

Tulane University ENERGY STAR Showcase Dorm Room, 2008							
		Energy Star Appliances		Non Energy Star Appliances			
Appliance	Estimated Time Running Hours (Active/On/Standby)	Energy Used*	Cost to Run**	Energy Used*	Cost to Run**	Savings	
		kWh (Nine Months)	\$ (Nine Months)	kWh (Nine Months)	\$ (Nine Months)	Dollars	Lbs of CO2***
MicroFridge Model MF-3TP	24 Hours	217.50	21.29	274.50	26.87	5.58	87
Lenovo ThinkPad X61 Tablet computer	1 Hour / 2 Hours / 6 Hours	20.79	2.03	24.84	2.43	0.40	6
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Canon PIXMA MP530 All in one printer	.5 Hour / 1 Hour / 4.5 Hours	21.14	2.07	45.75	4.48	2.41	38
GE-Jasco Floor Lamp	5	31.05	3.04	135.00	13.21	10.17	160
GE Soft White 60 CFL Light Bulb (2)	5	40.50	3.96	162.00	15.86	11.89	187
GE- Jasco Desk Lamp	2	37.26	3.65	54.00	5.29	1.64	26
Panasonic SC-PM23 Executive Micro Audio	2 Hours / 2 Hours / 20 Hours	18.90	1.85	48.06	4.70	2.85	45
Sharp DKA1 i-Elegance Music System	24	9.07	0.89	25.92	2.54	1.65	26
Panasonic 5.8 GHZ Cordless Phone	24 Hours	16.43	1.61	25.79	2.52	0.92	14
	Total For One Room (2 person)	433.43	\$42.42	820.70	\$80.33	\$37.91	594
	Total For One Person	216.71	\$21.21	410.35	\$40.16	\$18.95	297
	Estimate for all 3257 students in residence halls		\$69,085.96		\$130,814.36	\$61,728.40	968,073

*Average for one school year (nine months) =(W/1000)x(hours on)x(30 days)x(9 months)

Estimates for Non Energy Star Appliances based on averages obtained from Energy Star. For Energy Star appliances, both ES averages and model-specific figures are used.

** Energy Used times Tulane's May 2008 electricity price (\$.097878/kWh)

***Uses a national average of 1.535lbs of CO2/kWh.