

INFORMATION FOR MAIN CAMPUS BOILERS

Boiler # 1	Mfg.--B & W	1998	MAWP	250 psi
	Water Tube Blr.		BLR HS	4261 Sq. ft
	Gas Input	72.2 MMBTU/HR	WTR WALL--HS	720 Sq. ft
	Oil Input	69.6 MMBTU/HR	LBS / HR	60,000
Boiler # 2	Mfg.--Keeler	1977	S.W.P	200
	Water Tube Blr.		B.H.S	4505 Sq. ft
	W.W.H.S	735	LBS / HR	60,000
Boiler # 3	Mfg.-- Hurst	1992	MAWP	150 PSI
	Fire Tube Blr.		Htg Surface	250 Sq. ft
	Min.	7,000,000 BTU / HR	LBS / HR	17,250
	Max.	21,000,000 BTU / HR		

Operation Schedule for Boilers

Main Boiler (1/2) is operated from Sept to May

Summer boiler is operated from June to August

NCCU - Natural Gas Consumption for Heating Plant. JAN06-JAN09

Month	FISCAL YEAR 2006		FISCAL YEAR 2007		FISCAL YEAR 2008		FISCAL YEAR 2009	
	D-THERM Usage	Cost (\$)	D-THERM Usage	Cost (\$)	D-THERM Usage	Cost (\$)	D-THERM Usage	Cost (\$)
Jan	17,476	\$222,072.76	17,468	\$118,364.59	19,233	\$157,941.40	15,299	\$107,643.76
Feb	17,960	\$168,244.53	17,116	\$135,336.21	16,424	\$151,195.30		
Mar	15,933	\$125,265.25	13,378	\$111,532.39	14,953	\$146,090.81		
Apr	9,812	\$75,385.60	10,602	\$85,961.02	12,235	\$124,160.78		
May	4,769	\$36,473.31	3,289	\$26,404.09	3,496	\$41,637.36		
Jun	4,618	\$29,509.02	4,038	\$33,034.88	599	\$7,926.04		
Jul	4,580	\$29,252.46	3,818	\$28,593.00	39	\$541.51		
Aug	5,099	\$39,170.52	4,210	\$27,786.00	1,464	\$14,469.81		
Sep	6,116	\$45,600.90	4,924	\$29,199.32	1,465	\$13,124.93		
Oct	9,442	\$42,876.12	8,048	\$55,555.34	2,757	\$22,047.73		
Nov	13,537	\$106,982.91	14,124	\$111,283.00	9,323	\$66,090.75		
Dec	15,275	\$142,207.21	15,576	\$127,146.89	13,112	\$102,509.62		
Summary	124,617	\$1,063,040.59	116,591	\$890,196.73	95,100	\$847,736.04		

NOTE: This is energy cost. It doesn't include transportation cost .

Total Cost: Energy cost + Transportation cost

NCCU. ELECTRICAL CONSUMPTION FOR 10 BUILDINGS UNDER EPC

No	Building Name	1st Reading	2nd Reading	3rd Reading	Subtract 3rd-1st Readings	Time length
		Date	Date	Date	45 days	
		April 1	May 4	May 15	KWH	
		KWH	KWH	KWH	KWH	
1	William Jones	530,539.0	553,706.0	561,566	31,027.0	45 Days
2	Heating Plant	389,581.0	401,769.0	407,034	17,453.0	45 days
3	Fine Art Building	783,406.0	827,148.0	839,074	55,668.0	45 days
4	Taylor Education	82,937.0	113,513.0	125,683	42,746.0	45 days
5	Communication building	462,803.0	600,671.0	653,680	190,877.0	45 days
6	Whitting Crimal Justice	191,207.0	240,521.0	257,313	66,106.0	45 days
7	Edmond Class Room	958,686.0	995,112.0	1,180,367	221,681.0	45 days(*)
8	Music Building	494,274.0	516,972.0	523,268	28,994.0	45 days
9	Science Complex					Have 2 year history
10	BN DUKE Auditorium			785,466.00		* Will provide more readings

Note*: Need more readings

NCCU: WATER CONSUMPTION FOR NCCU HEATING PLANT

Account : 3029740 . 531 George Street Steam Plant

Month	FISCAL YEAR 2006		FISCAL YEAR 2007		FISCAL YEAR 2008		FISCAL YEAR 2009	
	Water Unit: CCF	Cost (s)	Water Unit: CCF	Cost (s)	Water Unit: CCF	Cost (s)	Water Unit: CCF	Cost (s)
Jan			2,810		2,383		603	\$3,347.38
Feb			2,293		2,620			
Mar			2,201		1,257			
Apr			2,383		1,634			
May			3,198		1,590			
Jun			2,113		494	\$2,462.74		
Jul	1,038		1,132		593			
Aug	609		622		137	\$896.22		
Sep	679		954		124	\$827.84		
Oct	1,082		1,102		352	\$2,027.12		
Nov	2,603		807		261	\$1,548.46		
Dec	2,535		2,590					