

## **SUMMARY OF DATA LOGGING FOR ACPM/AIRCON ENERGY SAVER**

Date		Time		No. of Hours	Average Data Logging		Total
Beginning	Finished	Beginning	Finished		Temperature (oC)	Humidity (RH %)	Power (Kwh)
<b>ACPM/AES installed</b>							
2/9/2004	2/9/2004	13:34	23:59	10,41	25,5	58,5	12,4
3/9/2004	3/9/2004	00:00	23:59	23,98	25,8	61,5	22,2
4/9/2004	4/9/2004	00:00	23:59	23,98	26,2	61,4	21,9
5/9/2004	5/9/2004	00:00	23:59	23,98	27,2	59,5	22,5
6/9/2004	6/9/2004	00:00	09:32	9,53	26,8	58,6	9,88
6/9/2004	6/9/2004	09:52	23:15	13,38	25,6	55,2	12,84
7/9/2004	7/9/2004	18:39	23:59	5,33	26,9	55,5	5
8/9/2004	8/9/2004	00:00	18:30	18,50	26,1	59,4	17,4
				<b>129,09</b>	<b>26,2625</b>	<b>58,7</b>	<b>124,12</b>
<b>By-Pass period</b>							
8/9/2004	8/9/2004	18:45	23:59	5,23	26	54,9	6,5
9/9/2004	9/9/2004	00:00	19:40	19,66	25,56	57,1	25,3
9/9/2004	9/9/2004	19:49	23:59	4,16	25,8	50,6	5,4
10/9/2004	10/9/2004	00:00	19:56	19,93	25,6	50,3	25,3
10/9/2004	10/9/2004	20:01	23:59	3,96	25,6	46,2	4,9
11/9/2004	11/9/2004	00:00	15:02	15,03	25,3	48,8	19,1
				<b>67,97</b>	<b>25,6433</b>	<b>51,3</b>	<b>86,5</b>

With ACPM/AES installed, the total power consumption of 124.12 Kwh was measured in 129.09 hrs.

With By-Pass period, the total power consumption of 86.5 Kwh was measured in 67.97 hrs.

Therefore, the total energy saved of **24.4%** was successfully.