

MODULE	Summary					
WORKSHEET	Overview of Annual Emissions					
UNIVERSITY	Carnegie Mellon University					
Select Year -->	2012	Energy Consumption	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	eCO <sub>2</sub>
		MMBtu	kg	kg	kg	Metric Tonnes
<b>Scope 1</b>	Co-gen Electricity	-	-	-	-	-
	Co-gen Steam	-	-	-	-	-
	Other On-Campus Stationary	483,598.0	25,640,366.0	2,551.0	51.0	25,719.3
	Direct Transportation	7,996.5	577,363.6	91.6	31.9	589.2
	Refrigerants & Chemicals	-	-	-	-	445.7
	Agriculture	-	-	-	-	-
<b>Scope 2</b>	Purchased Electricity	883,923.6	81,290,128.4	805.9	198.7	81,369.5
	Purchased Steam / Chilled Water	-	-	-	-	-
<b>Scope 3</b>	Faculty / Staff Commuting	93,466.4	6,679,994.0	1,357.4	456.0	6,849.8
	Student Commuting	6,048.4	433,850.1	81.2	27.6	444.1
	Directly Financed Air Travel	112,015.7	22,655,538.9	216.6	248.9	22,735.1
	Other Directly Financed Travel	-	-	-	-	-
	Study Abroad Air Travel	-	-	-	-	-
	Solid Waste	-	-	(3,880.8)	-	(97.0)
	Wastewater	-	-	-	-	-
	Paper	-	-	-	-	411.0
	Scope 2 T&D Losses	87,421.0	8,039,683.0	79.7	19.6	8,047.5
<b>Offsets</b>	Additional					(166.9)
	Non-Additional					(81,369.5)
<b>Totals</b>	Scope 1	491,594.5	26,217,729.6	2,642.5	82.9	26,754.2
	Scope 2	883,923.6	81,290,128.4	805.9	198.7	81,369.5
	Scope 3	298,951.5	37,809,066.0	(2,145.9)	752.1	38,390.6
	All Scopes	1,674,469.6	145,316,924.0	1,302.6	1,033.7	146,514.3
	All Offsets					(81,536.4)
						<b>Net Emissions:</b>



