

MODULE	Summary					
WORKSHEET	Overview of Annual Emissions					
UNIVERSITY	Carnegie Mellon University					
Select Year -->	2011	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	585,211.0	30,873,239.9	3,087.0	61.7	30,968.8
	Direct Transportation	-	-	-	-	-
	Refrigerants & Chemicals	-	-	-	-	-
	Agriculture	-	-	-	-	-
<b>Scope 2</b>	Purchased Electricity	892,997.1	81,477,350.9	561.9	1,066.0	81,809.1
	Purchased Steam / Chilled Water	-	-	-	-	-
<b>Scope 3</b>	Faculty / Staff Commuting	102,357.8	7,184,999.6	1,402.1	484.1	7,364.3
	Student Commuting	2,051.2	143,969.2	28.2	9.7	147.6
	Directly Financed Air Travel	191,082.8	37,516,707.7	369.4	424.6	37,652.5
	Other Directly Financed Travel	-	-	-	-	-
	Study Abroad Air Travel	-	-	-	-	-
	Solid Waste	-	-	21,581.0	-	539.5
	Wastewater	-	-	-	-	-
	Paper	-	-	-	-	395.5
	Scope 2 T&D Losses	88,318.4	8,058,199.5	55.6	105.4	8,091.0
	<b>Offsets</b>	Additional				
Non-Additional						(81,809.1)
<b>Totals</b>	Scope 1	585,211.0	30,873,239.9	3,087.0	61.7	30,968.8
	Scope 2	892,997.1	81,477,350.9	561.9	1,066.0	81,809.1
	Scope 3	383,810.2	52,903,876.1	23,436.2	1,023.9	54,190.4
	All Scopes	1,862,018.3	165,254,466.9	27,085.1	2,151.7	166,968.3
	All Offsets					(81,984.5)
						<b>Net Emissions:</b>



