

UNC School of the Arts

Utilities at a Glance



UNC CSA

UNC School of the Arts Utilities

Metric	Baseline 2005-2006	Current 2010-2011	% change
Gross square feet	952,641	999,061	5%
Btu per square foot per year	128,586	109,999	-14%
Cost per million Btu	\$ 14.85	\$ 14.33	-3%
Total Avoided Cost		\$994,331.52	
Electric consumption in kWh	19,278,086	16,017,699	-17%
Electric Cost	\$ 1,072,102	\$ 1,042,040	-3%
Natural Gas consumption in Therms	566,683	543,220	-4%
Natural Gas Cost	\$ 745,661	\$ 511,583	-31%
#2 Fuel oil gallons	372	6,645	1686%
#2 Fuel oil cost	\$ 744	\$ 21,368	2772%
#6 Fuel oil gallons	0	0	%
#6 Fuel oil cost	\$ -	\$ -	%
Propane gallons	0	0	%
Propane cost	\$ -	\$ -	%
Steam thousands of pounds	0	0	%
Steam cost	\$ -	\$ -	%
Chilled Water tons	0	0	%
Chilled Water cost	\$ -	\$ -	%
Water thousands of gallons	18,187	16,525	-9%
Water & Sewer cost	\$ 76,164	\$ 87,642	15%

UNC School of the Arts

Year End Utility Comparison

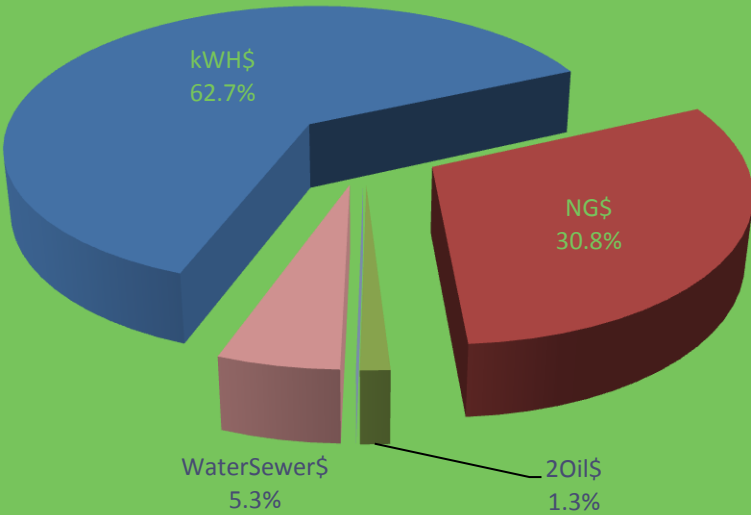


UNCSA

UNC School of the Arts Utilities Summary 2010-2011

kWH\$	NG\$	2Oil\$	6Oil\$	Propane\$	Steam\$	CHW\$	Wtr Sewer\$	Total Utility \$
\$ 1,042,040	\$ 511,583	\$ 21,368	\$ -	\$ -	\$ -	\$ -	\$ 87,642	\$ 1,662,633

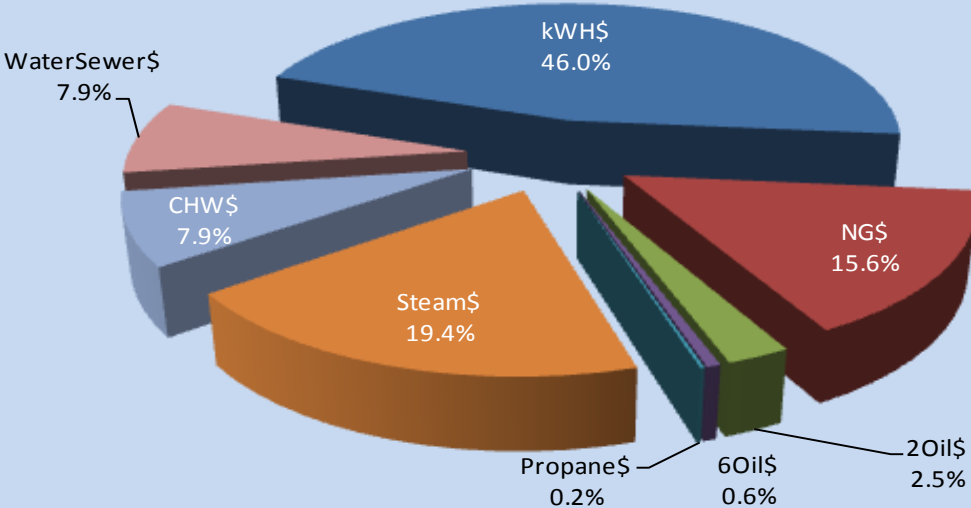
2010-11 UNC School of the Arts Utility Cost Distribution



UNC System Utilities Summary 2010-2011

kWH\$	NG\$	2Oil\$	6Oil\$	Propane\$	Steam\$	CHW\$	Wtr Sewer\$	Total Utility \$
\$ 58,092,098	\$ 19,714,190	\$ 3,175,383	\$ 703,988	\$ 222,115	\$ 24,494,432	\$ 9,944,030	\$ 9,958,718	\$ 208,041,995

2010-11 UNC System Summary Utility Cost Distribution



UNC School of the Arts

Year End Btu by Fuel Type for 2010-2011

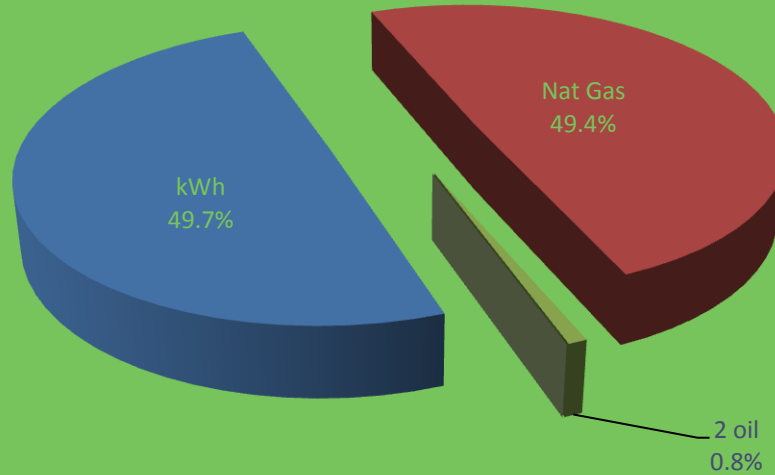


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UNC School of the Arts Btu by Fuel Type 2010-2011

kWH	NG	2Oil	6Oil	Propane	Steam	CHW	Total Btu
54,652,388,988	54,322,000,000	921,598,373	0	0	0	0	109,895,987,361

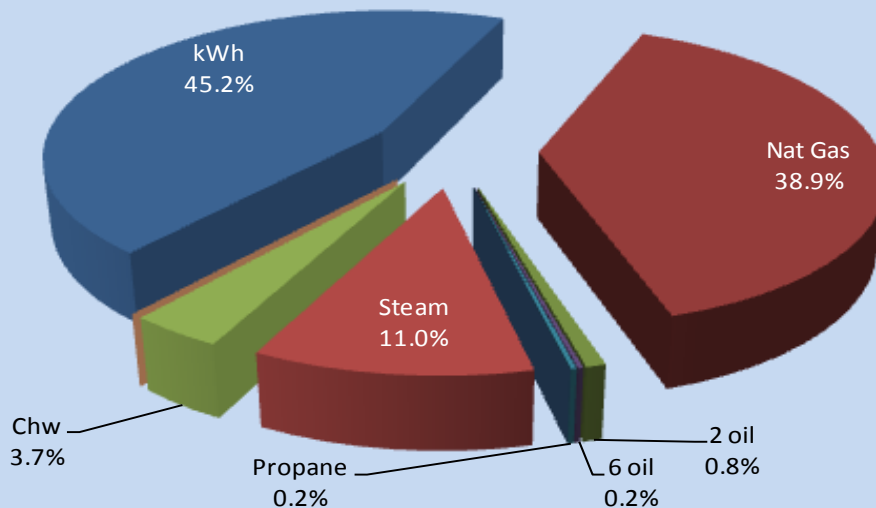
2010-11 UNC School of the Arts Utility Distribution by Fuel Type



UNC System Btu by Fuel Type 2010-2011

kWH	NG	2Oil	6Oil	Propane	Steam	CHW	Total Btu
4,631,331,556,856	3,993,176,408,800	79,855,119,007	21,044,238,943	23,401,556,122	1,123,287,738,000	382,712,575,680	10,254,809,193,407

2010-11 UNC Summary Schools Utility Distribution by Fuel Type



UNC School of the Arts

9 Year Energy Evaluation 2005-2011 & Trend Through 2020

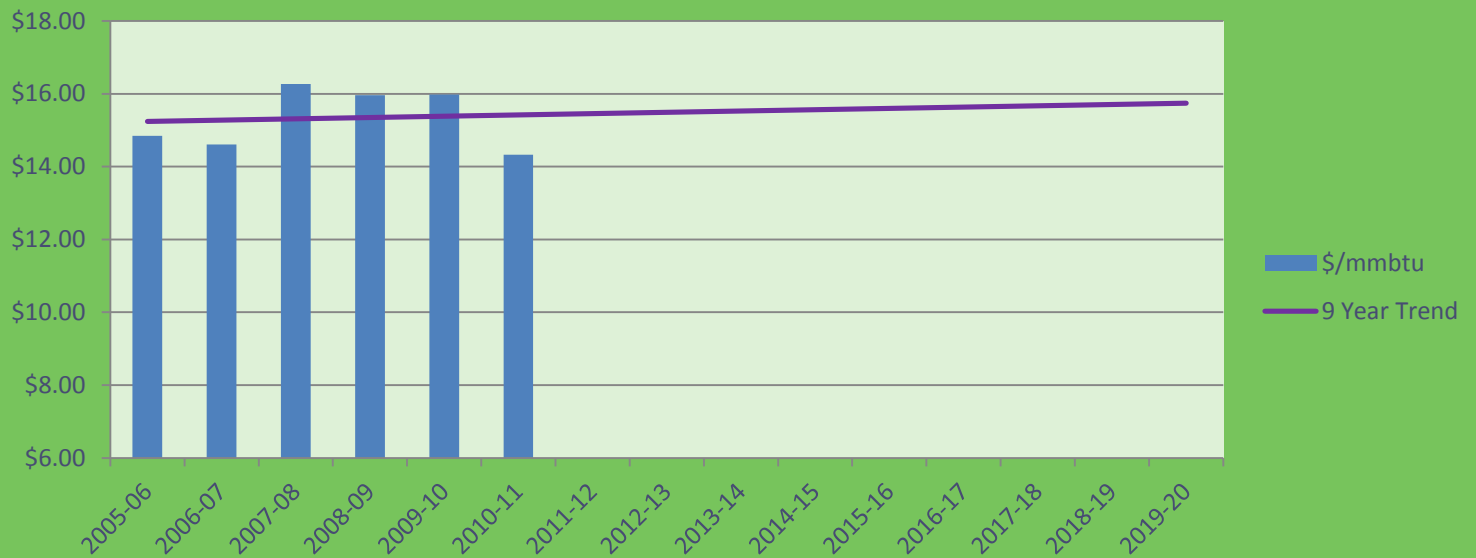


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UNC School of the Arts Energy \$/mmbtu

2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
\$ -	\$ -	\$ -	\$ 14.85	\$ 14.61	\$ 16.27	\$ 15.96	\$ 15.98	\$ 14.33

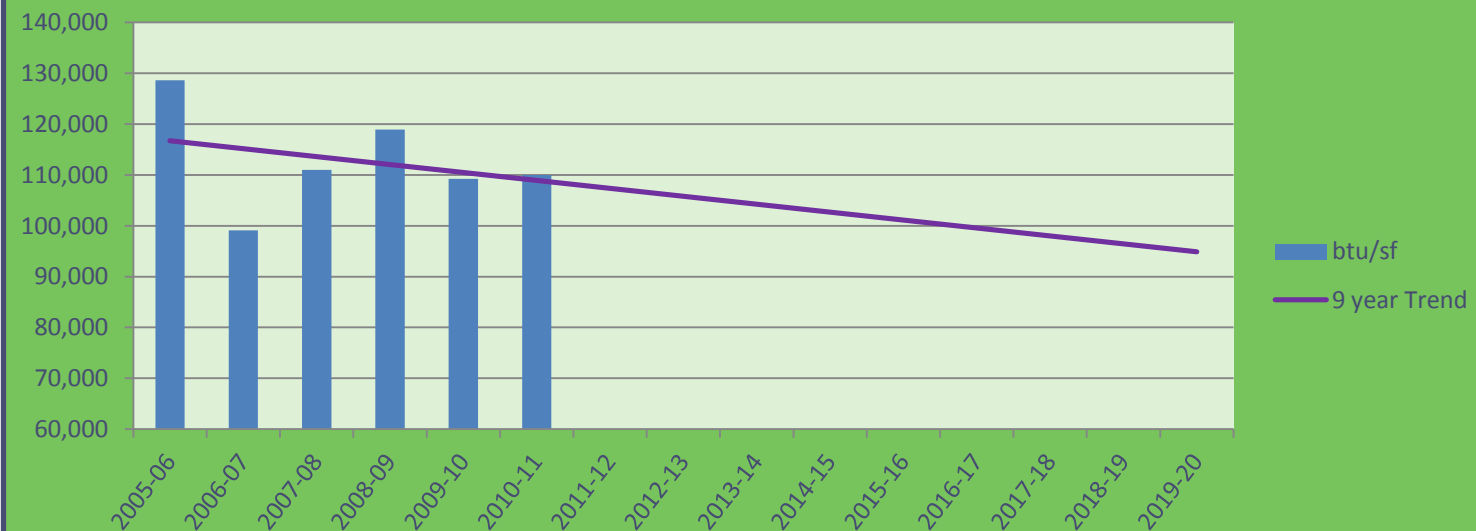
UNC School of the Arts \$/mmbtu



UNC School of the Arts Energy btu/sf

2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
-	-	-	128,586	99,089	110,986	118,907	109,239	109,999

UNC School of the Arts btu/sf



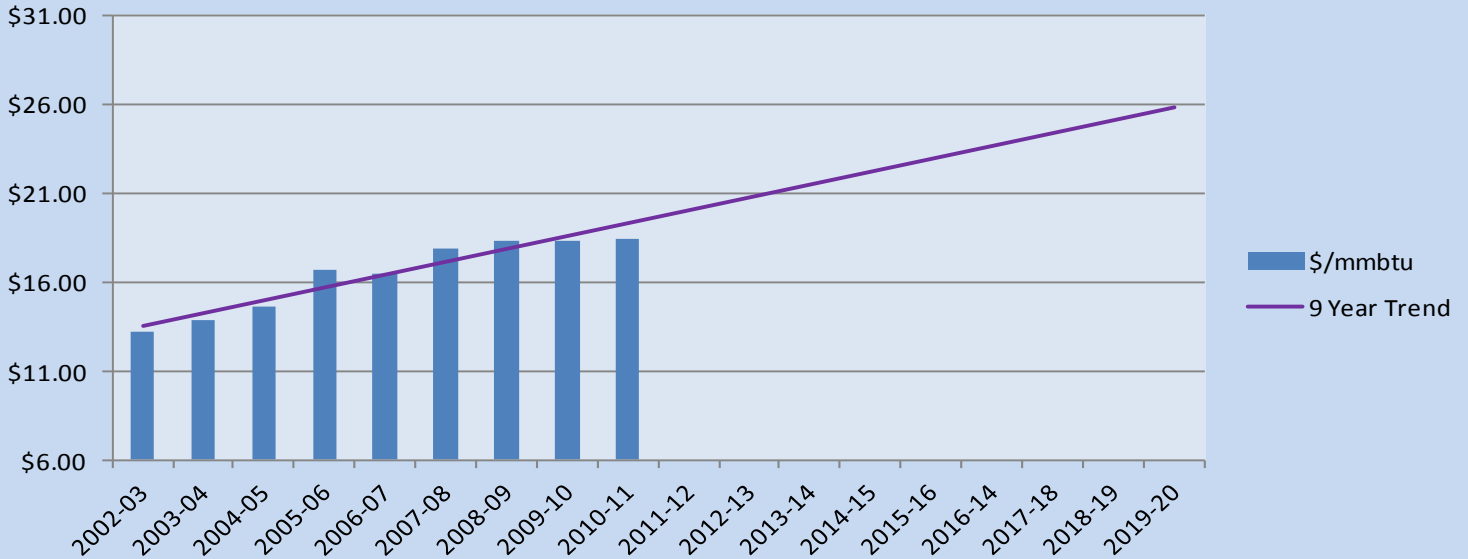
UNC System Summary

9 Year Energy Evaluation 2003-2011 & Trend Through 2020

UNC System Energy \$/mmbtu

2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
\$ 13.22	\$ 13.86	\$ 14.67	\$ 16.69	\$ 16.43	\$ 17.85	\$ 18.37	\$ 18.36	\$ 18.49

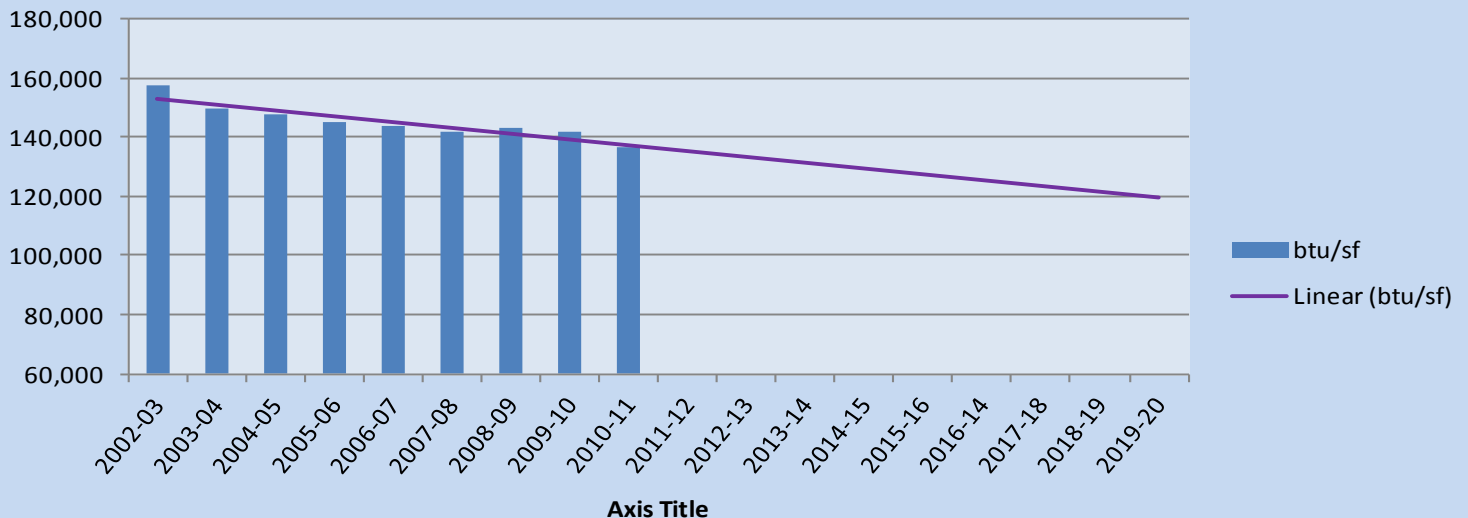
UNC System Summary \$/mmbtu



UNC System Energy Btu/sf

2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
157,303	149,399	147,782	144,975	144,054	141,779	143,423	141,569	136,362

UNC System Summary btu/sf



UNC System Summary

Btu/gsf and % Reduction

