

GHG EMISSIONS: SCOPES 1, 2 & 3

Scope	Category	2020	2021	2022	YOY
1	Total: Facilities (Solar & Natural Gas), Electric Vehicle	0.15 tco2e	0.20 tco2e	0.59 tco2e	195%
2	Total: Purchased Energy	1.50 tco2e	1.99 tco2e	0.22 tco2e	-89%
SCOPE 1 & 2 TOTAL		1.65 tco2e	2.19 tco2e	0.81 tco2e	-63%
3	Purchased goods and services	2.5 tco2e	3.00 tco2e	2.02 tco2e	-33%
3	Capital Goods	0.12 tco2e	0.14 tco2e	0.14 tco2e	0%
3	Upstream transportation & distribution	0.18 tco2e	0.21 tco2e	0.21 tco2e	0%
3	Waste generated in operations	0.40 tco2e	0.40 tco2e	0.40 tco2e	0%
3	Business Travel	0.20 tco2e	0.60 tco2e	1.80 tco2e	200%
3	Employee commuting	0.00 tco2e	0.00 tco2e	0.00 tco2e	0%
SCOPE 3 TOTAL		3.40 tco2e	4.35 tco2e	4.57 tco2e	5%

METHODOLOGY Scope 1 & 2 emissions calculated using 2021-2022 data from National Grid, SunRun, and adjusted using [EPA's greenhouse gas equivalencies calculator](#). All calculations assume 10% of residential square footage dedicated to business use. 1) Calculated using 2021-2022 Scope 3 GHG emissions estimates calculated using Climate Neutral [brand emissions estimator](#) based on 2021-2022 expenses and income statements. The following Scope 3 GHG Protocol categories were excluded due to lack of material relevance to the business: fuel & energy-related activities, upstream leased assets, downstream transportation and distribution, processing of sold products, use of sold products, end-of-life treatment of sold products, downstream leased assets, franchises, and investments.

ADDITIONAL METRICS

In 2022, we installed energy-efficient heat pumps and an EV charging station. Although electricity use increased due to greater demand, our overall emissions decreased due to significant reductions in natural gas usage. Our goals include transitioning completely out of natural gas by 2025.

Footnote	Category	2020	2021	2022	YOY
1	Electricity Use	229 kWh	308 kWh	508 kWh	65%
2	Solar Production	824 kWh	769 kWh*	836 kWh*	5%
3	Natural Gas Use	128 therms	130 therms	111 therms	-14%
4	Landfill	130 lbs	130 lbs	130 lbs	0%
5	Recycling	130 lbs	130 lbs	130 lbs	0%
6	Compost	26 gal	26 gal	26 gal	0%
7	Carbon Intensity	.0030	.0030	.0025	-17%

METHODOLOGIES All calculations assume 10% of residential square footage dedicated to business use. 1) Calculated using 2020-2022 data from National Grid. 2) Calculated using 2020-2022 data from SunRun. *Due to a software error, data from 9/1-12/31/2021 was not available, and kWh were estimated based on 2020-23 data. 3) Calculated using 2020-2022 data from National Grid. 4) Calculated based on weekly pickups from Welsh Sanitation Services. 5) Calculated using 10% of estimates based on weekly pickups from Welsh Sanitation Services. 6) Calculated estimating 10% of 5-gallon compost over 52 weeks. 7) Total annual emissions divided by \$100 of annual revenue.