



IceCOLD[®]

CASE STUDY

Westinghouse Pilot
29-Apr-06

Electical Power Consumption (Unit) for 5 Tonnes AC
5 Tonnes AC system Normal
Temp. at Grill 16 Deg. C, Temp. At 10Ft. Distance 22 Deg C
Ambient Temp. 37 Deg C

Time	kWh	Total Con.	
10:00	1030.7		
10:05	1031.2	43.3	
10:11	1031.7	In 9Hr	
13:53	1058		4.8Unit/Hr
14:57	1065		
15:53	1066		
17:35	1067		
17:39	1067		
19:03	1074		

5 Tonnes AC System with IceCOLD®
Temp. at Grill 16 Deg. C, Temp. At 10Ft. Distance 24 Deg C

Time	kWh	Total Con.	
12:14	62.27		
13:30	65	20.49	
14:16	68.53	In 5.2 Hr	3.94Unit/Hr
15:25	73.82		
16:15	77.44		
16:30	78.64		
17:26	82.76		

Percentage saving 21.8 %