

ENVIRONMENTAL PERFORMANCE

As part of the 2020 reporting initiative, SL Green evaluated its environmental performance metrics for greenhouse gas emissions and energy, water, and waste consumption. These metrics utilize assessment standards consistent with industry best practices and incorporate information from all SL Green owned and directly operated buildings within the New York City metro area. Greenhouse gas emissions have been calculated per World Resources Institute's (WRI) GHG Protocol. The environmental performance data has been externally assured by a third party.

A total of 24 buildings, representing 18,723,079 square feet, are included in the below portfolio analysis. The reporting boundary is consistent with the reporting boundary for the 2019 analysis. The environmental performance (energy, water, waste, and emissions) of the Portfolio for 2020 has been compared with 2018 and 2019. The methodologies were very similar between these three years in terms of data collection but there were a few differences with scope 3 emissions. As a result of the COVID-19 pandemic, we experienced decreased data availability from our tenants, resulting in a decrease in tenant electric, steam and natural gas consumption included in scope 3 calculations. In addition, the refrigerant emissions were calculated using actual leakage or a minimum of 0.5% per LEED O+M requirements.

2020 Building List:

10 East 53 rd Street	1350 Avenue of the Americas	555 West 57 th Street
100 Church Street	1515 Broadway	625 Madison Avenue
110 East 42 nd Street	2 Herald Square	635 Avenue of the Americas
110 Greene Street	220 E 42 nd Street	641 Avenue of the Americas
100 Park Avenue	304 Park Avenue	711 Third Avenue
11 Madison Avenue	420 Lexington Avenue	750 Third Avenue
1185 Avenue of the Americas	461 Fifth Avenue	810 Seventh Avenue
125 Park Avenue	485 Lexington Avenue	919 Third Avenue

Energy Consumption

The SL Green portfolio has an energy use intensity of 70.95 kBtu/sf between January 1, 2020 and December 31, 2020 as opposed to 87.47 kBtu/sf from 2019. SL Green's portfolio decreased overall energy consumption from 2019 to 2020 by 90,650 MWh. The energy consumed by SL Green properties' base building services from available data between January 1, 2020 and December 31, 2020 was:

Fuels (natural gas, fuel oil)	10,857 MWh
District Services (steam)	143,523 MWh
Electricity	121,222 MWh

The energy consumed by SL Green tenants between January 1, 2020 and December 31, 2020 from available data was:

Fuels (natural gas, fuel oil)	797 MWh
District Services (steam)	2,125 MWh
Electricity	110,801 MWh

The total renewable energy consumed at SL Green properties between January 1, 2020 and December 31, 2020 was:

Renewable Energy Produced On Site	0 MWh
Renewable Energy Produced Off Site	10,928 MWh

GHG Emissions

The daily business operations of organizations in the real estate sector generate direct and indirect GHG emissions. These greenhouse gases are widely acknowledged contributors to climate change. To capture SL Green's carbon footprint from January 1, 2020 until December 31, 2020, the GHG Protocol's GHG calculation methodology was utilized. This report covers SL Green's 2020 location-based emissions and does not cover market-based emissions. The data from 2020 below can be compared to 2018 and 2019 calendar year metrics.

The Scope 1, Scope 2*, and Scope 3 GHG Emissions generated by SL Green properties between January 1, 2020 and December 31, 2020 were:

Scope 1 Emissions (Base building direct energy)	2,560 mtCO _{2e}
Scope 2 Emissions (Base building indirect energy)	63,029 mtCO _{2e}
Scope 3 Emissions (Tenant energy use)	28,491 mtCO _{2e}
Total Combined Scope 1, 2, and 3 Emissions	94,079 mtCO _{2e}
GHG Emissions from Refrigerants (Included in Scope 1)	362 mtCO _{2e}
Greenhouse Gas Emissions Intensity (Scope 1+2)	0.0035 mtCO _{2e} / square foot
Greenhouse Gas Emissions Intensity (Scope 1+2+3)	0.005 mtCO _{2e} / square foot

*The indirect emissions reduction from renewable energy purchases are not reflected in the Scope 2 emissions number reported above. If the 8,090 MWh of renewable energy credits are incorporated, the Scope 2 emissions will be lowered by 2.333 mtCO_{2e}.

Water Conservation

The total water consumed by SL Green properties between January 1, 2020 and December 31, 2020 was:

Total Water Consumption	929,959 M ³
Water Use Intensity	0.0497 M ³ / square foot

Waste Management

The SL Green portfolio has a waste use intensity for ongoing waste of 0.000192 short tons of total non-hazardous waste per square foot, and an e-waste intensity of 0.0000046 short tons of e-waste per square foot. The total waste* from SL Green properties by type between January 1, 2020 and December 31, 2020 were:

Total Weight of Hazardous Waste	87 SHORT TONS
Weight of Landfilled Non-Hazardous Waste	2,317 SHORT TONS
Weight of Recycled Waste	+ 1,283 SHORT TONS
Total Weight of Non-Hazardous Waste	3,600 SHORT TONS

*Waste values for portfolio based on diversion rates determined through waste vendor reports, except for 2 Herald Square which has been excluded from the metrics as it is tenants are responsible for their own waste disposal.

The non-hazardous waste disposal rates from SL Green properties between January 1, 2020 and December 31, 2020 were:

Recycled	35.6 %
Landfilled	64.4 %