																			-1-		a book						
id	vear	name	total utility \$	total energy \$	total btu	kwh	kwh \$	ng therms	na \$	2oil gals	2oil \$	6 oil gals	6oil \$	propane	propane \$	coal tons	coal \$	wood	wood \$ lb		m \$ tons	chw S	kgal water	water sewer	asf	construction	renovated asf
60005010	2002-03	Western Carolina University	\$3,075,813			34,665,600	\$1,604,515		\$111.053	47.971	\$51,114		\$888.599	22,026	\$21.038	0	\$0	10113	\$0	0	\$0	0 \$/	122,056	\$399,494	50.	ysi n	yai
60005010	2002-03	Western Carolina University	\$3,300,828			37,039,200	\$1,747,534	1,606,150		,,,	\$52,606		\$153,188	28,620	\$28,452	0	\$0	0	90	0	80	0 0	115,711	\$344,006		0	
60005010	2003-04	Western Carolina University	\$3,798,840			41,841,570	\$2,013,292	1,444,806	\$930,264	55,712	\$82,939		\$360.080	21,798	\$21,855	0	\$0	0	\$0	0	\$0	0 9	130,967	\$390,410	2,734,121	85,586	
60005010	2005-06	Western Carolina University	\$4,385,079			43,963,200	\$2,013,232	448,967	\$720,873	33,921	\$64,917		\$1,016,520	25,237	\$31.875	0	\$0	0	\$0	0	\$0	0 9	119,712		2,734,121	14,655	
60005010	2006-07	Western Carolina University	\$4,404,131			42,259,200	\$2,324,088	1.764.777		32,634	\$62,224		\$210,093	28,146	\$35,421	0	\$0	0	\$0	0	\$0	0 9	115,745			14,000	
60005010	2007-08	Western Carolina University	\$4,878,278			41,697,600	\$2,371,908		\$2,051,162		\$83,838		\$5,062	23,854	\$43,353	0	\$0	0	\$0	0	\$0	0 %	112,705			0	
60005010	2008-09	Western Carolina University	\$4,406,505			40,987,200	\$2,319,880		\$1,617,667	36,156	\$65,565		\$79,370	87.7	\$203	0	\$0	0	\$0	0	\$0	0 %	104,458		2,863,949	0	
60005010	2009-10	Western Carolina University	\$4,187,337	\$3,883,525		44,678,400	\$2,605,660		\$1,017,007	26,260	\$85,506		\$10,682	30,096	\$46,977	0	\$0	0	\$0	0	\$0	0 9	95,260	\$303,812		0	
60005010	2010-11	Western Carolina University	\$4,175,587			44,860,800	\$2,575,271		\$1,118,459	45,110	\$128,022		\$10,002	26,455	\$50,129	0	\$0	0	\$0	0	\$0	0 %	96,188	\$303,706		0	
60005010		Western Carolina University	\$4,293,145			45,643,200	\$2,771,168		\$1,002,984	39,509	\$131,259		\$0	24,713	\$50,123	0	\$0	0	\$0	0	\$0	0 \$6	0 105,121	\$337.541	2,954,814	0	
60005010	2012-13	Western Carolina University	\$4,333,509			44,414,400	\$2.811.271	1,944,331		23,359	\$82,008		\$0	28,161	\$44,733	0	\$0	0	\$0	0	\$0	0 \$6	97,328			0	1
60005010	2013-14	Western Carolina University	\$0	\$0	0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0 \$6	0 0	\$0	0	0	1
60005010	2014-15	Western Carolina University	\$0	\$0	0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0 \$0	0 0	so so	0	0	-
60005010	2015-16	Western Carolina University	\$0	\$0	0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0 \$0	0	so so	0	0	
60005010	2016-14	Western Carolina University	\$0		0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0 \$0	0 0	so so	0	0	-
60005010	2017-18	Western Carolina University	\$0	\$0	0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0 \$0	0	so so	0	0	
60005010	2018-19	Western Carolina University	\$0		0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0 \$0	0 0	so so	0	0	-
60005010	2019-20	Western Carolina University	\$0		0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0 \$0	0 0	\$0	0	0	
	energy evaluation						water/	sewer evalua	ation								_										
			energy \$			\$/mmbtu		btu/sf	water \$		\$/kgal		gal/sf														
			avoided	energy \$/gsf	\$/mmbtu	%change	btu/sf	%change	avoided	\$/kgal	%change		%change														
60005010	2002-03	Western Carolina University	1	\$1.14	\$6.36	_	178 603			\$3.27		51.82															

60005010	2002-03	Western Carolina University
60005010	2003-04	Western Carolina University
60005010	2004-05	Western Carolina University
60005010	2005-06	Western Carolina University
60005010	2006-07	Western Carolina University
60005010	2007-08	Western Carolina University
60005010	2008-09	Western Carolina University
60005010	2009-10	Western Carolina University
60005010	2010-11	Western Carolina University
60005010	2011-12	Western Carolina University
60005010	2012-13	Western Carolina University
60005010	2013-14	Western Carolina University
60005010	2014-15	Western Carolina University
60005010	2015-16	Western Carolina University
60005010	2016-14	Western Carolina University
60005010	2017-18	Western Carolina University
60005010	2018-19	Western Carolina University
60005010	2019-20	Western Carolina University

		energy evalu	water/sewer evaluation							
energy \$		chergy craid	water \$	wator	\$/kgal	11011	gal/sf			
avoided	energy \$/gsf	\$/mmbtu	%change	btu/sf	%change	avoided	\$/kgal	%change	gal/sf	%change
	\$1.14	\$6.36		178,603			\$3.27		51.82	
\$910,204	\$1.26	\$9.19	44%	136,564	-24%	\$18,864	\$2.97	-9%	49.13	-5%
\$1,277,351	\$1.25	\$9.60	51%	129,915	-27%	\$31,951	\$2.98	-9%	47.90	-8%
\$2,191,110	\$1.49	\$12.81	101%	116,027	-35%	\$59,161	\$2.69	-18%	43.78	-16%
\$1,843,858	\$1.43	\$11.66	83%	123,007	-31%	\$88,592	\$2.80	-14%	40.71	-21%
\$1,872,202	\$1.63	\$12.90	103%	126,579	-29%	\$91,452	\$2.87	-12%	40.39	-22%
\$1,848,358	\$1.43	\$11.60	82%	122,943	-31%	\$136,261	\$3.10	-5%	36.47	-30%
\$1,972,725	\$1.39	\$11.71	84%	118,439	-34%	\$158,778	\$3.19	-3%	34.03	-34%
\$1,807,292	\$1.33	\$10.92	72%	121,766	-32%	\$172,633	\$3.16	-4%	33.04	-36%
\$2,117,160	\$1.34	\$11.51	81%	116,336	-35%	\$154,130	\$3.21	-2%	35.58	-31%
\$2,320,034	\$1.30	\$11.44	80%	113,328	-37%	\$199,646	\$3.14	-4%	31.34	-40%
\$0	\$0.00	\$0.00	0%	0	0%	\$0	\$0.00	0%	0.00	0%
\$0	\$0.00	\$0.00	0%	0	0%	\$0	\$0.00	0%	0.00	0%
\$0	\$0.00	\$0.00	0%	0	0%	\$0	\$0.00	0%	0.00	0%
\$0	\$0.00	\$0.00	0%	0	0%	\$0	\$0.00	0%	0.00	0%
\$0	\$0.00	\$0.00	0%	0	0%	\$0	\$0.00	0%	0.00	0%
\$0	\$0.00	\$0.00	0%	0	0%	\$0	\$0.00	0%	0.00	0%
\$0	\$0.00	\$0.00	0%	0	0%	\$0	\$0.00	0%	0.00	0%

60005010	2002-03	Western Carolina University
60005010	2003-04	Western Carolina University
60005010	2004-05	Western Carolina University
60005010	2005-06	Western Carolina University
60005010	2006-07	Western Carolina University
60005010	2007-08	Western Carolina University
60005010	2008-09	Western Carolina University
60005010	2009-10	Western Carolina University
60005010	2010-11	Western Carolina University
60005010	2011-12	Western Carolina University
60005010	2012-13	Western Carolina University
60005010	2013-14	Western Carolina University
60005010	2014-15	Western Carolina University
60005010	2015-16	Western Carolina University
60005010	2016-14	Western Carolina University
60005010	2017-18	Western Carolina University
60005010	2018-19	Western Carolina University

			\$/kwh	\$/therm	2 oil \$/gal	6 oil \$/gal	propane\$/gal	coal \$/ton	wood \$/ton	steam \$/mlb	chw \$/ton
60005010	2002-03	Western Carolina University	\$0.0463	\$0.077	\$1.07	\$0.89	\$0.96	\$0.00	\$0.00	\$0.00	\$0.00
60005010	2003-04	Western Carolina University	\$0.0472	\$0.607	\$1.16	\$0.89	\$0.99	\$0.00	\$0.00	\$0.00	\$0.00
60005010	2004-05	Western Carolina University	\$0.0481	\$0.644	\$1.49	\$0.93	\$1.00	\$0.00	\$0.00	\$0.00	\$0.00
60005010	2005-06	Western Carolina University	\$0.0507	\$1.606	\$1.91	\$1.32	\$1.26	\$0.00	\$0.00	\$0.00	\$0.00
60005010	2006-07	Western Carolina University	\$0.0550	\$0.820	\$1.91	\$1.43	\$1.26	\$0.00	\$0.00	\$0.00	\$0.00
60005010	2007-08	Western Carolina University	\$0.0569	\$1.004	\$3.00	\$1.43	\$1.82	\$0.00	\$0.00	\$0.00	\$0.00
60005010	2008-09	Western Carolina University	\$0.0566	\$0.798	\$1.81	\$2.70	\$2.32	\$0.00	\$0.00	\$0.00	\$0.00
60005010	2009-10	Western Carolina University	\$0.0583	\$0.661	\$3.26	\$1.42	\$1.56	\$0.00	\$0.00	\$0.00	\$0.00
60005010	2010-11	Western Carolina University	\$0.0574	\$0.582	\$2.84	\$0.00	\$1.89	\$0.00	\$0.00	\$0.00	\$0.00
60005010	2011-12	Western Carolina University	\$0.0607	\$0.556	\$3.32	\$0.00	\$2.03	\$0.00	\$0.00	\$0.00	\$0.00
60005010	2012-13	Western Carolina University	\$0.0633	\$0.561	\$3.51	\$0.00	\$1.59	\$0.00	\$0.00	\$0.00	\$0.00
60005010	2013-14	Western Carolina University	\$0.0000	\$0.000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
60005010	2014-15	Western Carolina University	\$0.0000	\$0.000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
60005010	2015-16	Western Carolina University	\$0.0000	\$0.000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
60005010	2016-14	Western Carolina University	\$0.0000	\$0.000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
60005010	2017-18	Western Carolina University	\$0.0000	\$0.000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
60005010	2018-19	Western Carolina University	\$0.0000	\$0.000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
60005010	2019-20	Western Carolina University	\$0.0000	\$0.000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

60005010	2002-03	Western Carolina University	
60005010	2003-04	Western Carolina University	
60005010	2004-05	Western Carolina University	
60005010	2005-06	Western Carolina University	
60005010	2006-07	Western Carolina University	
60005010	2007-08	Western Carolina University	
60005010	2008-09	Western Carolina University	
60005010	2009-10	Western Carolina University	
60005010	2010-11	Western Carolina University	
60005010	2011-12	Western Carolina University	
60005010	2012-13	Western Carolina University	
60005010	2013-14	Western Carolina University	
60005010	2014-15	Western Carolina University	
60005010	2015-16	Western Carolina University	
60005010	2016-14	Western Carolina University	
60005010	2017-18	Western Carolina University	
60005010	2018-19	Western Carolina University	
60005010	2019-20	Western Carolina University	

		Cost p	er Therm (100,00	00 Btu) all Energy So	urces			
\$1.36	\$0.08	\$0.76	\$0.59	\$1.04	\$0.00	\$0.00	\$0.00	\$0.00
\$1.38	\$0.61	\$0.83	\$0.59	\$1.08	\$0.00	\$0.00	\$0.00	\$0.00
\$1.41	\$0.64	\$1.06	\$0.62	\$1.09	\$0.00	\$0.00	\$0.00	\$0.00
\$1.49	\$1.61	\$1.37	\$0.88	\$1.37	\$0.00	\$0.00	\$0.00	\$0.00
\$1.61	\$0.82	\$1.36	\$0.95	\$1.37	\$0.00	\$0.00	\$0.00	\$0.00
\$1.67	\$1.00	\$2.15	\$0.95	\$1.98	\$0.00	\$0.00	\$0.00	\$0.00
\$1.66	\$0.80	\$1.30	\$1.80	\$2.52	\$0.00	\$0.00	\$0.00	\$0.00
\$1.71	\$0.66	\$2.33	\$0.95	\$1.70	\$0.00	\$0.00	\$0.00	\$0.00
\$1.68	\$0.58	\$2.03	\$0.00	\$2.06	\$0.00	\$0.00	\$0.00	\$0.00
\$1.78	\$0.56	\$2.37	\$0.00	\$2.21	\$0.00	\$0.00	\$0.00	\$0.00
\$1.86	\$0.56	\$2.51	\$0.00	\$1.73	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00