

Campus Decarbonization Plan

BROWN UNIVERSITY

 **2025**
75% REDUCTION

 **2040**
CARBON NEUTRAL

2020

40 MW SOLAR PV

8 MW WIND

THERMAL EFFICIENCY PROJECT

Remove steam and lower
hot water temperature 50%
total carbon reduction

2023

**LIQUID BIOFUEL CONVERSION
OF CENTRAL PLANT**

80-85% scope 1 carbon reduction

2024-2035

BUILDING RENOVATIONS

**LOWER HOT WATER LOOP
TEMPERATURE TO 185°F**

*Continue to evaluate
low carbon technologies

2035-2040

ELECTRICAL UPGRADES

**CONVERT CEP TO AIR SOURCE
HEAT PUMPS (ASHP)**