

BACKGROUND







RAMPING UP









HOME PERFORMANCE WITH ENERGY STAR

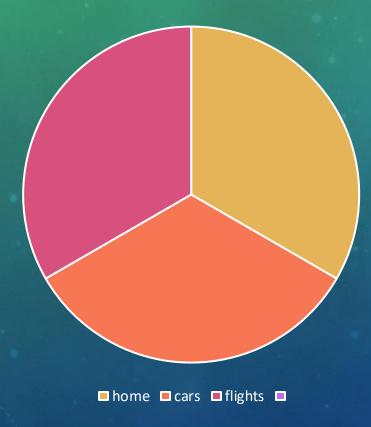






FIRST STEPS

2007 emissions – 35 tons



2024 emissions – 17 tons





Your carbon footprint is the equivalent of planting 400 urban trees.

VEHICLE >

12,056 lbs CO2e

PUBLIC TRANSIT

0 lbs CO2e

TRAVEL

17,259 lbs CO2e

HOME ENERGY

5,071 lbs CO2e

Your total carbon footprint

34,386 lbs CO2e

CAR – 2012 TESLA MODEL S

Free Tesla charging for life

85 kWh RWD, single motor

255 mi range new230 mi range now

134,000 miles

replaced motor replaced door handles fixed suspension

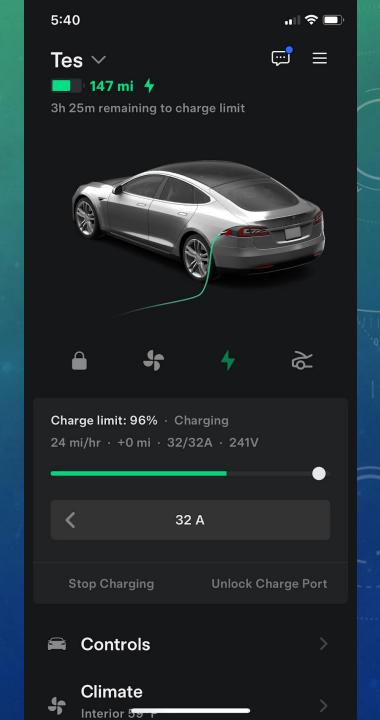


HOME CAR CHARGING

NEMA 14-50 plug







HOME – OWN 8 KW SOLAR ARRAY





17.9 ft 15.4 ft 21.1 ft 27.6 ft

8.00 kW DC PV SYSTEM

Opp ID #114517

3 Waldron Dr Martinsville, NJ 08836

Manufacturer	Model	Quantity
Hanwha Q-cells	Q.PEAK DUO-G5 320	25
SolarEdge Technologies Inc.	P320	25
SolarEdge Technologies Inc.	SE7600H-US	1

Array Information

Array Modules Tilt Azimuth
1 25 20 107

System Specifications

320W Modules 14' Rails Attachments Splices

ESE ORIENTATION

\$ FOR EFFICIENCY MADE IN US/KOREA

Q.PEAK DUO BLK-G5

300-320

ENDURING HIGH PERFORMANCE



Phone:1-866-767-4436 | Fax: 504-275-1209

Web: www.posigen.com

819 Central Ave, Suite 210, Jefferson, LA 70121

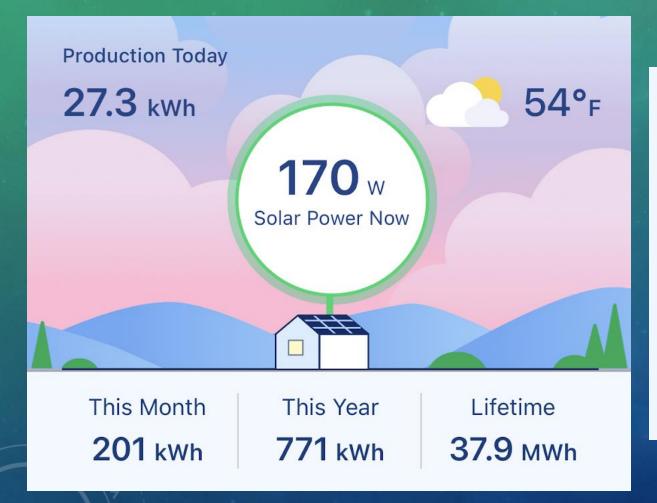








SOLAR PERFORMANCE (APP)



Environmental Benefits

CO2 Emission Saved

60,955.5 lb

Equivalent Trees Planted

461

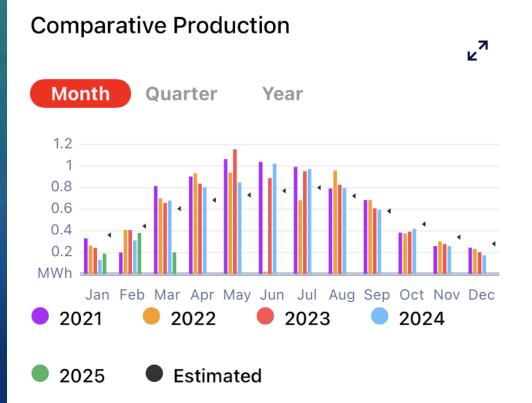




MARCH 9











100% heating performance down to 5° F with guaranteed heating down to -13° F.

Mitsubishi Hyper-Heat H2i cold climate

4 ton (undersized)
ducted
electric resistance backup
69°F

√ PERFORMANCE

Cooling Capacity up to 42,000 BTU

Heating Capacity up to 54,000 BTU

SEER 15-20 (depends on the indoor unit)

EER: 10.3-13 (depends on the indoor unit)

HSPF: 9.8-11.6 (depends on the indoor unit)

Heating Minimum Temp: -13 F

Cooling Minimum Temp 0 F (with wind baffle)

Room Cooling/Heating Capacity up to 2,000 sq ft

√ PERFORMANCE

Cooling Capacity 42,000 BTU

Heating Capacity up to 48,000 BTU

Airflow Rate, CFM 1040-1262-1485

Room Cooling/Heating Capacity up to 2000 sq ft



Details of your gas charges

Your rate: Residential Service Gas-Heating - RSG (HTG)

Meter # 4257102	Usage	
Actual reading Feb 21, 2025	3681	
Less Actual reading Jan 23, 2025	3671	
Difference	10	
Converted to CCF x 1.012	10.120	
Converted to therms x 1.034	10.464	
Total gas you used in 29 days	10.464	therms

Delivery charges

Monthly service charge		\$10.00
Charges for delivering gas to you:		
For the First	7.325 therms x \$0.622526	\$4.56
For the Next	3.139 therms x \$0.624403	\$1.96
Balancing Charge	10.237 therms x \$0.100615	\$1.03

Total gas delivery charges \$17.55

Supply charges

Cost of gas supplied by PSE&G:

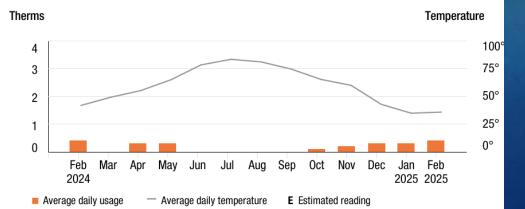
	10.464	therms x \$0.325	879	\$3.41
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Total gas supply charges	\$3.41

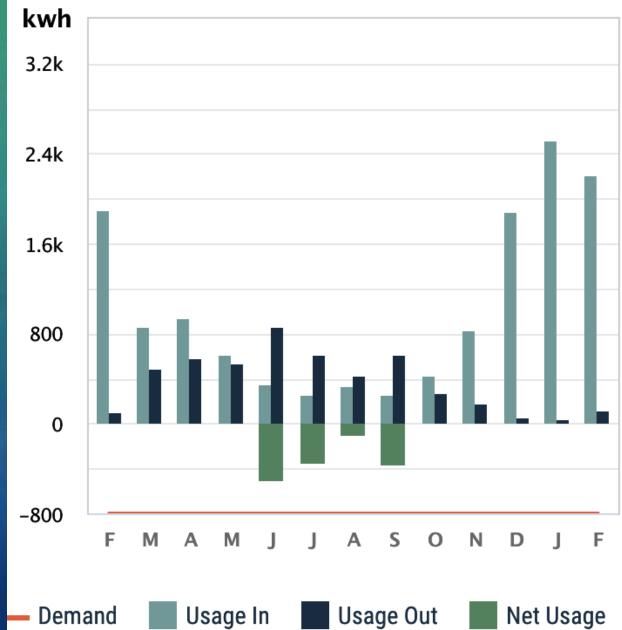


\$20.96

How much gas are you using?



Monthly Usage - Meter #302904777



Net Metering Program

	kWh delivered	kWh delivered			
	to you	to PSE&G	Difference	kWh billed	Cumulative
Date	(IN)	(OUT)	(NET)	to vou	kWh
Apr 24	930	578	352	352	0
May 24	608	538	70	70	0
Jun 24	348	860	-512	0	-512
Jul 24	247	603	-356	0	-868
Aug 24	327	431	-104	0	-972
Sep 24	250	615	-365	0	-1,337
Oct 24	0	0	0	0	0
Oct 24	427	274	153	0	-1,184
Nov 24	824	179	645	0	-539
Dec 24	1,881	53	1,828	1,289	0
Jan 25	2,521	34	2,487	2,487	0
Feb 25	2,199	112	2,087	2,087	0

75ºF?

69ºF

<= smart meter installed

FEBRUARY ELECTRIC BILL

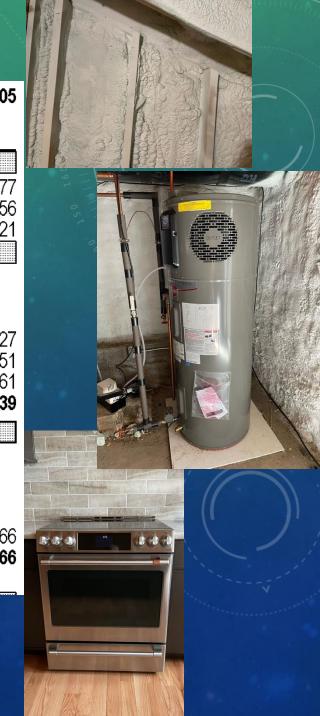
Delivery charges		
Monthly service charge		\$6.00
Charges for delivering electric	c to you:	
kWh charges		
For the first	406 kWh x \$0.062414	\$25.34
For the next	1,008 kWh x \$0.062421	\$62.92
For the next	194 kWh x \$0.062320	\$12.09
For the next	479 kWh x \$0.062338	\$29.86
Total electric delivery c	harges	\$136.21
Supply charges		
Cost of electric supplied by F	PSE&G:	
Charges		
For the first	600 kWh x \$0.149067	\$89.44
For the next	1,487 kWh x \$0.149065	\$221.66
Total electric supply ch	arges	\$311.10
Total electric char	rnas	\$447.31

LAKE HOUSE

all electric!
same heat pump
55ºF
2000 sq ft
better insulated
(not undersized)



Total owed by Feb 28, 2025 As a Checkless customer - Total cha will be deducted from your account of			\$261.05	
Usage Information	for Meter Numb	er 5003091293		
Feb 06, 2025 KWH Reading (Actual Jan 09, 2025 KWH Reading (Actual) KWH used			14,377 13,256 1,121	
Chai	ges From JCP&L	-		
When contacting an Electric General Customer Number: 0804360501 000 Rate: Residential Service JC_RS0	07660318	se provide the follow	ring.	
Customer Charge				
Delivery Service Charges JCP&L LRAM Charge		x 0.049518 x 0.000546	55.51 0.61	
Current Consumption Bill Charges				
Billing Information for Ambit Energy				
	89, Plano, TX 750			
Customer Se Account Number:	rvice: 1-877-282-6 A7128495 Rate:			
Billing Period: Jan 09, 2025 to Feb 06, 2025				
Actual Usage 1,121.00kwh @ 0.1790			200.66	
Total Ambit Energy Current Charges 200.6				
Current Period Adjustments Include	Pjm Lrc, As Define	ed in Your Disclosur	e Stmt.	



LAKE HOUSE

08/07/2024 - 09/08/2024

07/09/2024 - 08/06/2024

06/07/2024 - 07/08/2024

05/08/2024 - 06/06/2024

04/10/2024 - 05/07/2024

03/12/2024 - 04/09/2024

09/13/2024

08/12/2024

07/12/2024

06/12/2024

05/13/2024

04/12/2024

GARAGE

Date	Billing period	Bill amount	Date	Billing period	Bill amount
03/14/2025	02/07/2025 - 03/09/2025	\$238.83	03/14/2025	02/07/2025 - 03/09/2025	\$5.44
02/13/2025	01/09/2025 - 02/06/2025	\$261.05	02/13/2025	01/09/2025 - 02/06/2025	\$5.19
01/14/2025	12/09/2024 - 01/08/2025	\$219.89	01/14/2025	12/09/2024 - 01/08/2025	\$5.44
12/13/2024	11/07/2024 - 12/08/2024	\$91.27	12/13/2024	11/07/2024 - 12/08/2024	\$5.19
11/13/2024	10/08/2024 - 11/06/2024	\$137.16	11/13/2024	10/08/2024 - 11/06/2024	\$50.28
10/11/2024	09/09/2024 - 10/07/2024	\$154.89	10/11/2024	09/11/2024 - 10/07/2024	\$90.86

\$169.97

\$233.56

\$214.65

\$143.30

\$57.89

\$126.33

09/13/2024

08/13/2024

07/12/2024

06/12/2024

05/14/2024

04/12/2024

08/09/2024 - 09/10/2024

07/10/2024 - 08/08/2024

06/08/2024 - 07/09/2024

05/10/2024 - 06/07/2024

04/10/2024 - 05/09/2024

03/12/2024 - 04/09/2024

\$203.60

\$24.79

\$108.79

\$36.12

-\$0.01

-\$9.95

BUYING CARBON REMOVALS – 15 AND 17 TONS



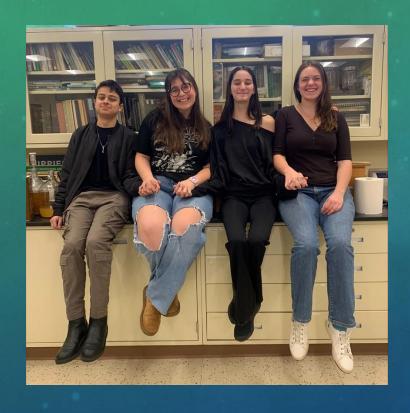
O Patch Carboneers India Biochar

Providing local farmers with the technology and training to create carbon-sink biochar





RVCC REMOVALS - 21 TONS (1%) AND 43 TONS (2%)



O Patch







"THE BEST PART OF MY UNIVERSITY EXPERIENCE" PLEASE SPONSOR OR DONATE!



Including: Stanford & Purdue (US), Imperial College (UK), EPFL (Switzerland), Indian Institute of Technology (India), UNSW (Australia), Atilim (Turkey), UofC (Canada), Democritus (Greece), UCAB (Venezuela), Copenhagen (Denmark), Thammasat (Thailand), UDS (Ghana), CUP (China), BHOS (Azerbaijn, Rabina Simkhada (Nepal), Suez (Egypt), NAU (Mexico)... to name just a few!

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The OpenAir Carbon Removal Challenge is a worldwide challenge for students to create new processes, approaches and prototypes to remove carbon from the land, waters, or air. Student teams will design and build creative solutions to the carbon pollution problem. The very best approaches will be selected as finalists for an inperson showcase at the Carbon Unbound conference in in New York City, in May 2025

CONTACT carbonremovalchallenge@openaircollective.cc to partner or sponsor.

because even a small donation gets us closer to a possible solution

REMOVAL



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