

Test Report

1. Installation site Blvd., Emiliana Zapata No.812, Fracc. Los Pinos, C.P. 43612
Tulancingo de Bravo, Hidalgo, Mexico.
2. The start of the test 7/AUG/2007
3. The end of the test 14/SEP/2007
4. Object
5. Equipment of measuring FLUK 1735
6. The Person in charge Ing. Arturo Ortiz Sandoval
Director de comision de Agua y Alcantarillado del Municipio de Tulancingo
Tel. (01 775)753 7154 / Fax (01 775) 753 9966

7. Test Result

- a) Test Period : Before connecting "ULTRA" power saver for 10days (240hours)
b) Test Period : With connection "ULTRA" power saver for 18days (432hours)
This period is used for the installation of "ULTRA"
c) After connecting "ULTRA" for 10days
8. Result without "ULTRA" From 07/AUG/2007 to 17/AUG/2007

Date/Measuring time		Daily consumption(kwh)	Accumulated consumption(kwh)
8/Aug	11:12	65.1	65.1
9/Aug	11:12	63.7	128.8
10/Aug	11:12	64.9	196.7
11/Aug	11:12	61.2	254.9
12/Aug	11:12	47.7	302.6
13/Aug	11:12	41.5	344.1
14/Aug	11:12	64.3	408.4
15/Aug	11:12	64.9	473.3
16/Aug	11:12	63.2	536.3
17/Aug	11:12	65.3	601.8

Note	Max : 65.3 Kwh
	Min : 41.5 Kwh
	Avg : 60.18Kwh

9. Installation ULTRA : Finished installing at 12:15 P.M. on 17. AUG. 2007
10. Result with ULTRA from 04/SEP/2007 to 14/SEP/2007 (10 day/240 hours)

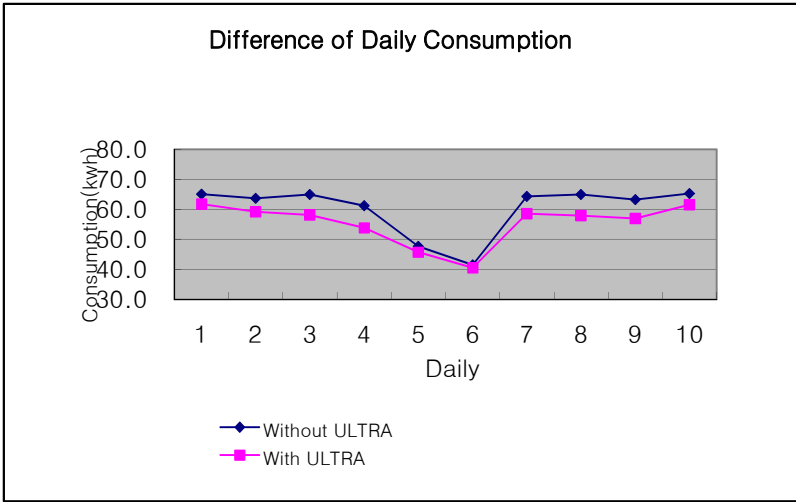
Date/Measuring time		Daily consumption(kwh)	Accumulated consumption(kwh)
5/Sep	12:20	61.7	61.7
6/Sep	12:20	59.2	120.9
7/Sep	12:20	58.1	179.0
8/Sep	12:20	53.9	232.9
9/Sep	12:20	45.8	278.7
10/Sep	12:20	40.5	319.2
11/Sep	12:20	58.5	377.7
12/Sep	12:20	57.9	435.6
13/Sep	12:20	56.9	492.5
14/Sep	12:20	61.5	554.0

Note	Max : 61.7 Kwh
	Min : 40.5 Kwh
	Avg : 55.40Kwh

11. Analysis result

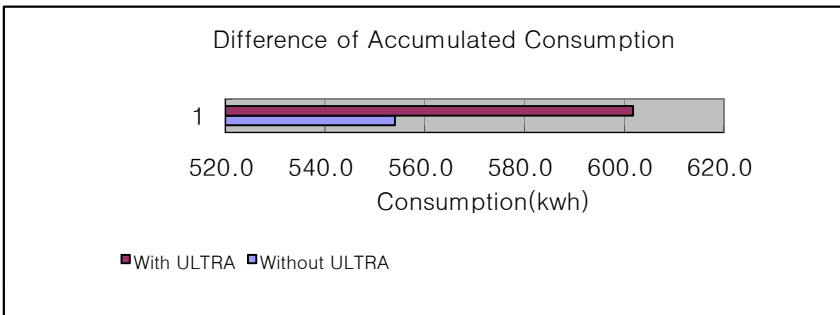
- a) Difference of daily consumption

Consumption without ULTRA	Consumption with ULTRA	Difference
65.1	61.7	-5.22%
63.7	59.2	-7.06%
64.9	58.1	-10.48%
61.2	53.9	-11.93%
47.7	45.8	-3.98%
41.5	40.5	-2.41%
64.3	58.5	-9.02%
64.9	57.9	-10.79%
63.2	56.9	-9.97%
65.3	61.5	-5.82%



b) Difference of Accumulated consumption

Accumulated kwh without ULTRA(kwh)	Accumulated kwh with ULTRA(kwh)	Difference
601.8	554.0	-7.94%



c) Observation

According to the power saver, a substantial power saving showed up after installing "ULTRA". However, we found out the variation of power saving during the development of test, it is based on the variation of daily

Note	Avg : -7.94%
	Min : -2.41%
	Max : -11.93%