

DATA	Time (hour)	Current (mA)	Power (w)	24-hour Refrigerator energy (kWh)	
				Maximum Power	Time of Maximum Power
27-Jul-25	2:00 PM	571	110.8	111.2	1:00 PM
27-Jul-25	3:00 PM	571	109.3		
27-Jul-25	4:00 PM	560	110.1		
27-Jul-25	5:00 PM	560	110.1		
27-Jul-25	6:00 PM	561	110.6		
27-Jul-25	7:00 PM	559	109.8		
27-Jul-25	8:00 PM	558	109.7		
27-Jul-25	9:00 PM	556	110.3		
27-Jul-25	10:00 PM	560	110		
27-Jul-25	11:00 PM	562	110.5		
28-Jul-25	12:00 AM	555	110.2		
28-Jul-25	1:00 AM	556	110.3		
28-Jul-25	2:00 AM	553	109.7		
28-Jul-25	3:00 AM	550	109.5		
28-Jul-25	4:00 AM	554	109.7		
28-Jul-25	5:00 AM	550	109.8		
28-Jul-25	6:00 AM	552	109.4		
28-Jul-25	7:00 AM	550	108.7		
28-Jul-25	8:00 AM	550	107.8		
28-Jul-25	9:00 AM	549	106.8		
28-Jul-25	10:00 AM	549	106		
28-Jul-25	11:00 AM	565	108.9		
28-Jul-25	12:00 PM	564	110.4		
28-Jul-25	1:00 PM	561	111.2		

data using the BSD48 smart plug:

Voltage (V)	Energy (KWh)	Total Energy (Cumulative)	Maximum Energy
220.7	0.05	0.05	0.65
218.8	0.11	0.16	
227.6	0.11	0.27	
230.5	0.11	0.38	
233.6	0.11	0.49	
229.7	0.11	0.6	
235.3	0.11	0.71	
239	0.11	0.82	
239	0.11	0.93	
236.2	0.11	1.04	
236.7	0	1.04	
238.5	0	1.04	
240.3	0	1.04	
240.8	0	1.04	
240.3	0	1.04	
244.1	0	1.04	
244.6	0.65	1.69	
241.7	0	1.69	
238	0	1.69	
231.8	0	1.69	
227.6	0.43	2.12	
221.1	0.11	2.23	
225.5	0.11	2.34	
232.3	0.11	2.45	

ime of Maximum Energy
6:00 AM