

Co.Efficient Alpha Pte Ltd  
 68 Circular Road, #02-01  
 Singapore 049422

Dated : 15 August 2023

Prepared for :  
 Mr Melvin Tan  
 Sia Huat Pte Ltd  
 20 Pandan Road  
 Singapore 609272

**Re : Test Data & ROI**

Further to our quotation ref #COEFF-Q0040-23 dated 27 July 2023, from the measured and calculated data of the test conducted at your Pandan premise, the monthly savings is projected to be between 10 – 11.7%.

(1) Time :	8.45am				
<b>Measured</b>		<b>Calculated</b>		<b>Calculated</b>	
<b>Optimizer Mode</b>		<b>Bypass Mode</b>		<b>Bypass Mode</b>	
Input Breaker		Input Breaker 5%		Input Breaker 7%	
	Voltage (V) Current (I)		Voltage (V) Current (I)		Voltage (V) Current (I)
L1	227.2 12.24	L1	242.1 12.852	L1	242.1 13.0968
L2	228.5 11.15	L2	240.7 11.7075	L2	240.7 11.9305
L3	227.6 14.61	L3	240.5 15.3405	L3	240.5 15.6327
Output Breaker		Output Breaker		Output Breaker	
	Voltage (V) Current (I)		Voltage (V) Current (I)		Voltage (V) Current (I)
L1	227.8 12.22	L1	242.1 12.831	L1	242.1 13.0754
L2	228.3 11.28	L2	240.7 11.844	L2	240.7 12.0696
L3	227.4 14.83	L3	240.5 15.5715	L3	240.5 15.8681
Power Consumption		Power Consumption		Power Consumption	
P1	2780.928	P1	3111.469	P1	3170.735
P2	2547.775	P2	2817.995	P2	2871.671
P3	3325.236	P3	3689.39	P3	3759.664
Total :	8653.939		9618.855		9802.071
		Difference :	-10.0%	Difference :	-11.7%

Using the reduced tariff rate of S\$0.2744/kW, your average monthly bill works out to be S\$5,139. The reduced Optimizer price of S\$9,570 will result in a ROI of between 15.9 to 18.6 months. Savings across 3 years will be an estimated S\$20,000.

As agreed over our telephone conversation on the evening of 14 August 2023, we agree to an extension of the testing till your next electrical bill arrives. Please inform me once the bill has arrived. Thank you for your support.

Damien Cheong  
 Director

*PS - (The Optimizer was first installed and running on 6 August 2023. Your Service Manager JX also checked and confirmed on 14 August that the Optimizer is connected, ie not on Bypass mode)*