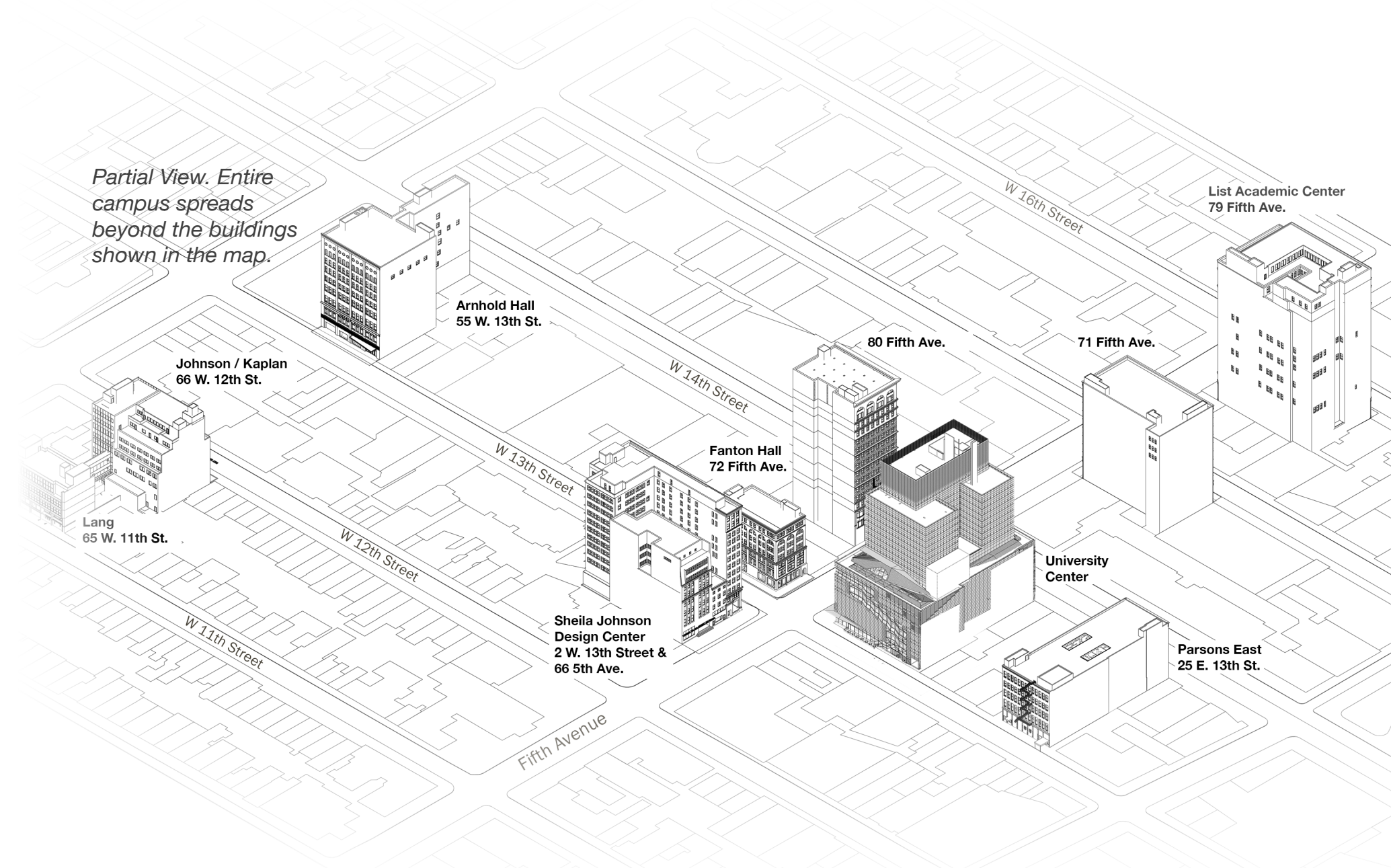


2018 BUILDINGS SUSTAINABILITY REPORT

In alignment with New York City's goals, The New School pledged to reduce its CO₂ emissions by 40% between 2014 and 2030. A number of local initiatives, policies and funding opportunities are helping to propel broad progress, and The New School is dedicating considerable efforts to push this work forward on our own campus. This annual update serves to aid in charting our path forward, and in holding strong our role in sustainability and global environmental advocacy.



INDIVIDUAL BUILDINGS

The New School Campus consists of nearly 1.5M sq.ft. of space spread across a diverse set of buildings in Greenwich Village NYC—ranging in age from new, to over a century old. Below is a map of where and how our campus uses energy, and how that is shifting over time.

2 W. 13TH STREET & 66 5TH AVE
195,123 Sq. Ft.

72 FIFTH AVENUE
42,427

55 W. 13TH STREET
125,116

25 E. 13TH STREET
63,206

66 W. 12TH ST/65 W. 11TH ST
126,418

21 W. 11TH ST.
4,000

UNIVERSITY CENTER
365,000

80 FIFTH AVENUE
45,642

79 FIFTH AVENUE
178,400

151 BANK STREET
19,139

64 W. 11TH STREET
9,615

71 FIFTH AVENUE
11,984

68 FIFTH AVENUE
11,562

113 UNIVERSITY PLACE
4,677

318 E. 15TH STREET
106,852

135 E. 12TH STREET
57,263

300 W. 20TH STREET
45,263

118 W. 13TH STREET
33,244

ELECTRICITY*

2015 2018

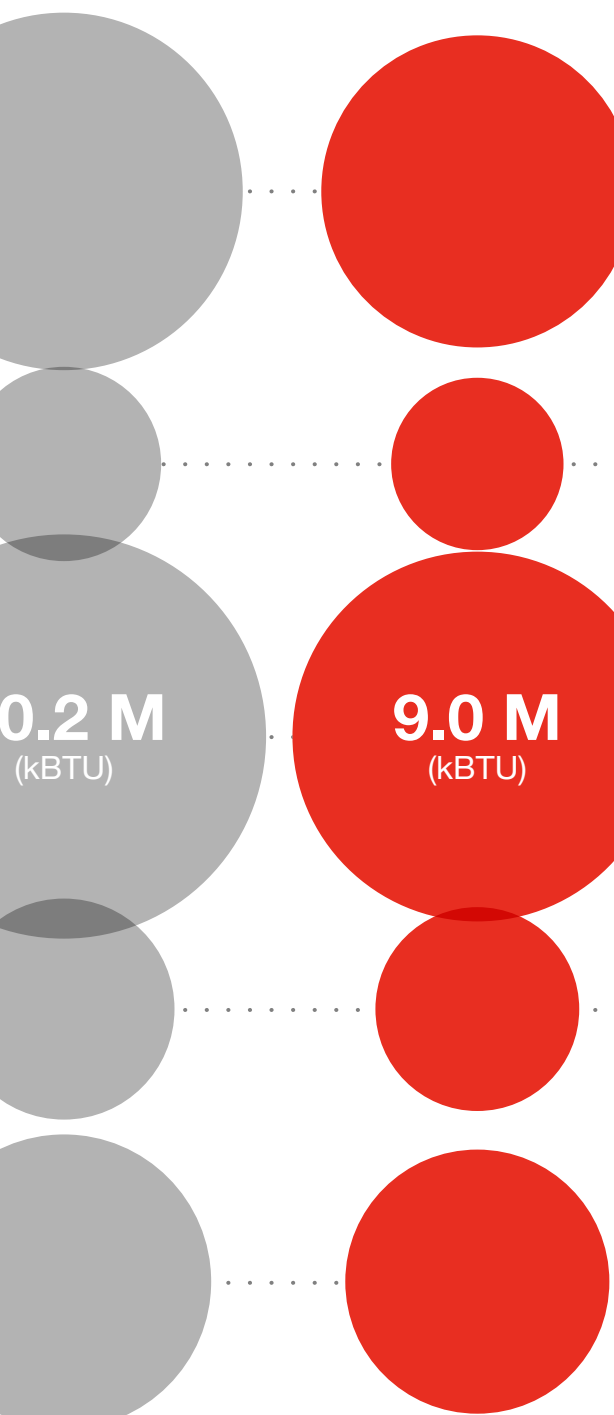
*Energy-use here is noted as the quantity of electricity used on-campus. Upwards of 3x this is used upstream to generate that electricity.

NATURAL GAS

2015 2018

#2 & #4 OIL

2015 2018



21.3% reduction in electricity at 72 5th Ave. (Energy-efficient lighting).

16.3% reduction in electricity through HVAC (Heating, Ventilation, and Air Conditioning) scheduling, and energy-efficient lighting.

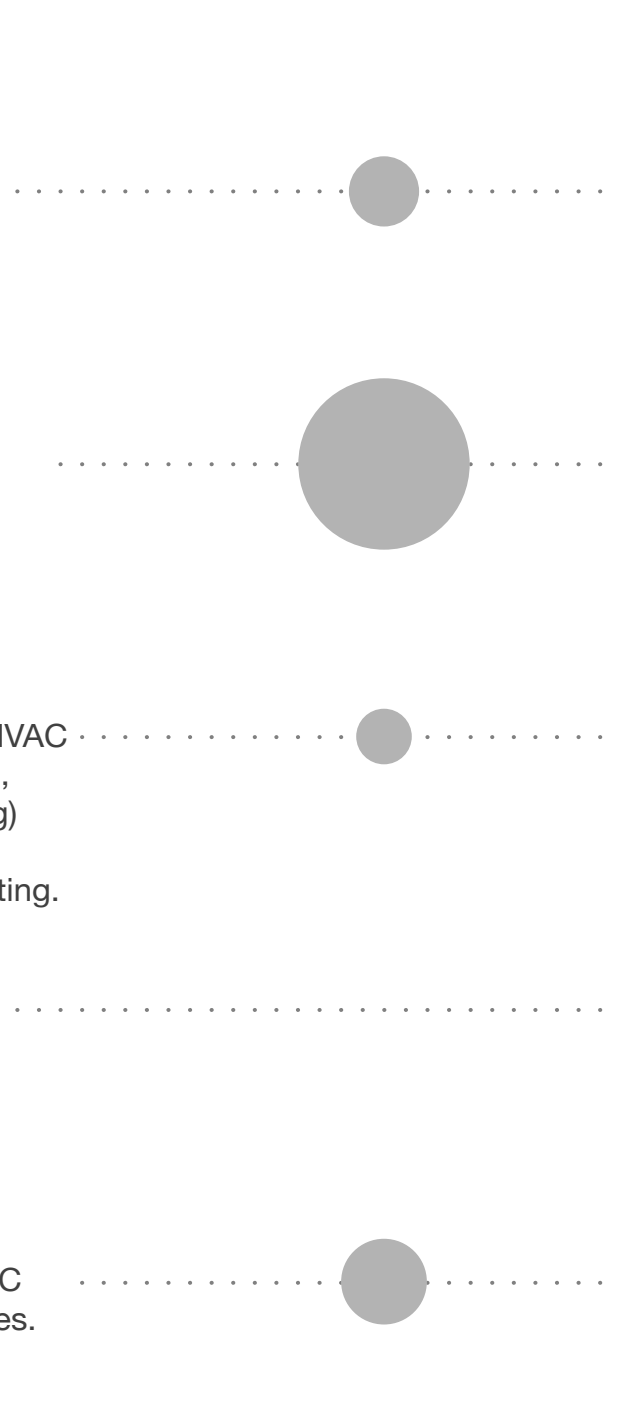
19.5% reduced electricity from HVAC and lighting upgrades.

19.6 M (kBTU) University Center reduces its peak electricity consumption by more than 50% during Demand Response events (periods of high stress on the local grid).

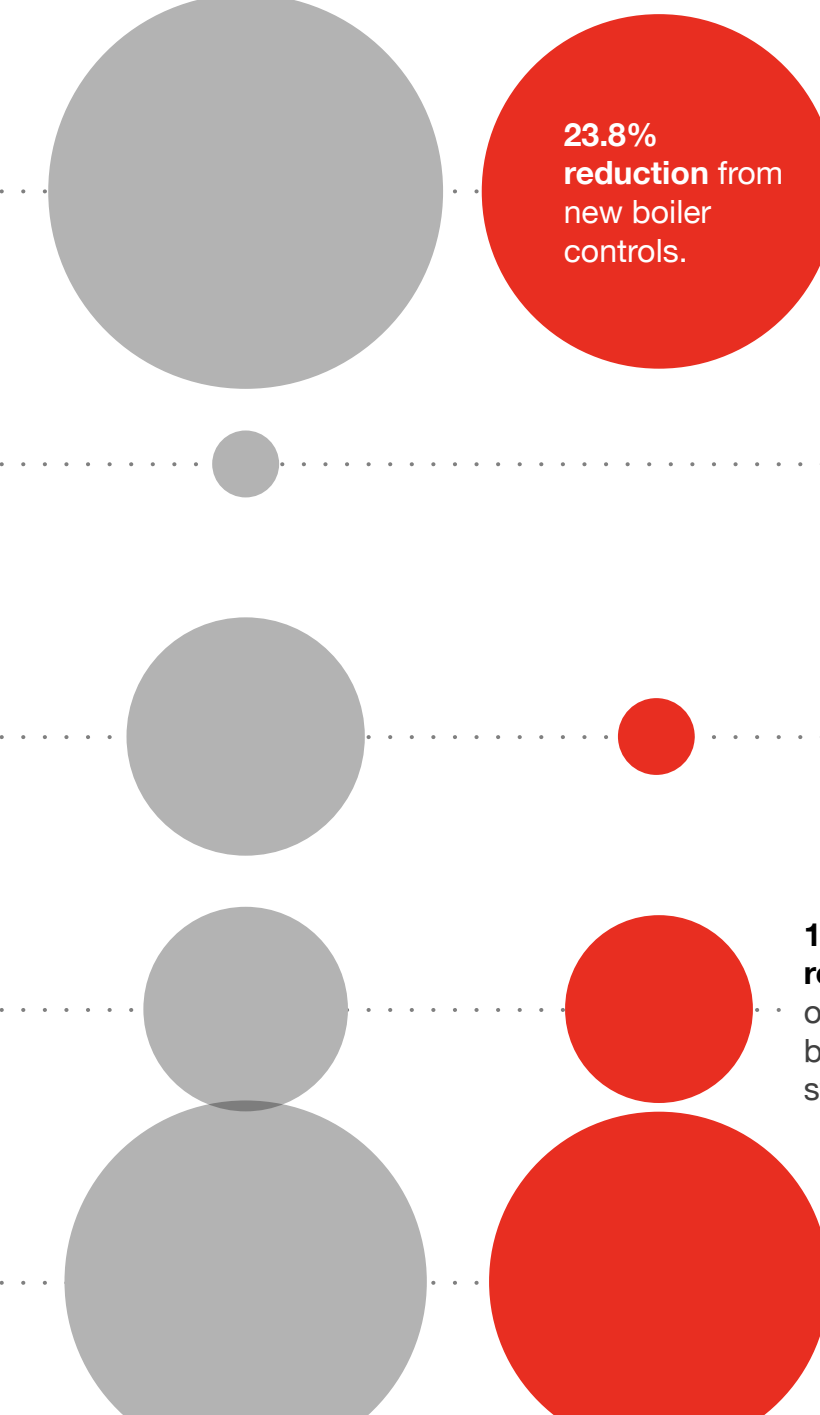
Metering infrastructure will allow real-time energy-monitoring on a per-floor basis.

17.2% reduction in electricity use from LED and occupancy controls.

21.7% reduction in electricity through energy-efficient lighting and equipment commissioning.



18.1 M (kBTU) 41.0% reduction in natural gas, at the expense of a small increase in electricity from CoGeneration Plant-tuning. Combined, this led to a 24.9% decrease in on-site energy use (10.5% lifecycle use).



23.8% reduction from new boiler controls.

15.7% reduction in oil from new boiler-control system.

New steam traps, steam vacuum systems, and oil-metering have reduced consumption by 12.0%.

**The energy for 318 E. 15th St. reflects utility-purchased steam rather than oil-use.

10.3 M** (kBTU) 9.5 M** (kBTU) New metering system tracks steam usage in real-time.

OTHER KPI DATA

In addition to energy use, The New School sets goals and tracks data on other dimensions of sustainability including waste, and water.

WATER (in million gallons)

Water consumption has wide-reaching impacts far beyond its financial costs. Water-use at some locations has been nearly cut in half from the installation of new water-efficient fixtures. Progress is also being made through the use of water-recycling plant at University Center.



WASTE DIVERSION RATE (in %)

Waste Diversion is the proportion of waste we divert from going to a landfill. Diversion has been improved through improved messaging on campus, but ultimately relies heavily on our community-behavior.



2/3

of waste could be diverted simply with better sorting at the waste bin, according to an audit of The New School's waste stream.

CO₂ EMISSIONS (in lb/sf-yr)

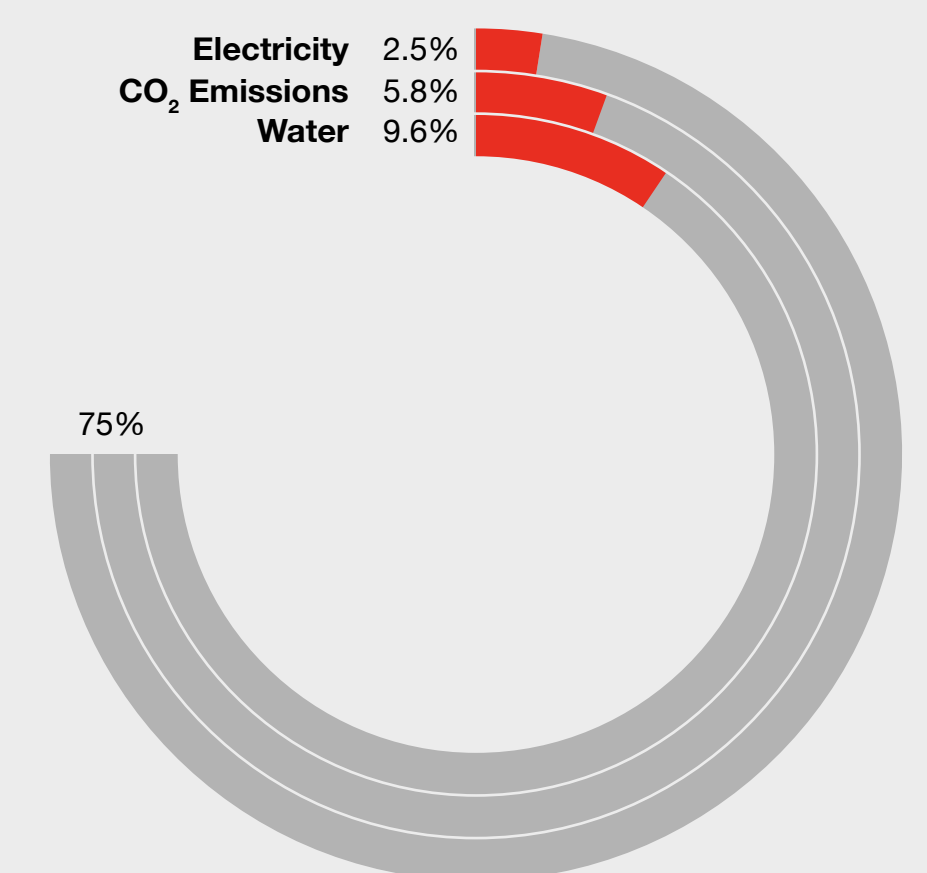


TOTAL CO₂ EMISSIONS (in metric tons)



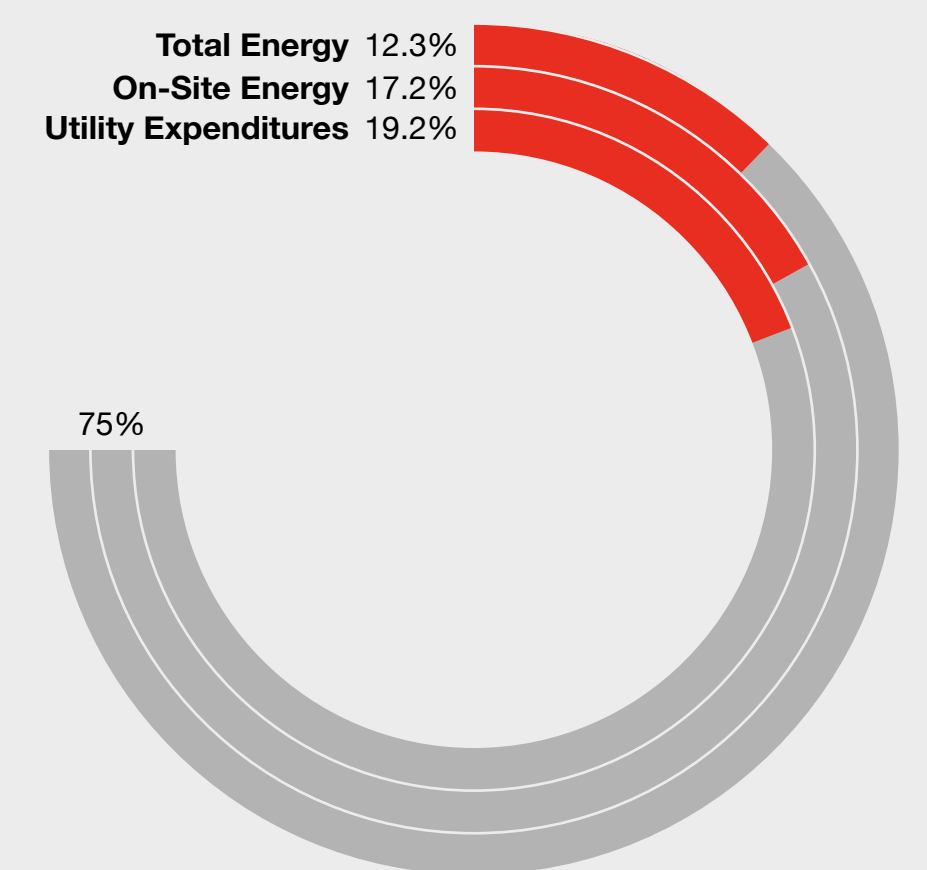
OTHER FACTS

REDUCTION IN 2018 VS. 2017



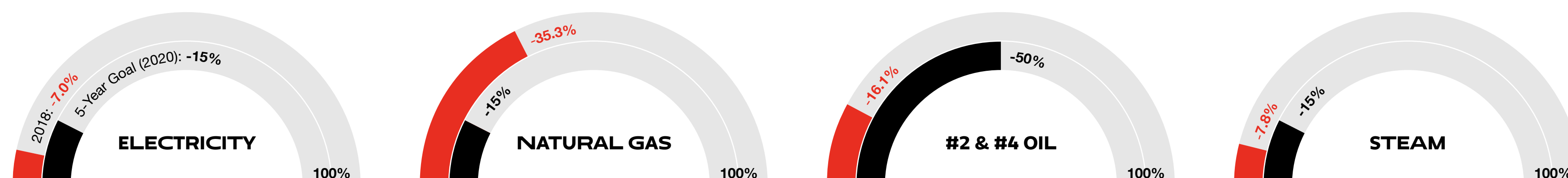
REDUCTION 2018 VS. 2015

Total energy, on-site energy, and utility expenditures have decreased since 2015, due to reductions in natural gas, oil, and electricity consumption.



CAMPUS TOTAL

Significant progress has been made in reducing oil and natural gas, while much remains in reducing electricity-use—the dominant source of operationally-related CO₂ emissions.



UPCOMING PROJECTS IN 2019

- New high-efficiency boiler and chiller at Arnhold Hall
- Lighting upgrades at List Center
- Occupancy-based temperature control in Loeb Hall
- Real-time oil and water metering
- Insulating window film at Johnson/Kaplan Hall