

SAVINGS & SYSTEM DESCRIPTION

Total Energy

~14% Improvement

Measurement

Pre, Cleaned & Post Energy Calculation by Distributor

Unit

Trane RTAC275

Cooling Capacity

275 Tons

A/C Type

Air Cooled Chiller

Manufacturing Date

Sep 2009

Date

July 2022 to Jan 2023

Location

Thailand, Wholesale Store

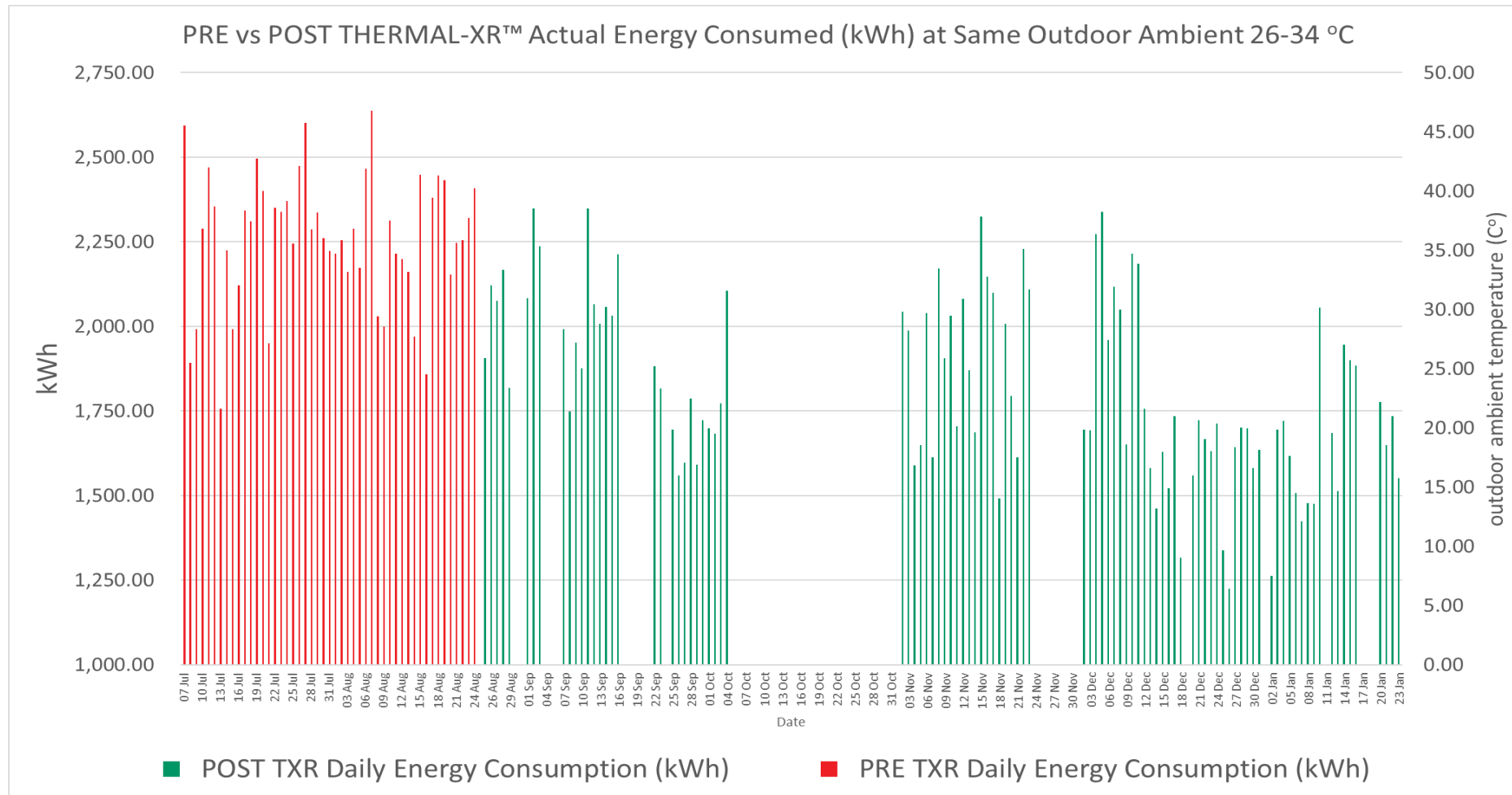


PROJECT DATES & TIMES

Step	Stage	Date	# of Days
1	Pre THERMAL-XR® Before Cleaning	7/7/22 to 14/7/22	7
2	Pre THERMAL-XR® After Cleaning	15/7/22 to 24/8/22	40
3	THERMAL-X®R Application		-
4	Post THERMAL-XR®	25/8/22 to 30/9/22	6
5	Post THERMAL-XR® <i>(Data error due to periodically shutdown of chiller)</i>	5/10/22 to 1/11/22	-
5	Post THERMAL-XR®	2/11/22 to 24/1/23	84



TOTAL ENERGY CONSUMPTION



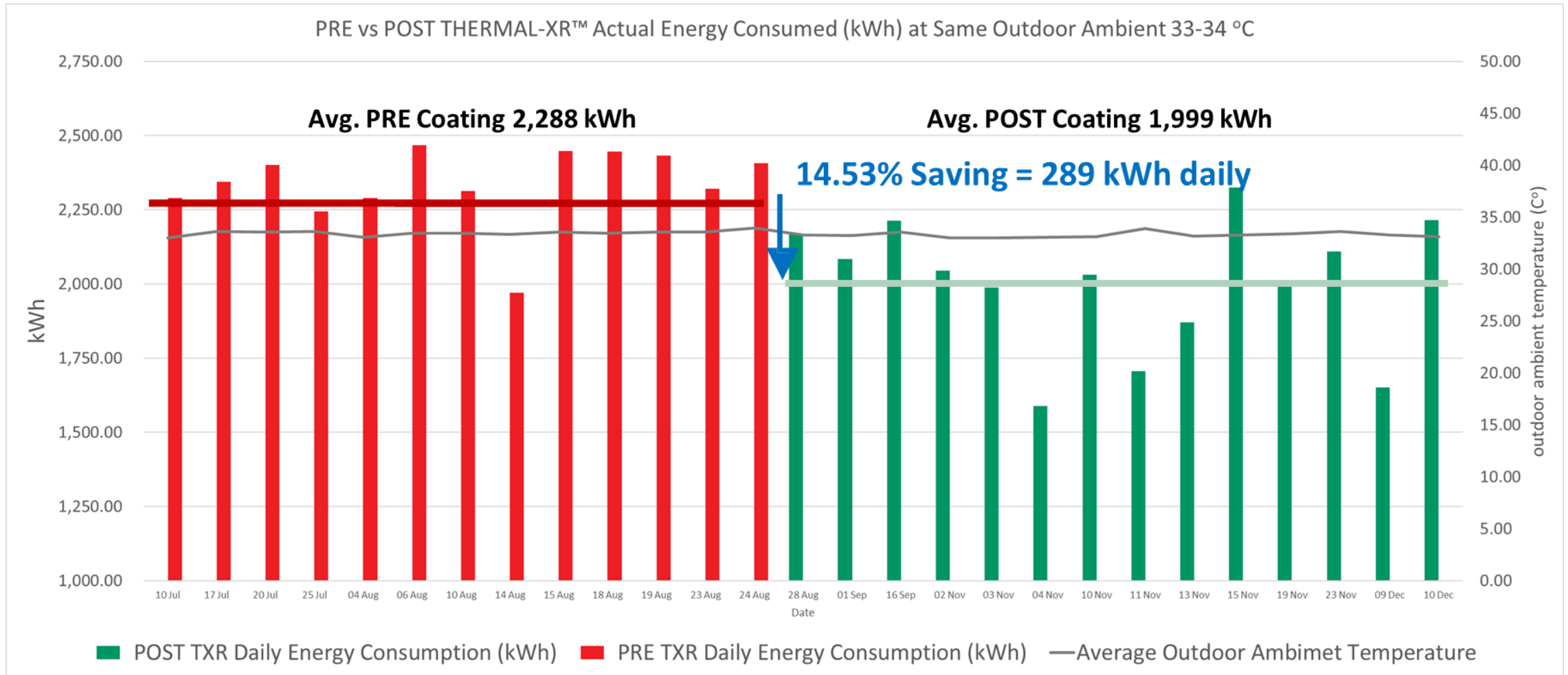
Note - 8:00-17:00 is recorded time in a day energy consumption

Scenario 1 **Daily Energy Consumption Profile**

Scenario 2 **Energy Bill**

***Note, all scenarios were compared at the same outdoor ambient conditions**

SCENARIO 1 | DAILY ENERGY CONSUMPTION (TEMPERATURE)

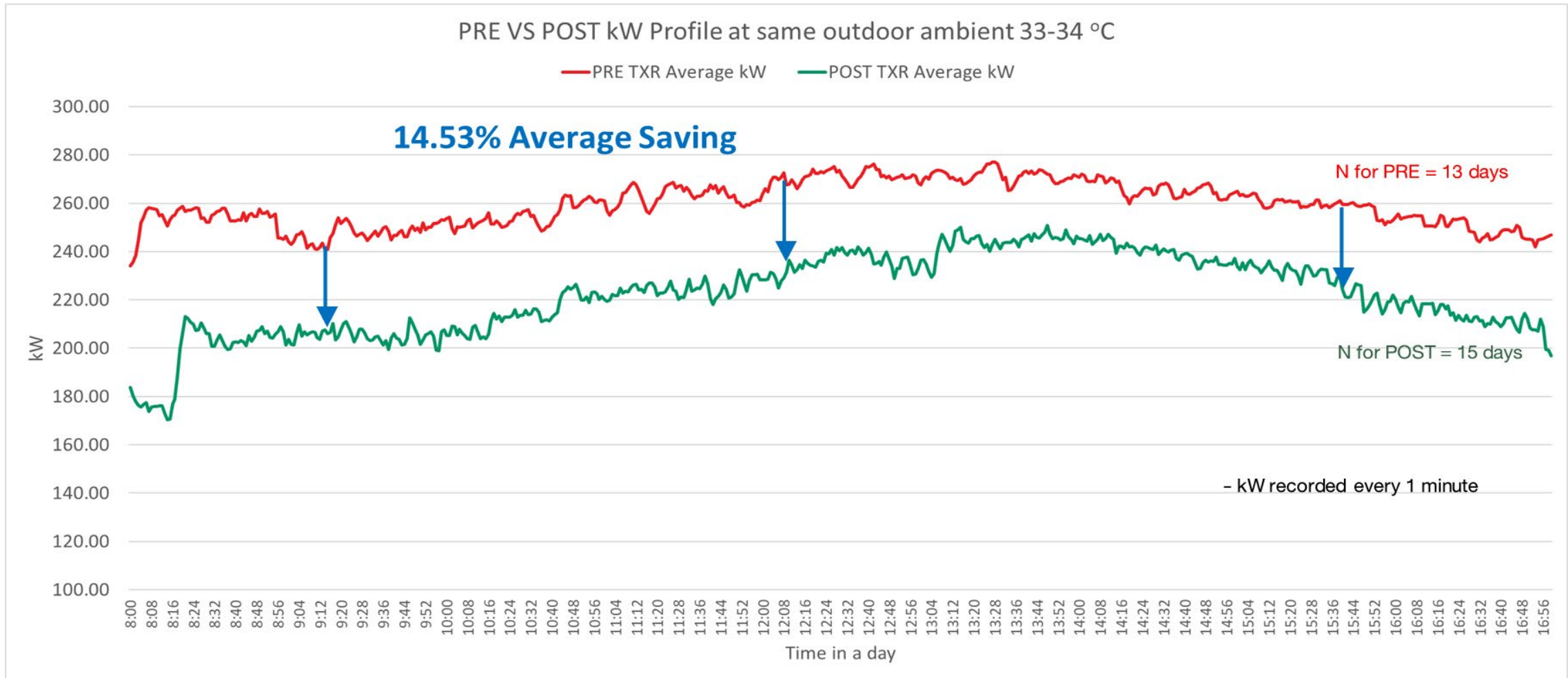


Note - 8:00-17:00 is recorded time in a day energy consumption

*GMG & Distributor Disclaimer Applies

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SCENARIO 1 | DAILY ENERGY CONSUMPTION (AMBIENT)

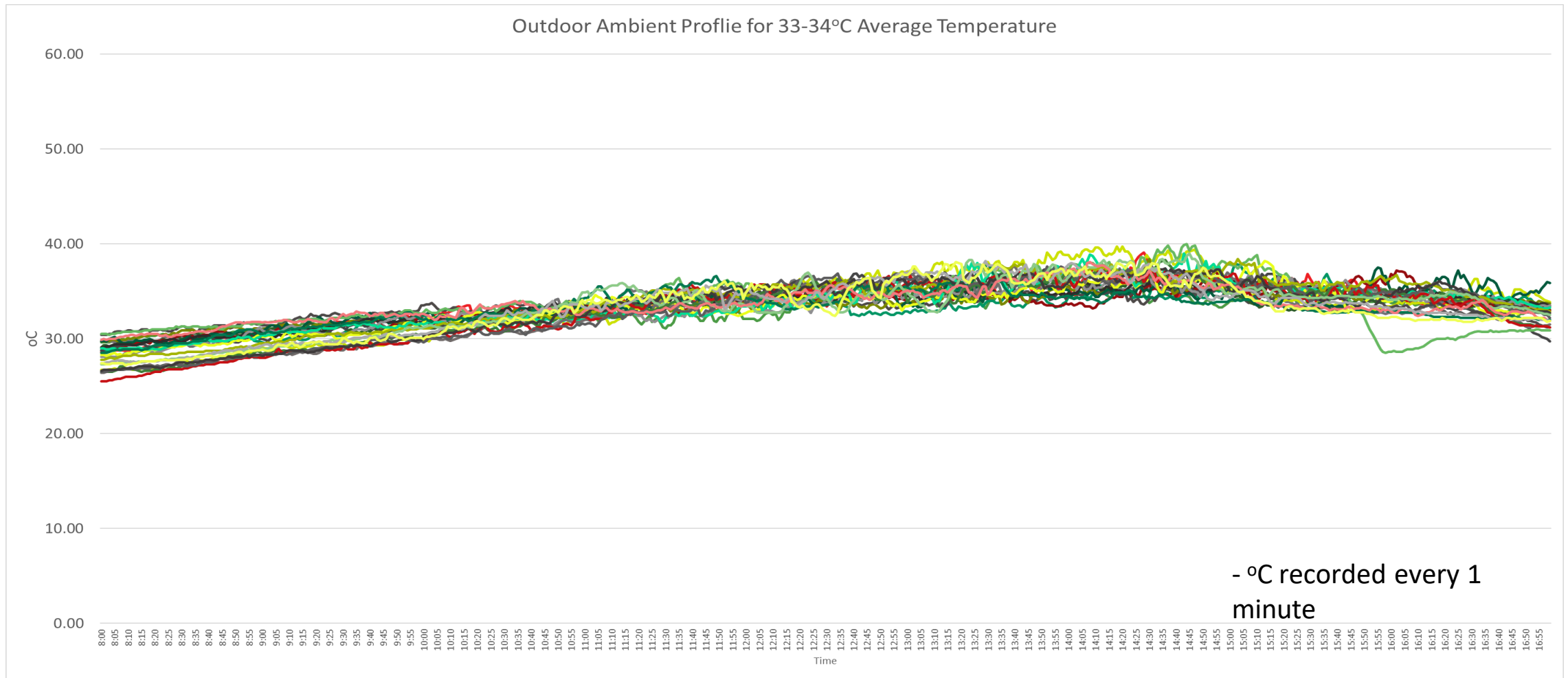


Note - 8:00-17:00 is recorded time in a day energy consumption

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SCENARIO 1 | DAILY ENERGY CONSUMPTION (AMBIENT)



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