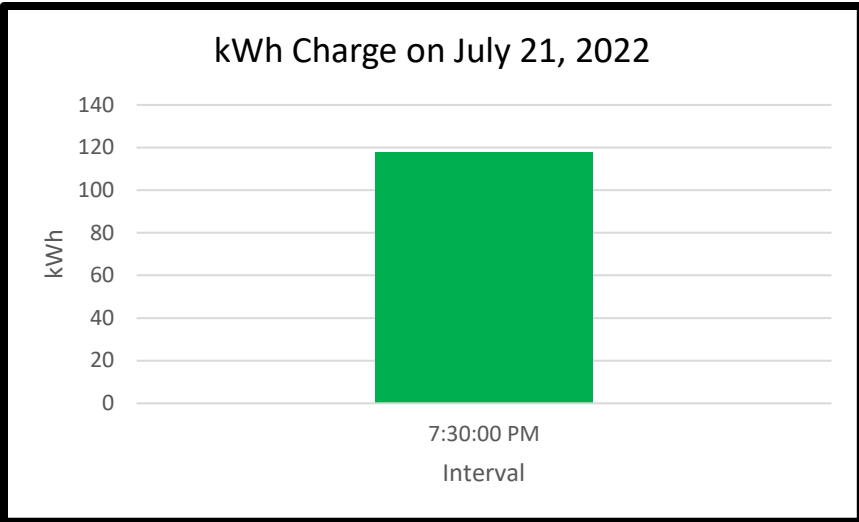
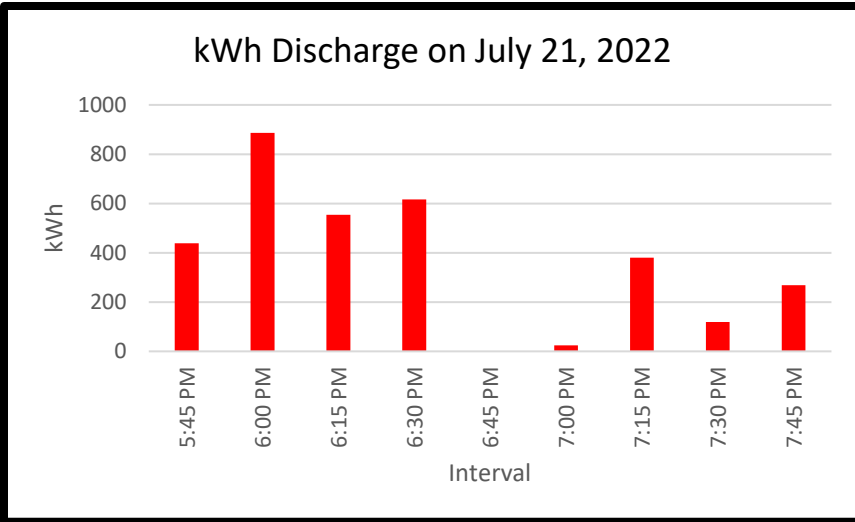
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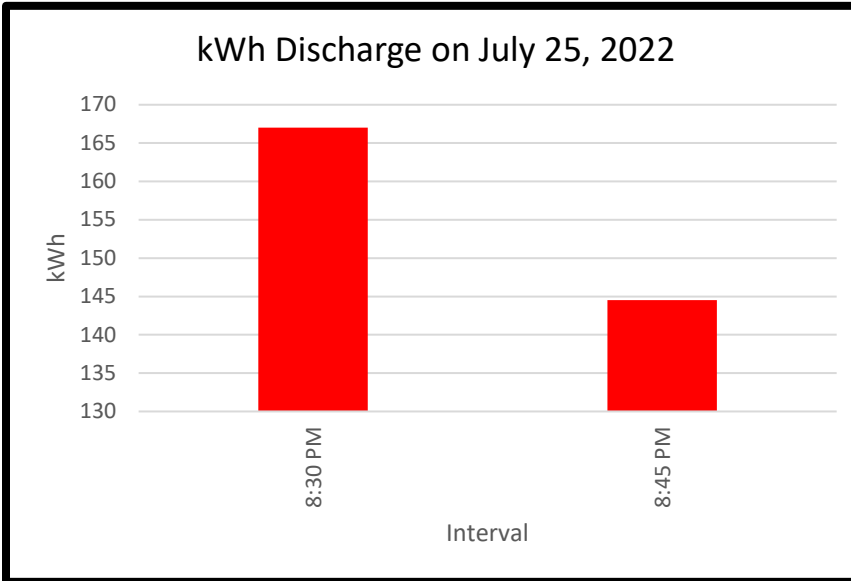
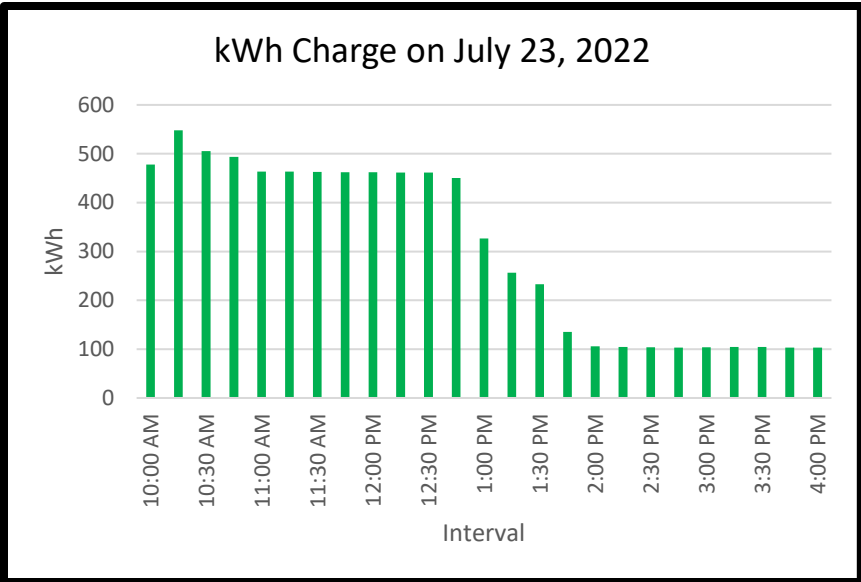
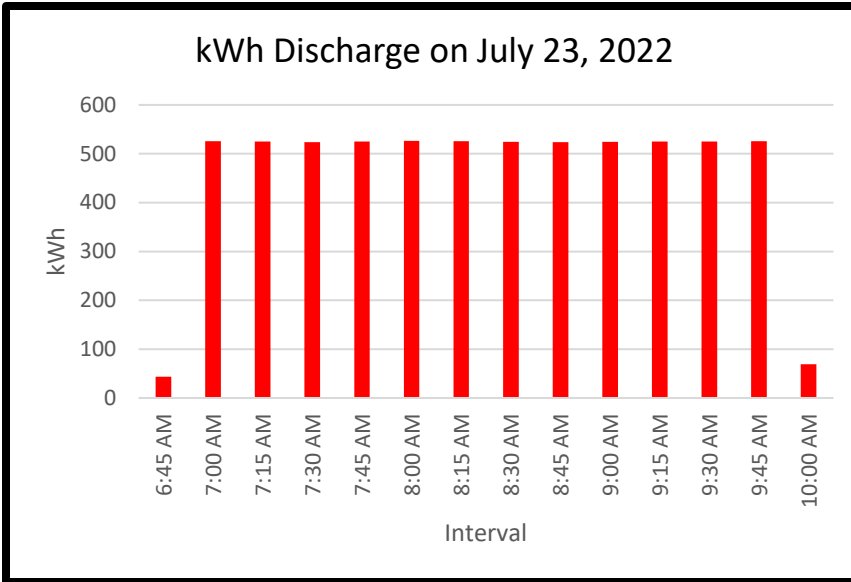
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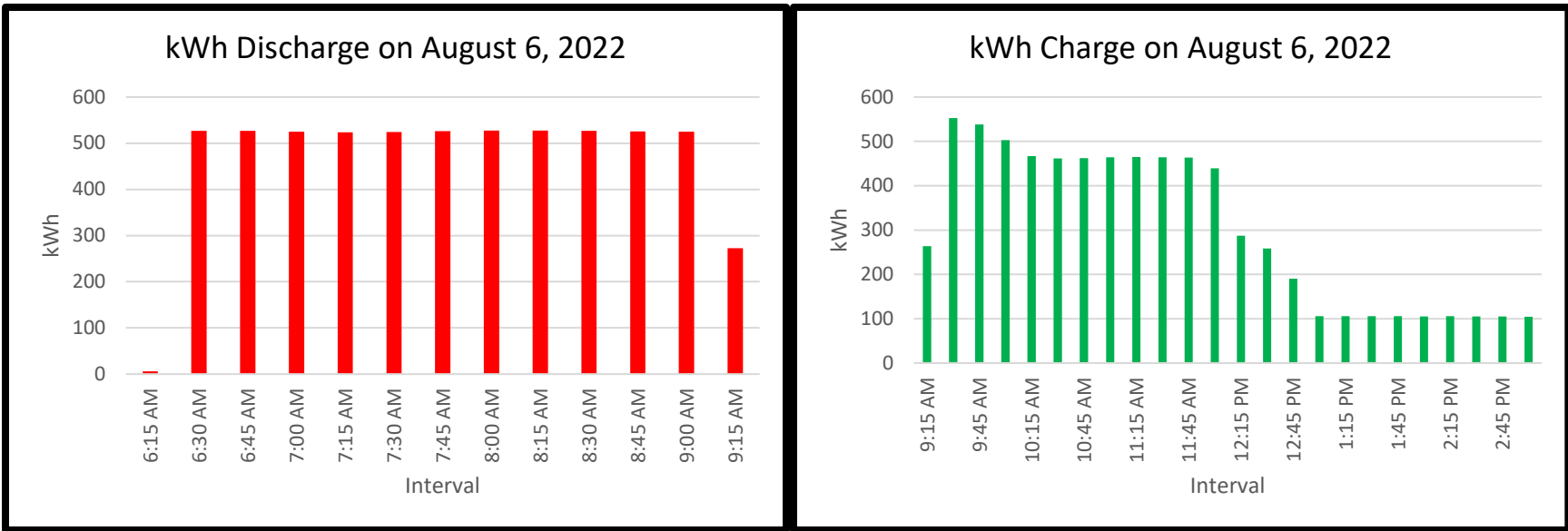
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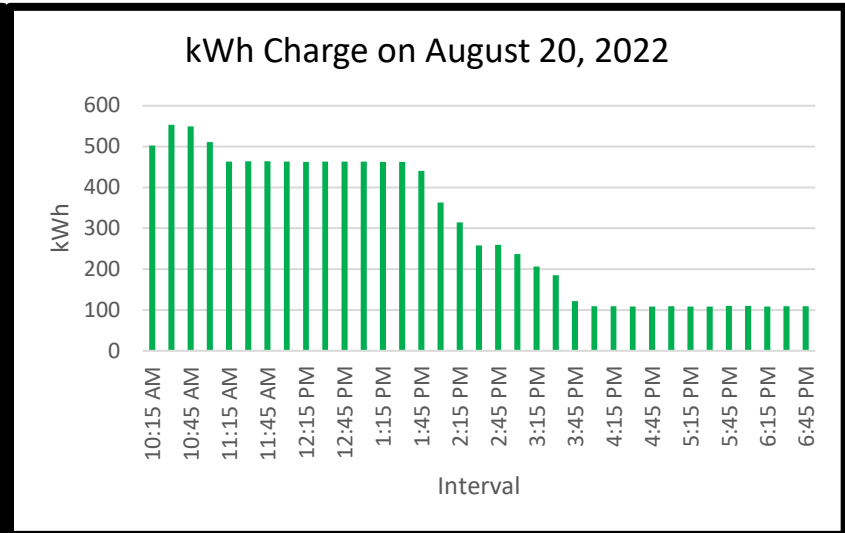
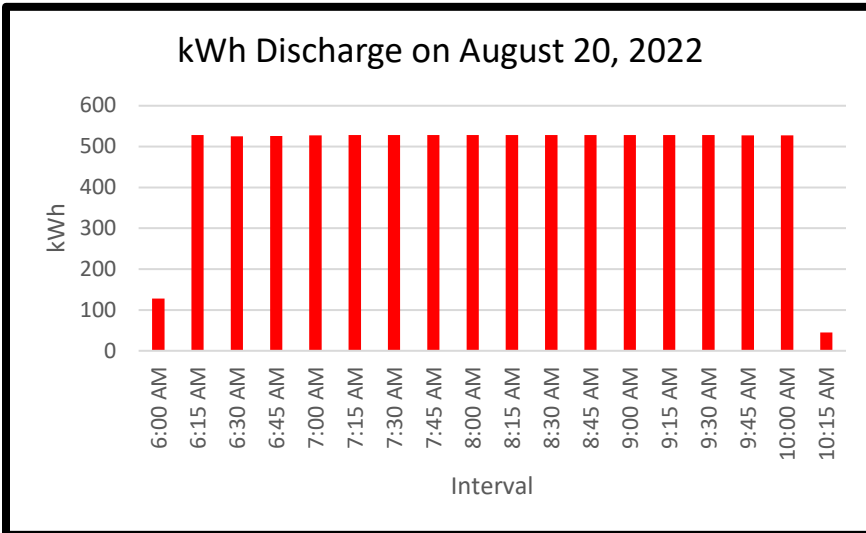
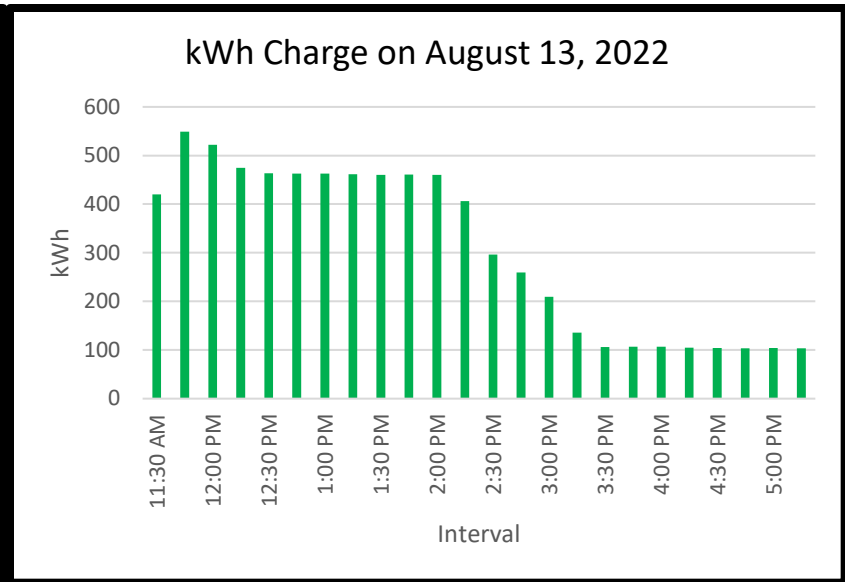
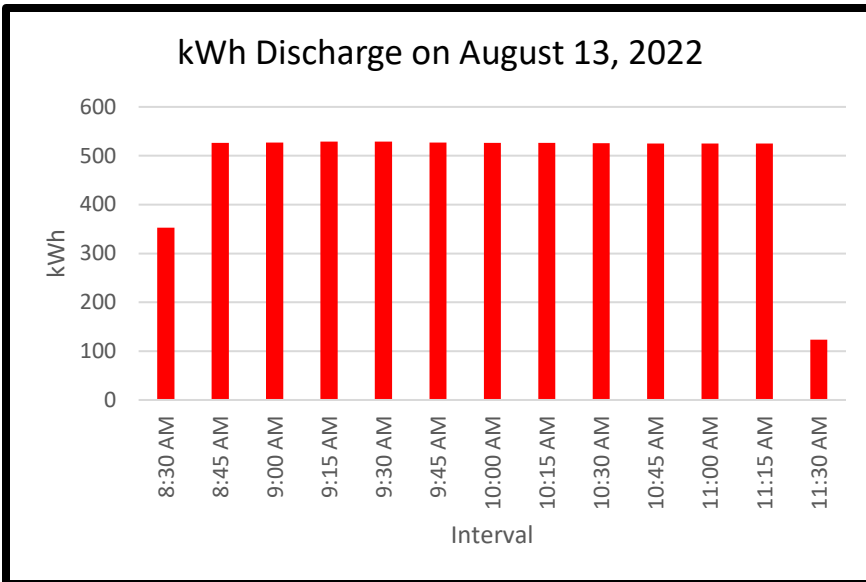
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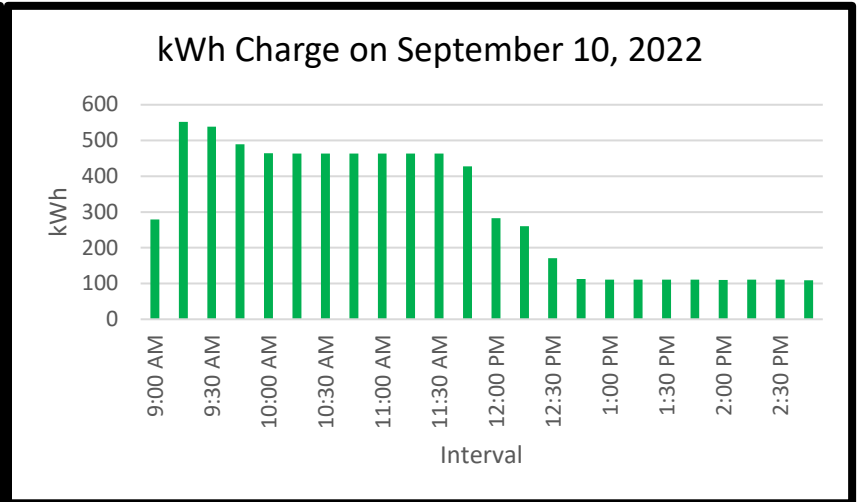
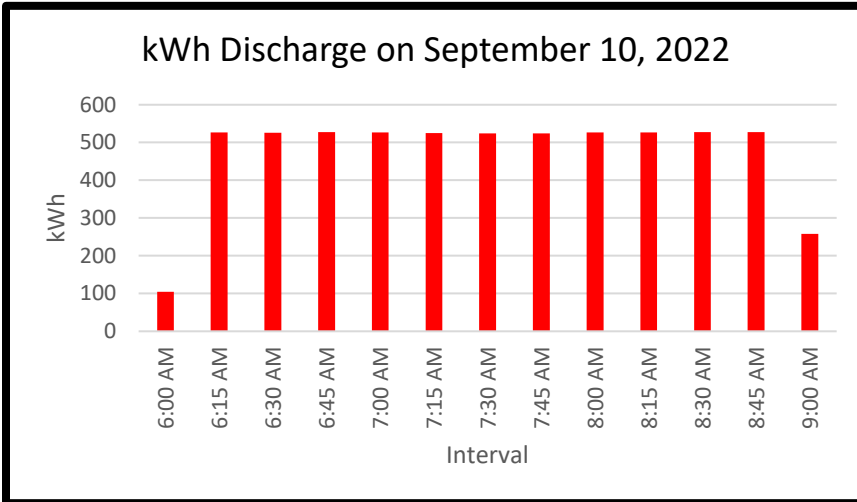
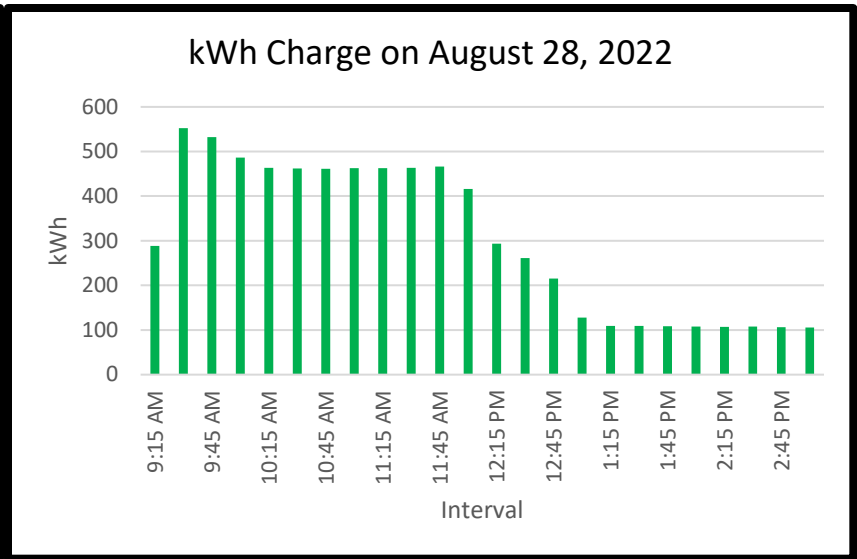
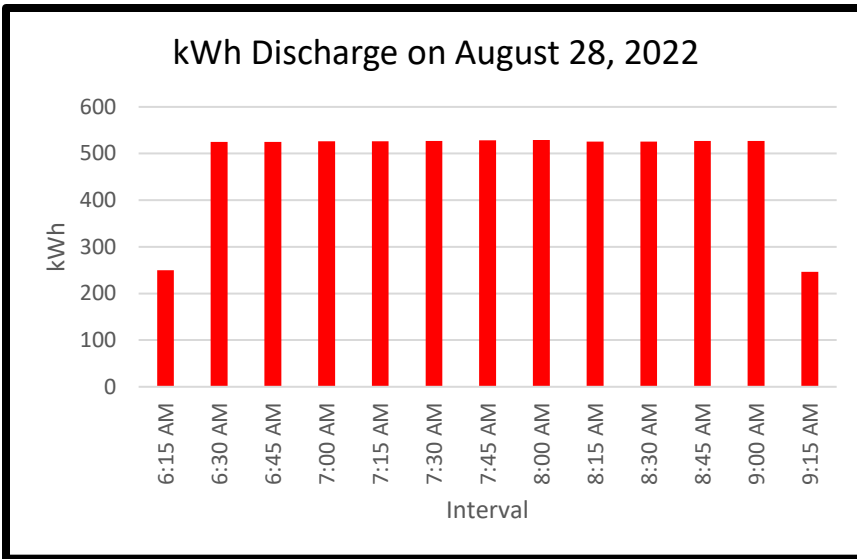
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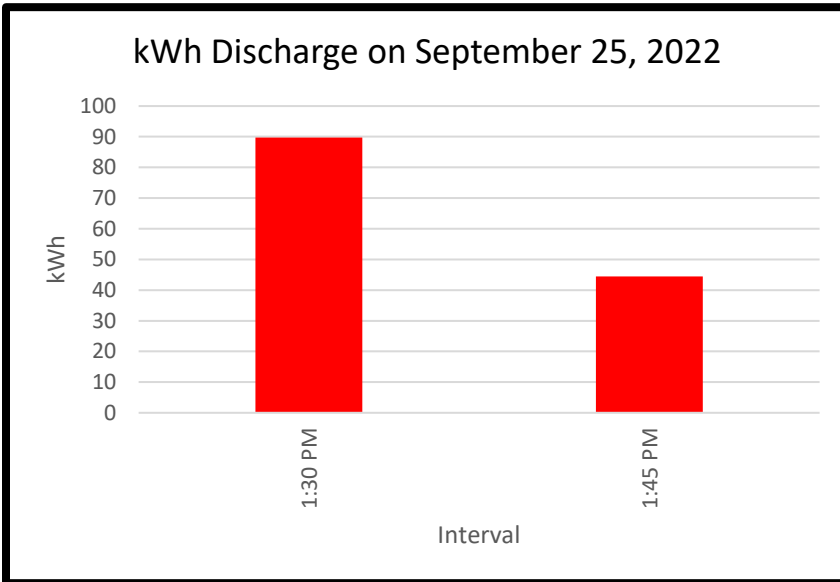
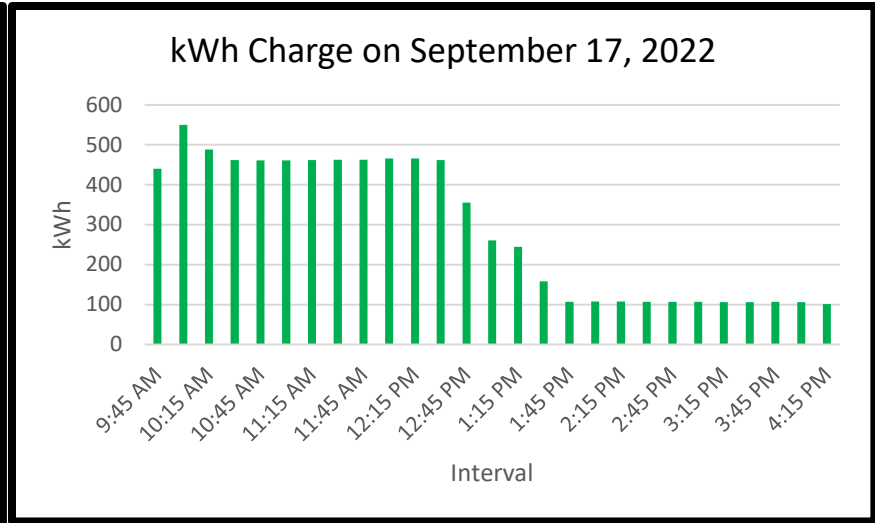
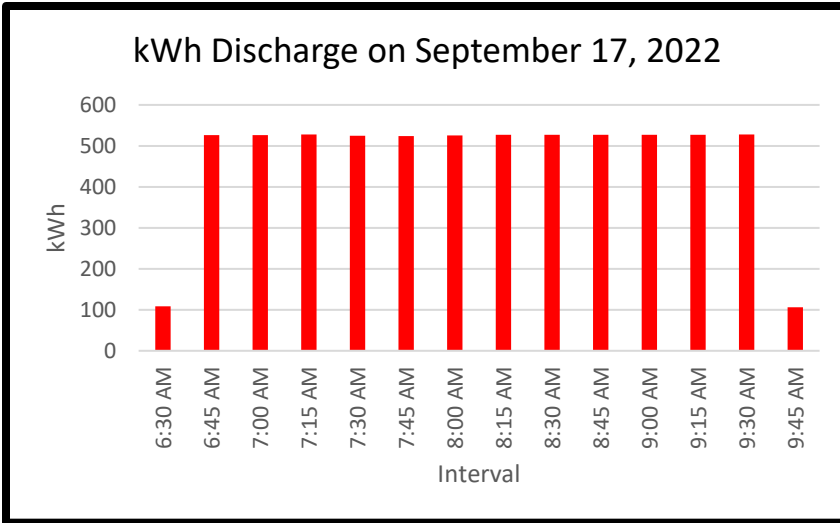
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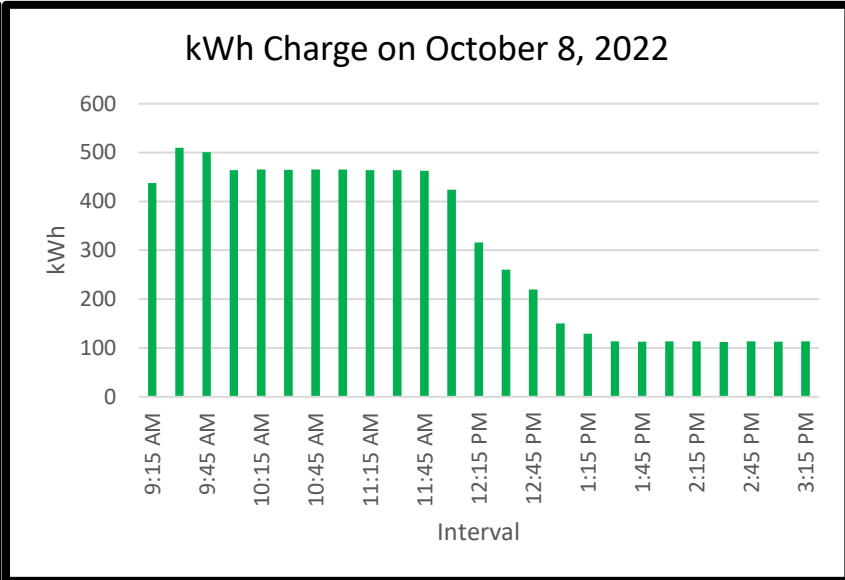
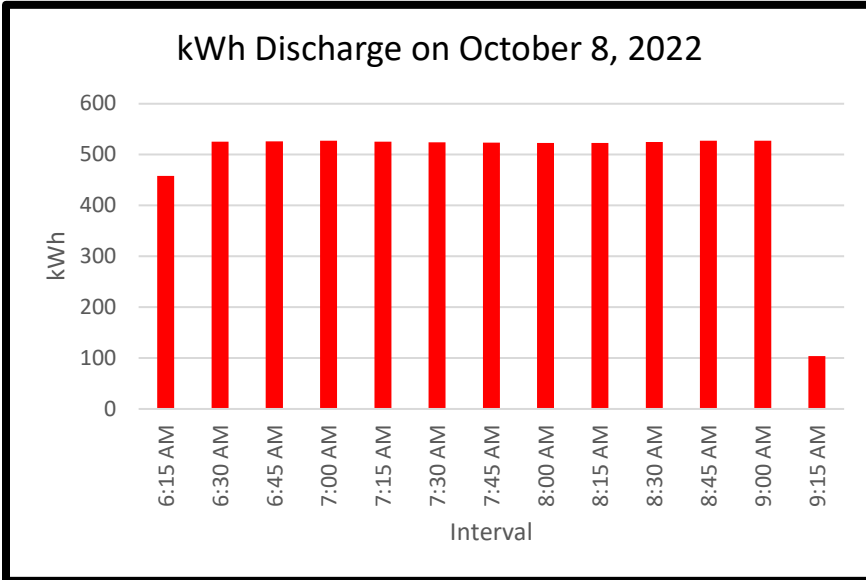
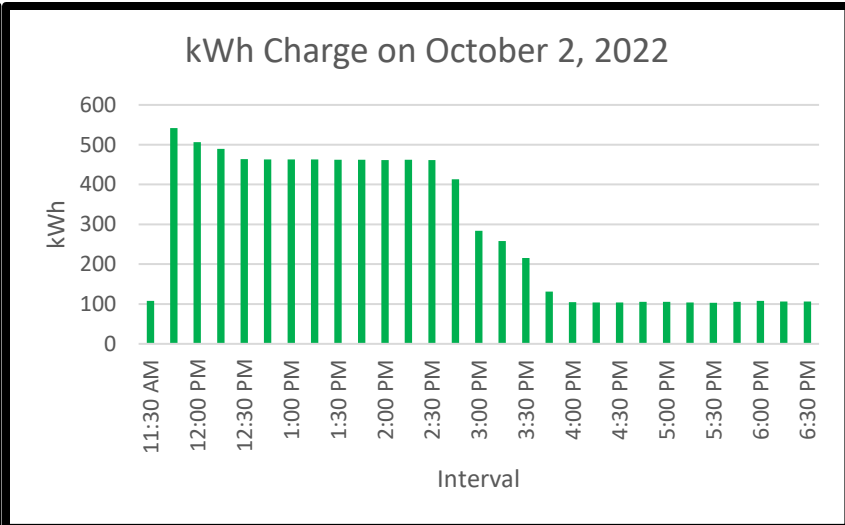
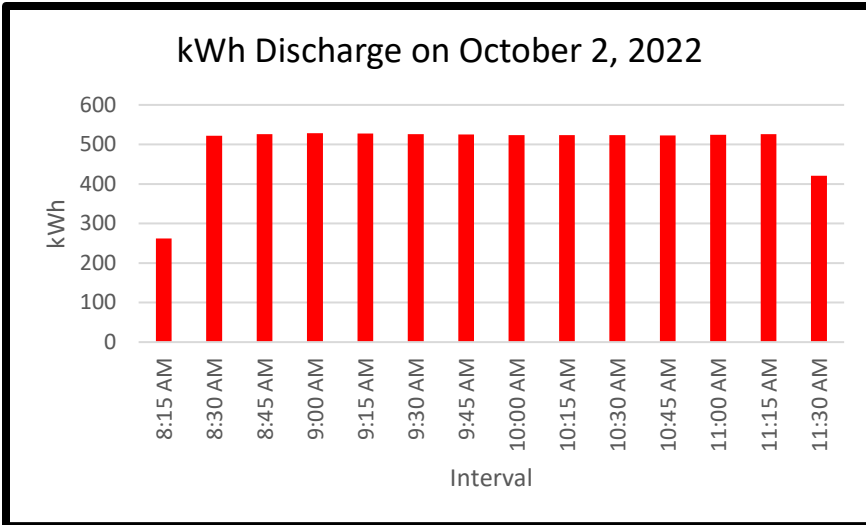
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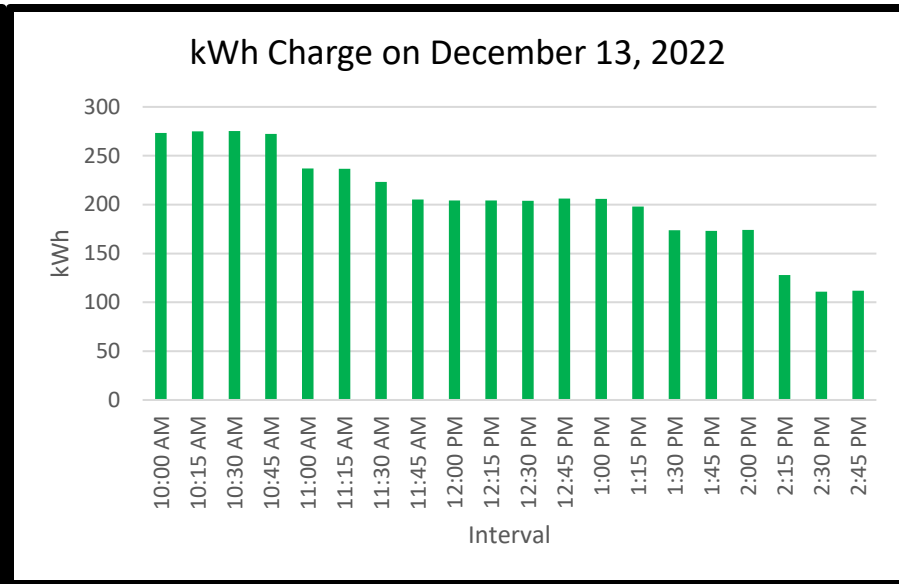
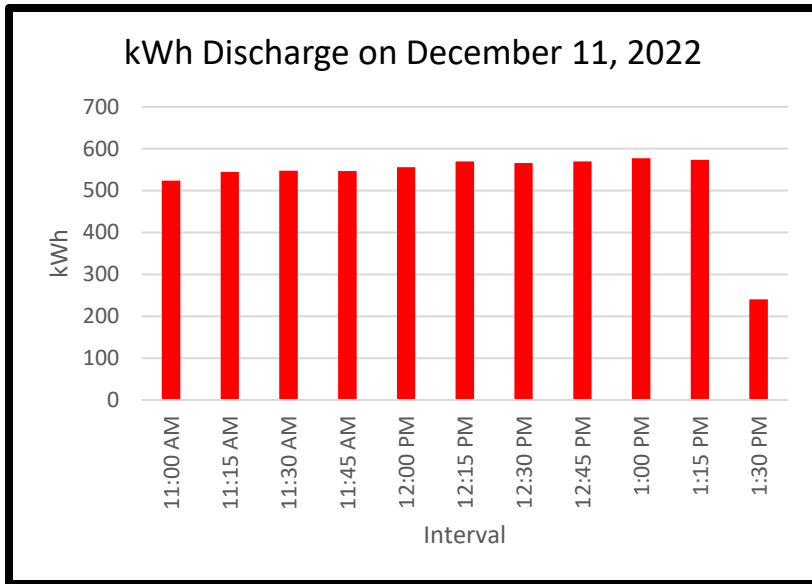
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NOTE:

- 1. There are no graphs for March and November 2022

*Each bar represents one 15-Minute interval