

University of North Carolina at Chapel Hill Greenhouse Gas Inven

	2007	2008	2009	2010	2011	2012	2013	2014
Fleet	2,427	2,369	2,188	2,130	2,223	2,200	2,129	2,019
Cogen	274,661	306,801	259,429	286,273	252,115	208,546	220,810	248,704
Manning	63	3,616	11,193	8,651	12,997	19,157	8,195	6,633
Building Boilers	-	-	-	1,218	1,146	1,118	1,142	1,197
Black Start Generators	547	48	33	485	56	29	31	118
Emergency Generators	101	119	137	176	127	117	34	207
Campus Natural Gas and Propane	5,042	5,876	6,147	4,326	5,088	4,577	5,332	5,746
Refrigerants & Chemicals	10,400	23,358	11,842	10,130	9,577	7,824	9,037	10,851
Fertilizer & Animals	31	27	22	23	23	23	23	23
Scope 1	293,272	342,214	290,992	313,412	283,353	243,592	246,734	275,497
Purchased Electricity	158,578	143,568	142,657	141,245	139,050	131,288	126,948	139,050
Scope 2	158,578	143,568	142,657	141,245	139,050	131,288	126,948	139,050
Directly Financed Air Travel	62,213	64,656	61,273	60,113	54,858	55,035	53,825	52,693
AHEC	393	377	325	379	459	672	721	398
Reimbursed Ground Travel	1,470	1,352	1,417	1,691	1,738	1,864	2,002	2,781
Study Abroad Air Travel	7,813	7,567	7,186	5,888	6,010	5,403	5,335	5,391
Faculty Commuting	5,382	5,532	5,238	5,237	6,269	6,243	4,977	5,003
Staff Commuting	15,381	15,817	14,850	14,520	16,643	16,397	12,754	12,938
Student Commuting	7,757	7,755	7,149	7,176	6,600	6,541	7,119	6,654
Chapel Hill Transit	3,958	4,033	3,963	4,331	4,019	4,018	4,018	4,048
Solid Waste	19,722	19,819	18,151	18,563	(199)	(191)	(210)	(198)
Wastewater	243	189	196	199	181	199	190	216
Food	5,227	5,227	5,227	5,227	5,385	5,209	5,209	6,573
Paper Purchasing	613	518	636	611	1,305	638	578	589
T&D Losses	15,684	14,199	14,109	8,730	8,594	13,255	12,817	7,272
Upstream NG	3,374	2,267	3,541	2,522	3,875	6,646	4,888	2,931
Scope 3	149,229	149,308	143,261	135,185	115,737	121,931	114,223	107,288
Total (MTCO_{2e})	601,080	635,089	576,910	589,842	538,140	496,811	487,904	521,835

Inventory				
2015	2016	2017	2018	2019
1,808	2,236	1,966	1,991	1,925
265,470	236,592	257,128	244,520	210,618
2,499	11,858	2,629	3,731	16,270
900	968	937	823	780
227	109	78	355	71
143	141	116	502	498
5,409	4,671	4,690	4,345	5,059
13,113	10,559	9,651	8,320	11,203
19	22	20	17	17
289,587	267,157	277,217	264,603	246,442
114,271	110,702	99,901	101,876	101,506
114,271	110,702	99,901	101,876	101,506
58,496	53,595	56,931	57,483	58,285
323	306	306	266	279
2,765	2,891	2,965	3,863	3,879
5,877	5,929	6,071	6,646	6,981
5,899	6,016	5,714	5,822	6,906
15,009	15,290	14,726	14,809	18,003
9,375	9,685	7,745	8,284	10,620
4,035	4,007	3,813	3,919	3,786
(193)	(199)	(190)	(197)	(200)
192	188	195	214	203
5,353	4,857	4,607	4,475	5,340
593	558	554	465	434
5,976	5,204	4,696	5,229	5,210
3,649	5,770	5,106	5,006	6,234
117,351	114,096	113,241	116,284	125,959
521,209	491,955	490,359	482,763	473,906