

Empire State Realty Trust

Additional 2020 Environment Metrics

Metric	Response
% energy derived from renewable	26%
Total energy derived from renewable (kwh)	40,974,000.00
Energy use at a facility level	See Page 2: Building Breakdown, Column: Total Energy Use
Normalized total electric power use (kwh/SF)	9.466776518
Electric power use at a facility level	See Page 2: Building Breakdown, Column: Electricity Consumption
Amount of electric derived from renewable at a facility level	See Page 2: Building Breakdown, Column: Renewable Energy Credits
Relative and absolute target for reducing energy consumption from non-renewable sources	50% absolute energy reduction from energy efficiency measures by 2035; 2.9% annual site EUI reduction target
Implementation timeline for reducing energy consumption from non-renewable sources	2035
Total water withdrawn (m3)	324,400.82
Water recycled	0
Total hazardous waste generated	0
Non-hazardous waste as a percentage of waste incinerated	0

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Per Asset Building Data 1 of 2

Data Source:	GRESB		REC Certificate from	GRESB		GRESB (Total	Goals and Targets
	Property	Energy Consumption	Green Mountain Energy	Electricity	Normalized Electricity	Relative Target	
Property Name	GFA	2020 (kwh)	Renewable Energy Credits (kwh)	Consumption (kwh)	(kwh)	Site EUI annual reduction target	
Empire State Building	2851447	48987626.99	40974000	27739061.2	9.728064804	2.9% (annual)	
111 West 33rd Street	806417	10054290.47		8469056	10.50208019	2.9% (annual)	
250 West 57th Street	479349	7733330.22		4383975	9.145685085	2.9% (annual)	
One Grand Central Place	1158407	22705340.94		9005041.06	7.773641786	2.9% (annual)	
1333 Broadway	314780	6130581.311		4442931	14.11440053	2.9% (annual)	
1350 Broadway	368974	5494974.225		4326170.005	11.7248641	2.9% (annual)	
1359 Broadway	432310	5852870.987		5189184	12.00338646	2.9% (annual)	
1400 Broadway	818729	15248470		8836102	10.79246246	2.9% (annual)	
501 7th Ave	455058	4438669.63		4202298	9.234642617	2.9% (annual)	
500 Mamaroneck Ave	276076	3585560.891		2311487.62	8.372649633	2.9% (annual)	
10 Bank Street	216948	4774971.17		3234936	14.91111234	2.9% (annual)	
First Stamford Place (campus)	798061	10935700.18		4691234	5.878290005	2.9% (annual)	
Merrittview	235052	1804639.063		914557	3.890870956	2.9% (annual)	
Metro Center	263129	4918938.608		1841961	7.000220424	2.9% (annual)	
10 Union Square	58007	184204		183040	3.155481235	2.9% (annual)	
1542 Third Avenue	56250	1846400		1846400	32.82488889	2.9% (annual)	
1010 Third Avenue	44662	0		0	0	2.9% (annual)	
77 West 55th Street - Retail	25388	0		0	0	2.9% (annual)	
69-97 Main Street	15958	14639		14639	0.917345532	2.9% (annual)	
103-107 Main Street	4330	0		0	0	2.9% (annual)	
Total	9679332	154711207.7	40974000		9.466776518		

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Per Asset Building Data 2 of 2

Data Source:	Goals and Targets	GRESB	GRESB	GRESB	GRESB	GRESB
Property Name	Absolute energy reduction target from energy efficiency measure	Water Withdrawn (m ³)	Water Recycled	Hazardous Waste (Tonne)	Non-Hazardous Waste (Tonne)	Percent Incinerated
Empire State Building	50% (by 2035)	115547.5181	0	0	661.6500092	0
111 West 33rd Street	50% (by 2035)	22007.94401	0	0	182.5400009	0
250 West 57th Street	50% (by 2035)	11663.71223	0	0	52.95000076	0
One Grand Central Place	50% (by 2035)	41372.84949	0	0	239.829998	0
1333 Broadway	50% (by 2035)	13811.26245	0	0	35.70999908	0
1350 Broadway	50% (by 2035)	13399.53539	0	0	87.53000259	0
1359 Broadway	50% (by 2035)	13534.60679	0	0	90.47000122	0
1400 Broadway	50% (by 2035)	27087.33636	0	0	189.909996	0
501 7th Ave	50% (by 2035)	11468.32594	0	0	82.26999855	0
500 Mamaroneck Ave	50% (by 2035)	2070.245208	0	0	69.38000011	0
10 Bank Street	50% (by 2035)	5049.744604	0	0	44.03000021	0
First Stamford Place (campus)	50% (by 2035)	31838.39479	0	0	119.4999981	0
Merrittview	50% (by 2035)	2594.390179	0	0	56.71999931	0
Metro Center	50% (by 2035)	11963.87089	0	0	37.48999977	0
10 Union Square	50% (by 2035)	0	0	0	No Data Available	0
1542 Third Avenue	50% (by 2035)	962.77	0	0	No Data Available	0
1010 Third Avenue	50% (by 2035)	0	0	0	No Data Available	0
77 West 55th Street - Retail	50% (by 2035)	0	0	0	No Data Available	0
69-97 Main Street	50% (by 2035)	28.31	0	0	No Data Available	0
103-107 Main Street	50% (by 2035)	0	0	0	No Data Available	0
Total		324400.8164	0	0	1949.980004	0