

MODULE	Summary					
WORKSHEET	Overview of Annual Emissions					
UNIVERSITY	Carnegie Mellon University					
Select Year -->	2013	Energy Consumption	CO ₂	CH ₄	N ₂ O	eCO ₂
		MMBtu	kg	kg	kg	Metric Tonnes
Scope 1	Co-gen Electricity	-	-	-	-	-
	Co-gen Steam	-	-	-	-	-
	Other On-Campus Stationary	558,008.0	29,585,584.2	2,644.4	52.9	29,667.5
	Direct Transportation	9,135.9	662,452.9	92.8	33.0	674.6
	Refrigerants & Chemicals	-	-	-	-	555.1
	Agriculture	-	-	-	-	-
Scope 2	Purchased Electricity	847,078.4	66,383,235.1	812.1	200.2	66,463.2
	Purchased Steam / Chilled Water	-	-	-	-	-
Scope 3	Faculty / Staff Commuting	9,116.4	674,220.5	37.3	16.9	680.2
	Student Commuting	-	-	-	-	-
	Directly Financed Air Travel	281,583.6	54,917,244.8	544.4	625.7	55,117.3
	Other Directly Financed Travel	-	-	-	-	-
	Study Abroad Air Travel	-	-	-	-	-
	Student Travel to/from Home (OPTIONAL)	-	-	-	-	-
	Solid Waste	-	-	(3,748.8)	-	(93.7)
	Wastewater	-	-	-	-	-
	Paper	-	-	-	-	411.0
	Scope 2 T&D Losses	55,797.7	4,372,717.9	53.5	13.2	4,378.0
Offsets	Additional					(691.5)
	Non-Additional					(65,960.2)
Totals	Scope 1	567,143.9	30,248,037.1	2,737.2	85.9	30,897.2
	Scope 2	847,078.4	66,383,235.1	812.1	200.2	66,463.2
	Scope 3	346,497.7	59,964,183.2	(3,113.6)	655.8	60,492.8
	All Scopes	1,760,720.0	156,595,455.4	435.7	941.9	157,853.2
	All Offsets					(66,651.6)
					Net Emissions:	91,201.6



