



Energy Savings: 33.8%

Administered by: Agile8 Consulting Limited



Project - AC



ASM Pacific Technology installed a COOLNOMIX® unit on one of two Mitsubishi Daiya Package 30hp, 22kW Air-Conditioner units in the production area. The validation test ran over a period of three (3) months. The AC with COOLNOMIX® was toggled between on and off to ensure that COOLNOMIX® was having a direct impact on energy consumption. The air conditioner without COOLNOMIX® was used as a baseline.

Manufacturing	Baseline	COOLNOMIX®	Energy Saved	
One AC Unit	392.4 kWh	255.7 kWh	136.7 kWh	33.8%



Conclusion

The result of air conditioning operations with COOLNOMIX® installed indicated that the cooling system was significantly more energy efficient than expected while keeping room temperature stable.

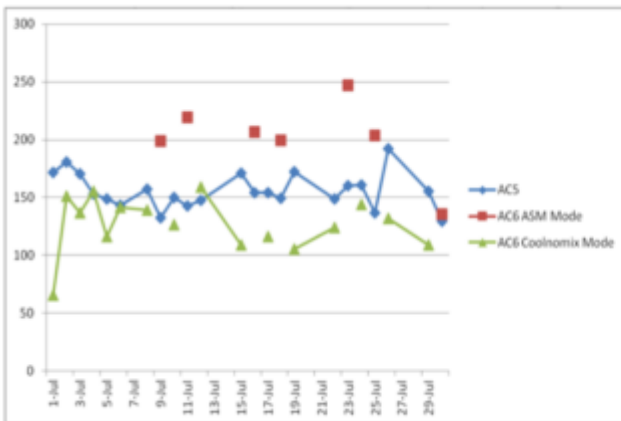


Figure 3. Summary of July, 2013 Data Points

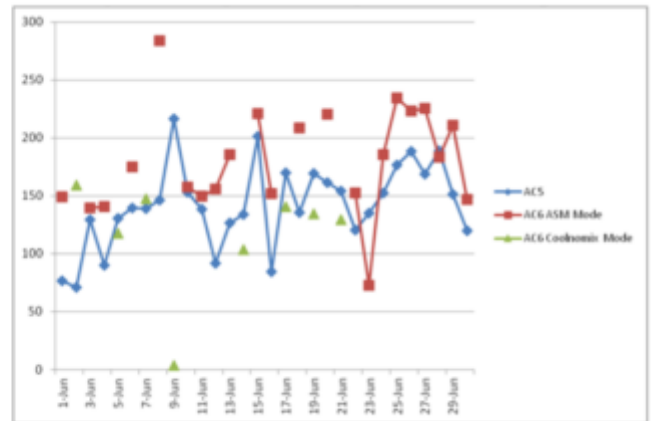


Figure 2. Summary of June, 2013 Data Points