

Dubai



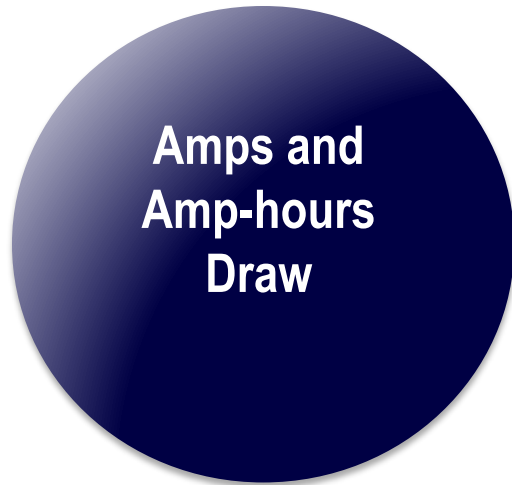
**Data Analysis Of IceCOLD® Test
Conducted At Kwality Ice Cream &
Shaklan SuperMarkets**

September 24, 2014



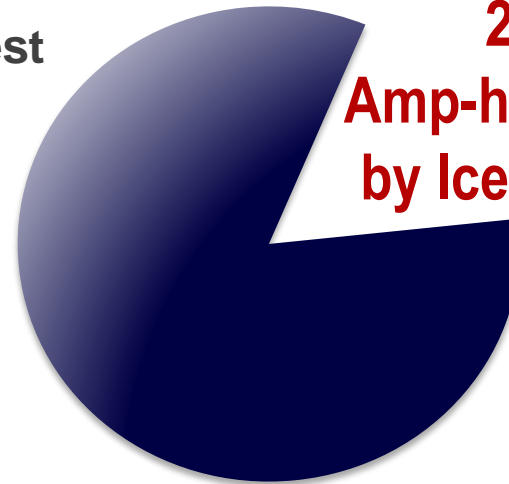
Increased Cooling Efficiency / Decreased Energy Consumption

Pre Test

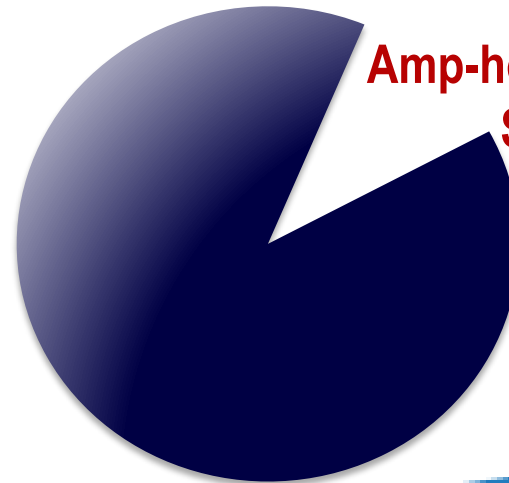


Amps and
Amp-hours
Draw

Post Test



**22.6% Less
Amp-hours Consumed
by Ice Cream Factory**



**17.7% Less
Amp-hours Consumed by
Supermarket**



Kwality Ice Cream

Field testing results for pre- & post- treatment

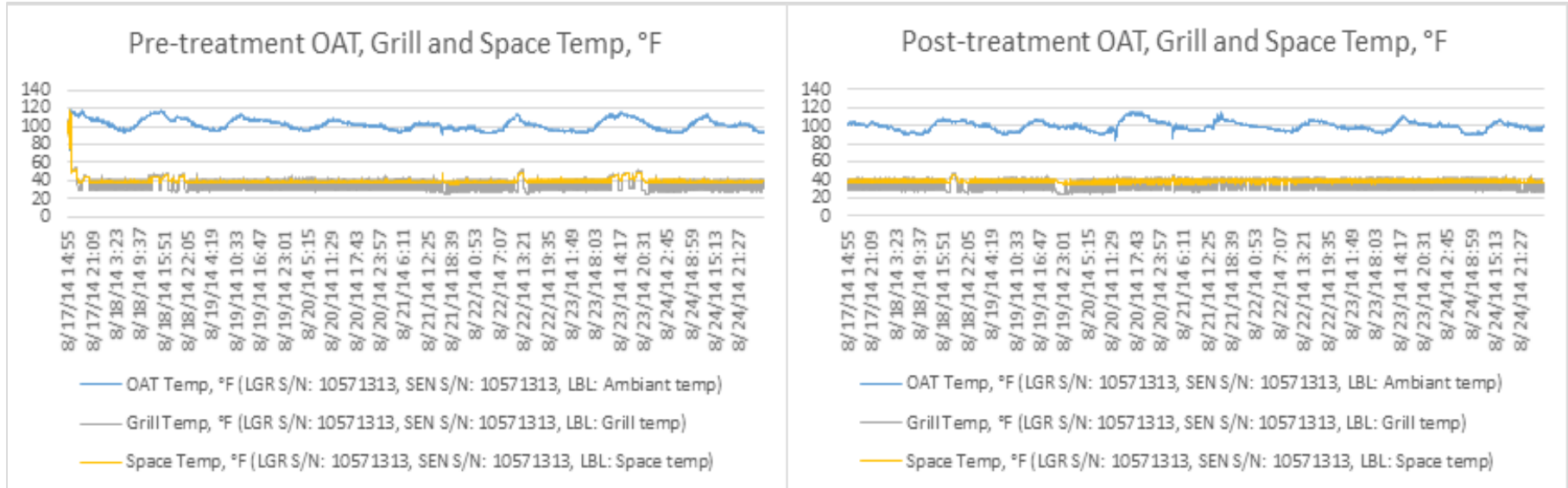


Chart presents two days of AC unit operations - before and after IceCold treatment. Grill, Space and Outdoor Air Temperatures are shown.

Charts indicate that temperature differences are minimal for all three recorded parameters.



Kwality Ice Cream

Field testing results for pre- & post- treatment

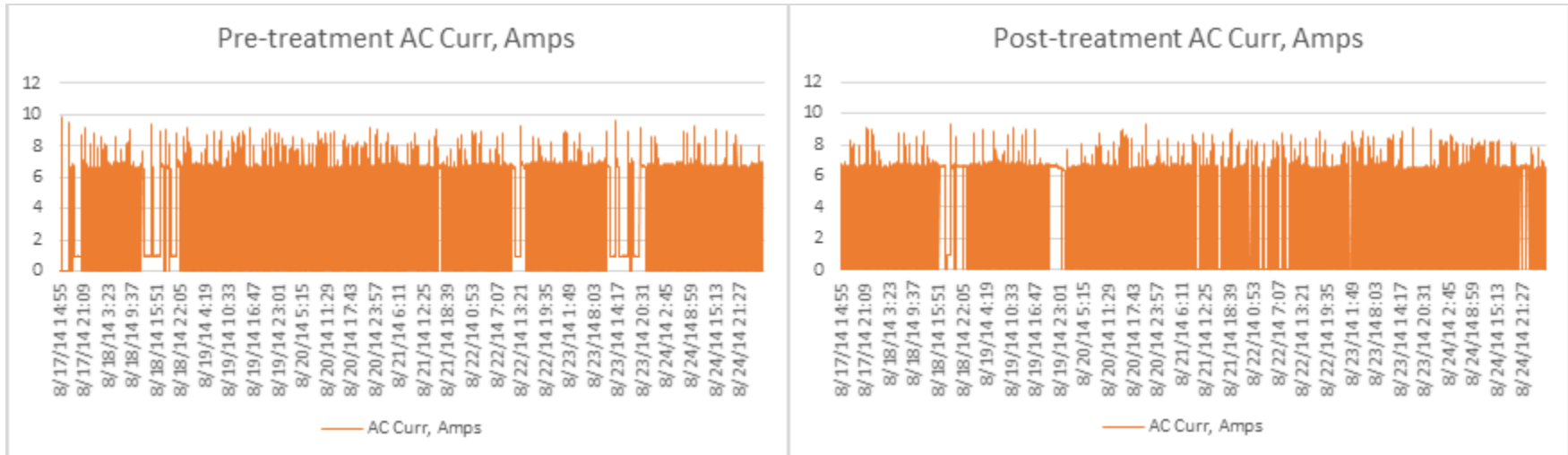


Chart presents two days of AC unit operations - before and after IceCold treatment. Electric currents drawn are shown in both cases.

Charts indicate that in both cases the AC unit operated in load / unload mode.

Before / after difference in Amps, and especially - difference in Run-time can't be visually identified, and require quantitative mathematical analysis and evaluation.



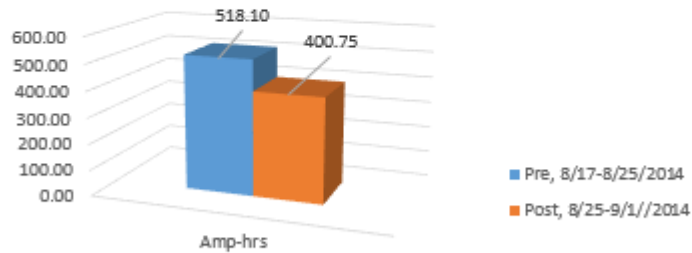
Kwality Ice Cream

Summary of Analysis

Ice Cream Store - Pre- and Post Treatment AC Currents

Dates	Average OAT	Avg Amps	Amp-hrs	Amp-hrs % Decrease
Pre, 8/17-	101.9	2.87	518.10	
Post, 8/25	99.4	2.22	400.75	22.6%
			Amp-hrs savings	22.6%

Ice Cream Store - Pre- and Post Treatment AC Currents



	Amp-hrs
Pre, 8/17-8/25/2014	518.10
Post, 8/25-9/1/2014	400.75

Both - Amps and Amp-hours comparison indicates, that IceCold additive refrigerant treatment led to **22.6% power and energy savings**



Shaklan Supermarket

Field testing results for pre- & post- treatment

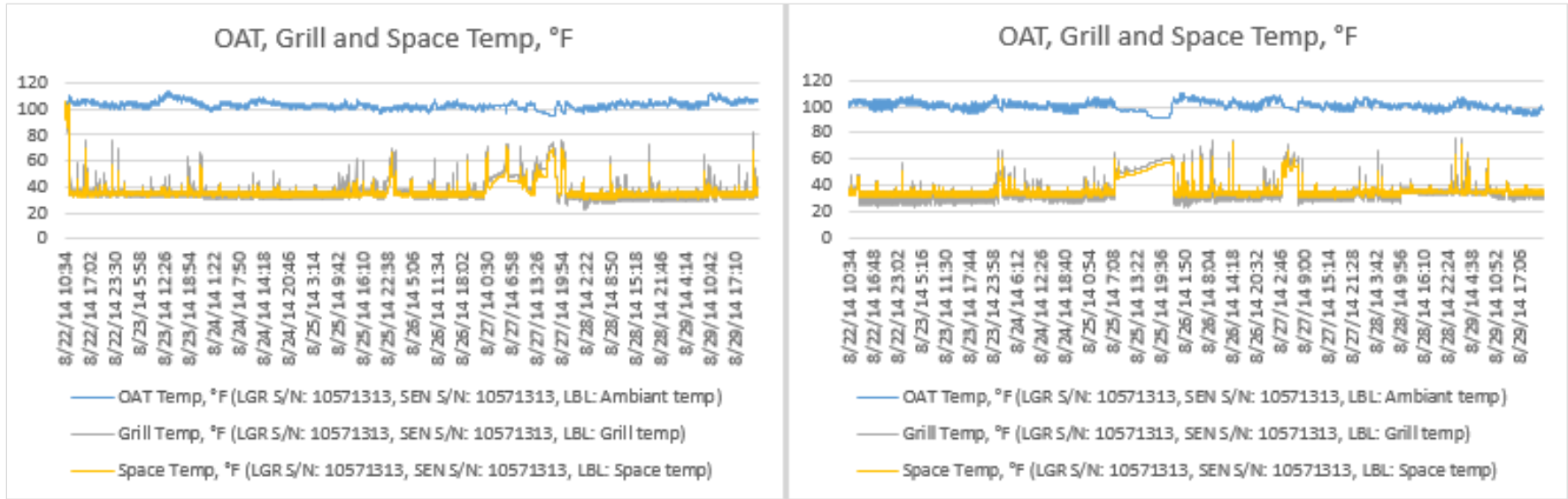


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Shaklan Supermarket

Field testing results for pre- & post- treatment

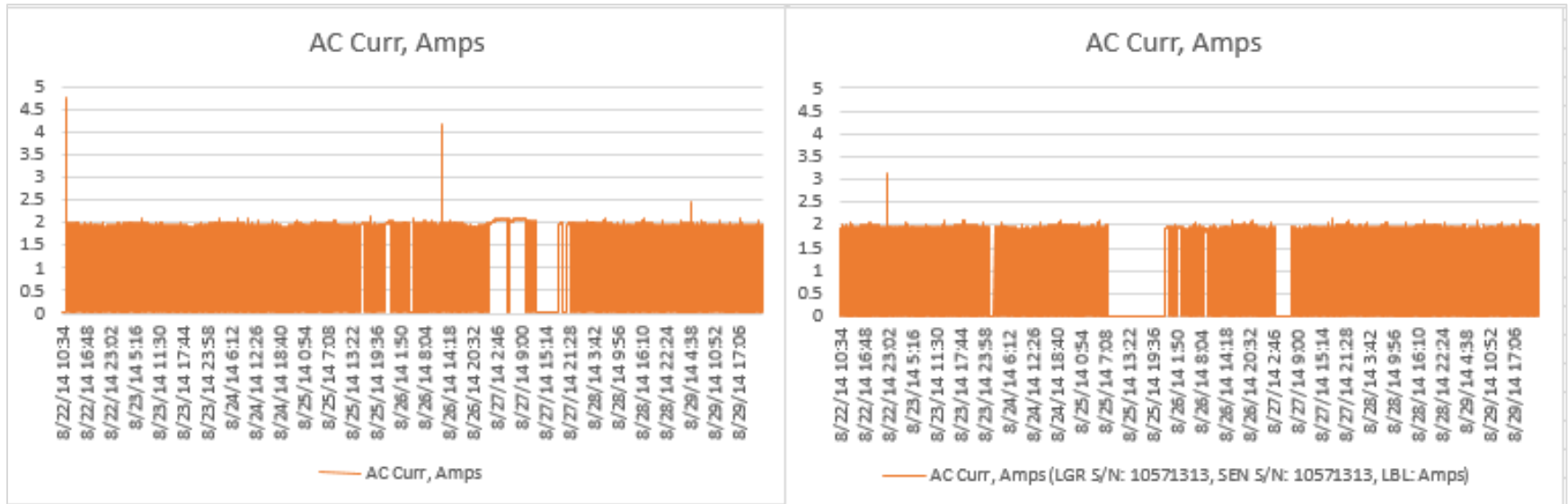


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Shaklan Supermarket

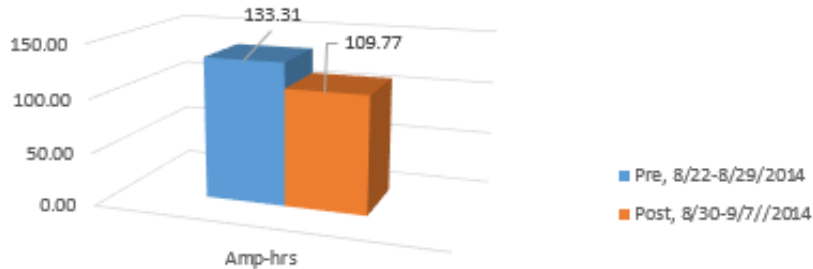
Summary of Analysis

Supermarket - Pre- and Post Treatment AC Currents

Dates	Average OAT	Avg Amps	Amp-hrs	Amp-hrs % Decrease
Pre, 8/22-8/29/2014	103.2	0.74	133.31	
Post, 8/30-9/7//2014	100.4	0.61	109.77	17.7%

Amp-hrs savings 17.7%

Ice Cream Store - Pre- and Post Treatment AC Currents



	Amp-hrs
Pre, 8/22-8/29/2014	133.31
Post, 8/30-9/7//2014	109.77

Both - Amps and Amp-hours comparison indicates, that Ice-Cold additive refrigerant treatment led to **17.7% power and energy savings**

