Payback Period Calculator

Version 1

(as of 01Jun07)

Company			2.5" x 5"	5" x 7"	5" x 10"	6" x 13"	8" x 24"	9" x 17"	12" x 20"	4"x 37" strip
A			0	0	0	0	2	0	0	0
B			1	2	3	2	2	0	1	1
C			2	3	8	4	0	2	0	3
D			0	0	0	0	14	0	4	0
E			2	5	3	6	6	1	0	1
F			0	5	10	1	2	6	3	0
G			0	1	0	0	0	0	0	0
H			1	2	4	11	14	2	1	0
I			1	2	0	0	0	0	0	0
J			1	2	5	25	0	5	0	12
K			0	2	0	0	1	0	6	1
L			1	0	1	8	0	0	0	1
	Total	**215**	**9**	**24**	**34**	**57**	**41**	**16**	**15**	**19**

Analysis of raised-floor environment (as of 19May07)			
Total Square Footage =	**198.0**	**Cooling Capacilty Lost Per Month**	**$997.34**
Equivelent of 2'x2' open tiles	**49.5**	**Payback Period (months)**	**0.22**

Power Study Example

One method used to determine BTU Per Square Foot (Heat)

Company K							
PDU	**Section**	**Circuit Description**	**KW**		**Voltage**	**Power Factor**	**Heat Loads**
R-PDU	**Section A**	**(17,19)(21,23)**	**Ph A**	0.7	209	0.73	
			Ph B	0.0	209		
			Ph C	1.2	209		
			Sum	1.9			6,483 BTU
	Section B	**All 'Company K' Circuits**	**Ph A**	3.7	209	0.91	
			Ph B	4.1	209		
			Ph C	3.7	209		
			Sum	11.5			39,240 BTU
Q-PDU	**Section A**	**(17,19)(21,23)**	**Ph A**	0.8	208	0.76	
			Ph B	0.0	208		
			Ph C	1.3	209		
			Sum	2.1			7165 BTU
	Section B	**All 'Company K' Circuits**	**Ph A**	4.3	208	0.91	
			Ph B	3.9	208		
			Ph C	3.5	209		
			Sum	11.7			39,922 BTU
		TOTAL		**27.2**			**92,810 BTU**

Company K Information				
Rented Sq Ft.	**Total KW (Power)**	**Watts Per Sq. Ft. (Power)**	**Total KW (Heat)**	**BTU Per Sq. Ft. (Heat)**
309	27.2	88	27.2	300 BTU