

**The Pennsylvania State University
University Park Campus
2021/2022**

ENERGY	Boilers, Heaters, Generators	Natural Gas	Scope 1	(MTCO2E)	14,500.76
	Boilers, Heaters, Generators	Fuel Oil 2	Scope 1	(MTCO2E)	28.38
	Boilers, Heaters, Generators	Diesel	Scope 1	(MTCO2E)	148.02
	Boilers, Heaters, Generators	Propane	Scope 1	(MTCO2E)	383.50
	Steam Plants	Coal	Scope 1	(MTCO2E)	-
	Steam Plants	Natural Gas	Scope 1	(MTCO2E)	100,919.60
	Steam Plants	Fuel Oil 2	Scope 1	(MTCO2E)	6.19
	Purchased Electricity	Electric	Scope 2	(MTCO2E)	114,691.26
	Renewables	RECs	Scope 2	(MTCO2E)	(49,500.15)
	Transmission Loss	Electric Loss	Scope 3	(MTCO2E)	5,371.25
TRANSPORTATION	Office of the Physical Plant	Gasoline	Scope 1	(MTCO2E)	1,376.75
	Office of the Physical Plant	Diesel	Scope 1	(MTCO2E)	770.42
	Office of the Physical Plant	Other	Scope 1	(MTCO2E)	1,083.13
	Fleet	Gasoline	Scope 1	(MTCO2E)	2,422.58
	Fleet	Diesel	Scope 1	(MTCO2E)	222.20
	Fleet	Gasoline	Scope 1	(MTCO2E)	219.32
	Fleet	Diesel	Scope 1	(MTCO2E)	615.91
	Commuters	Drivers	Scope 3	(MTCO2E)	24,469.30
	Commuters	Diesel Bus/Vanpools	Scope 3	(MTCO2E)	26.77
	Commuters	CNG Bus	Scope 3	(MTCO2E)	3,478.75
	Air Travel		Scope 3	(MTCO2E)	8,858.00
WASTE	Wastewater		Scope 1	(MTCO2E)	51.36
	ADL Incinerator		Scope 1	(MTCO2E)	50.26
	Compost	tons	Scope 1	(MTCO2E)	(501.95)
	Landfill	CH4 Rec	Scope 3	(MTCO2E)	1,350.27
SYNTHETIC CHEMICALS	Refrigerants		Scope 1	(MTCO2E)	412.00
	Synthetic Fertilizer		Scope 1	(MTCO2E)	889.93
ANIMAL MANAGEMENT	Cattle		Scope 1	(MTCO2E)	2,125.02
	Poultry		Scope 1	(MTCO2E)	28.55
	Other (Horse, Swine, Sheep)		Scope 1	(MTCO2E)	313.51
LAND MANAGEMENT	Forest Acquired	Forest Age	Scope 1	(MTCO2E)	-
	Forest Lost	Forest Age	Scope 1	(MTCO2E)	-
TOTAL					234,810.90