

**Trial performed from 3<sup>rd</sup> November 2012 – 14<sup>th</sup> November 2012**

Seafood Specialty Restaurant Chain : Tank Test Comparison				
	Other Supplier – Maxi (300ltr)		Thermotank – Maxi (300ltr)	
	KW's Used	Cost @ R1.04 p/KW	KW's Used	Cost @ R1.04 p/KW
Day 1 (4 <sup>th</sup> / 10 <sup>th</sup> )	27.67	R 28.78	9.72	R 10.11
Day 2 (5 <sup>th</sup> / 11 <sup>th</sup> )	27.27	R 28.36	8.803	R 9.16
Day 3 (6 <sup>th</sup> / 12 <sup>th</sup> )	27.09	R 28.17	7.429	R 7.73
Day 4 (7 <sup>th</sup> / 13 <sup>th</sup> )	26.59	R 27.65	7.061	R 7.34
<b>Average Day</b>	<b>27.2</b>	<b>R 28.24</b>	<b>8.3</b>	<b>R 8.58</b>
<b>Average Month</b>	<b>814.65</b>	<b>R 847.24</b>	<b>247.6</b>	<b>R 257.50</b>
<b>Average Year</b>	<b>9775.8</b>	<b>R 10 166.83</b>	<b>2971.2</b>	<b>R 3 090.02</b>
	<b>Cost Savings Projected</b>		<b>Electricity Use Reduced</b>	
Average Day	<b>R 19.66</b>		<b>69.61%</b>	
Average Month	<b>R 589.73</b>			
Average Year	<b>R 7 076.82</b>			

The following graph represents the results by hour of the Tuesdays (6<sup>th</sup> and 13<sup>th</sup>) covered in the trail. Two exact days were compared as routine on both days is similar and same staff members use the tanks. This restaurant opens at 10am daily and equipment is unloaded and tank reloaded, see cold sink spikes at 11am. The Thermotank retains heat and doesn't switch on as often, which isn't the case in the other supplier's tank.

