

Project Collegeway Winter 2008 / 2009 / 2010 / 2011

Suite 28 equipped with regular **baseboard heaters** has been run for the winter 2008/09/10/11 parallel to Suite 9 equipped with **Redwell Infrared heaters**
 Both Suites are facing the same direction and are on the ground floor
 Total area 1200 sq ft for each Suite
 Both tenants remained comfortable in their respective suites throughout the winter season

Month	Monthly extreme minimum temperatures *	Meter reading @ Suite 28 kWh Electric Baseboard	Monthly kWh usage	Meter reading @ Suite 9 kWh Redwell Infrared	Monthly kWh usage	Diff. kWh	Monthly Diff in \$ at \$ 0.10 perKWh
End of :		Tot. kW installed 8.5 kW		Tot. kW installed 3.9 kW			
		0		0			
Oct-08	- 2.8 deg. C	220	220	200	200	20	\$2.00
Nov-08	- 10.6 deg. C	1205	985	903	703	282	\$28.20
Dec-08	- 17.7 deg. C	3294	2089	2645	1742	347	\$34.70
Jan-09	- 22.1 deg. C	6016	2722	4815	2170	552	\$55.20
Feb-09	- 22.2 deg. C	7821	1805	6332	1517	288	\$28.80
Mar-09	- 15.7 deg. C	9143	1322	7045	713	609	\$60.90
Apr-09	- 3.9 deg. C	9819	676	7258	213	463	\$46.30
May-09	0.3 deg. C	9920	101	7260	2	99	\$9.90
Jun-09	6.8 deg. C	9938	18	7260	0	18	\$1.80
Jul-09	9.4 deg. C	9938	0	7260	0	0	\$0.00
Aug-09	10.5 deg. C	9938	0	7260	0	0	\$0.00
Sep-09	4.8 deg. C	9938	0	7260	0	0	\$0.00
Total power usage in 12 month:			9920		7260	2660	
Total savings for the 12 month							\$267.80
End of :	Monthly extreme minimum	Meter reading @ Suite 28 kWh	Monthly kWh usage	Meter reading @ Suite 9 kWh	Monthly kWh usage	Diff. kWh	Monthly Diff in \$ at \$ 0.10 perKWh
Oct-09	- 1.2 deg. C	10626	688	7473	213	475	\$47.50
Nov-09	- 3.0 deg. C	11770	1144	7910	437	707	\$70.70
Dec-09	- 15.7 deg. C	13850	2080	9852	1942	138	\$13.80
Jan-10	- 19.0 deg. C	16220	2370	11448	1596	774	\$77.40
Feb-10	- 12.0 deg. C	17983	1763	13026	1578	185	\$18.50
Mar-10	- 6.7 deg. C	19070	1087	13757	731	356	\$35.60
Apr-10	- 0.8 deg. C	19204	134	13858	101	33	\$3.30
May-10	0.7 deg. C	19285	81	13858	0	81	\$8.10
Jun-10	7.5 deg. C	19285	0	13858	0	0	\$0.00
Jul-10	10.4 deg. C	19285	0	13858	0	0	\$0.00
Aug-10	9.7 deg. C	19285	0	13858	0	0	\$0.00
Sep-10	6.3 deg. C	19487	202	13858	0	202	\$20.20
Total power usage in 12 month:			9549		6598	2951	
Total savings for the 12 month							\$295.10
End of :	Monthly extreme minimum	Meter reading @ Suite 28 kWh	Monthly kWh usage	Meter reading @ Suite 9 kWh	Monthly kWh usage	Diff. kWh	Monthly Diff in \$ at \$ 0.10 perKWh
Oct-10		19891	404	13863	5	399	\$39.90
Nov-10		21489	1598	14600	737	861	\$86.10
Dec-10		23949	2460	16220	1620	840	\$84.00
Jan-11		26696	2747	18155	1935	812	\$81.20
Feb-11		29043	2347	19714	1559	788	\$78.80
Mar-11		31029	1986	20876	1162	824	\$82.40
Apr-11		32149	1120	21582	706	414	\$41.40
May-11		32436	287	21583	1	286	\$28.60
Jun-11		32436	0	21583	0	0	\$0.00
Jul-11		32436	0	21583	0	0	\$0.00
Aug-11		32436	0	21583	0	0	\$0.00
Sep-11		32446	10	21583	0	10	\$1.00
Total power usage in 12 month:			12959		7725	5234	
Total savings for the 12 month							\$523.40
End of :	Monthly extreme minimum	Meter reading @ Suite 28 kWh	Monthly kWh usage	Meter reading @ Suite 9 kWh	Monthly kWh usage	Diff. kWh	Monthly Diff in \$ at \$ 0.10 perKWh
Oct-11		33517	1071	21615	32	1039	\$103.90
Nov-11		35191	1674	21823	208	1466	\$146.60
Dec-11			0		0	0	\$0.00
Jan-12			0		0	0	\$0.00
Feb-12			0		0	0	\$0.00
Mar-12			0		0	0	\$0.00
Apr-12			0		0	0	\$0.00
May-12			0		0	0	\$0.00
Jun-12			0		0	0	\$0.00
Jul-12			0		0	0	\$0.00
Aug-12			0		0	0	\$0.00
Sep-12			0		0	0	\$0.00
Total power usage in 12 month:			2745		240	2505	
Total savings for the 12 month							\$250.50
Total savings							\$1,336.80