

So Sofitel Bangkok - Endo cube project

Location **B1 Dry food store**

No. **B1-DS-21**

Compressor : **380 V 50 Hz 8.6 A**

Type **Freezer**

Temp. set point **-22C**

Date	Electrical meter			Food temp (C)	Digital display (C)	Remark
	Reading meter	Total unit	Total baht			
	1-Jan-18	114.1	56			
2-Jan-18	115.5	88	334.4	-19.1	-19.9	
3-Jan-18	117.7	60	228	-19.3	-20.2	
4-Jan-18	119.2	96	364.8	-18.8	-19.1	
5-Jan-18	121.6	88	334.4	-19.1	-19.8	
6-Jan-18	123.8	64	243.2	-19.7	-20.4	
7-Jan-18	125.4	48	182.4	-19.9	-20.5	
8-Jan-18	126.6	72	273.6	-9.1	-12.8	machine switch off
9-Jan-18	128.4	88	334.4	-18.9	-19.3	
10-Jan-18	130.6	84	319.2	-19	-19.6	
11-Jan-18	132.7	56	212.8	-19.1	-20.7	
12-Jan-18	134.1	52	197.6	-18.7	-19.1	
13-Jan-18	135.4	72	273.6	-19.1	-20.2	
14-Jan-18	137.2	60	228	-18.9	-19.4	
15-Jan-18	138.7	76	288.8	-19.7	-20.7	
Total		1060	4028			
16-Jan-18	140.6	80	304	-11.7	-20	
17-Jan-18	142.6	88	334.4	-11.3	-19.4	
18-Jan-18	144.8	68	258.4	-8.9	-13.7	Door not close properly
19-Jan-18	146.5	72	273.6	-10.3	-14.5	
20-Jan-18	148.3	68	258.4	-11.1	-15.5	
21-Jan-18	150	96	364.8	-14.1	-16	
22-Jan-18	152.4	84	319.2	-16.1	-19.7	
23-Jan-18	154.5	88	334.4	-15.7	-19.3	
24-Jan-18	156.7	80	304	-15.3	-19.7	
25-Jan-18	158.7	88	334.4	-15.1	-20.1	
26-Jan-18	160.9	80	304	-16.1	-20.2	
27-Jan-18	162.9	80	304	-15.9	-20.2	
28-Jan-18	164.9	84	319.2	-14.7	-19.9	
29-Jan-18	167	84	319.2	-15.4	-20.7	
30-Jan-18	169.1	72	273.6	-15	-20.4	
31-Jan-18	170.9	76	288.8	-14.7	-19.3	
1-Feb-18	172.8			-16.3	-20.1	
Total		1288	4894.4			

Summary Date

Electric units (Kwh) Electric cost (THB)

1-15 Jan 2018	Endo cube installation	1,060.00	4,028.00
16-31 Jan 2018	Non Endo cube installatio	1,288.00	4,894.40

15 days Endo cube installation we can saving money

866.40 THB

ROI

Cost of Endo cube	8,750.00
Saving per month	1,732.80

ROI will be

5.05 month