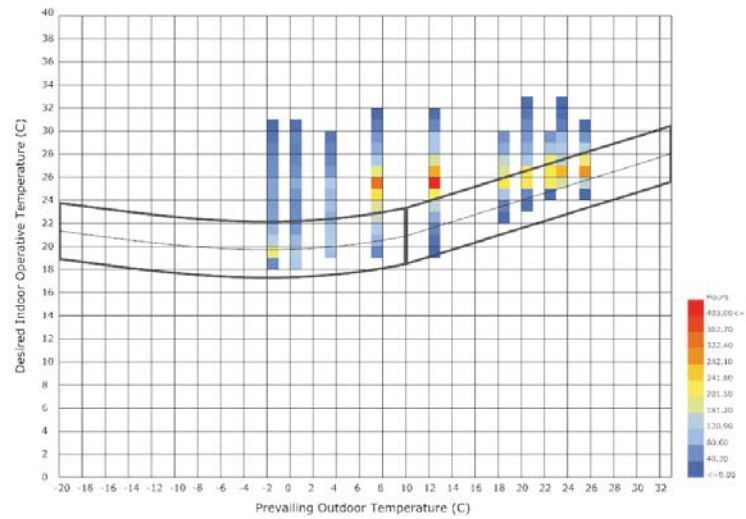
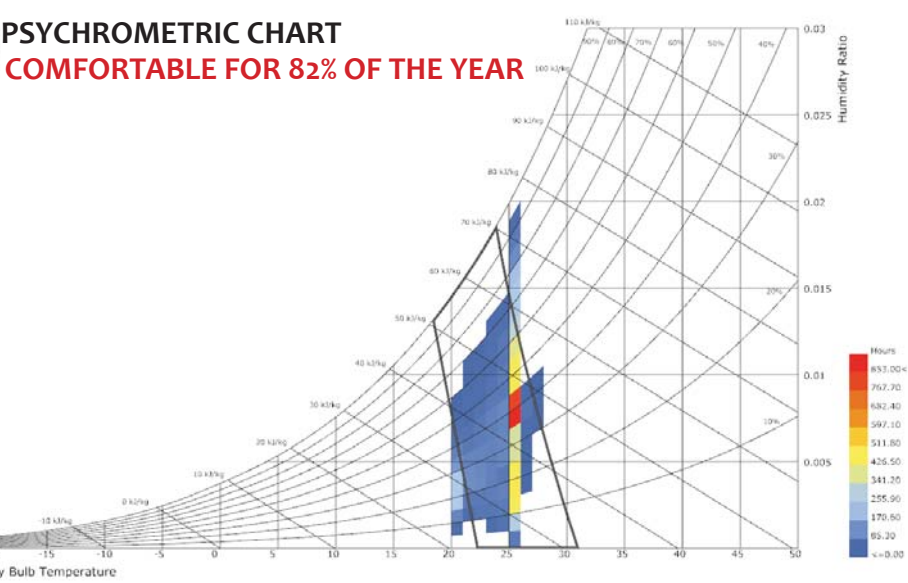


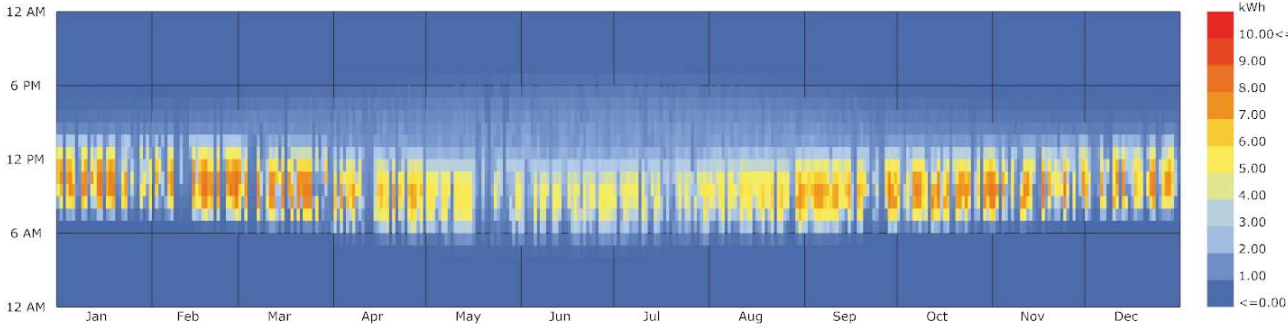
BASELINE



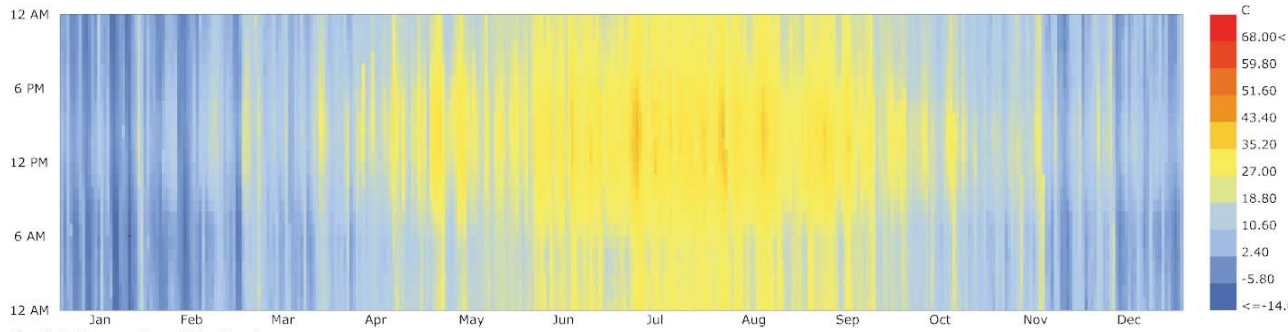
ADAPTIVE COMFORT CHART
COMFORTABLE FOR 46% OF THE YEAR



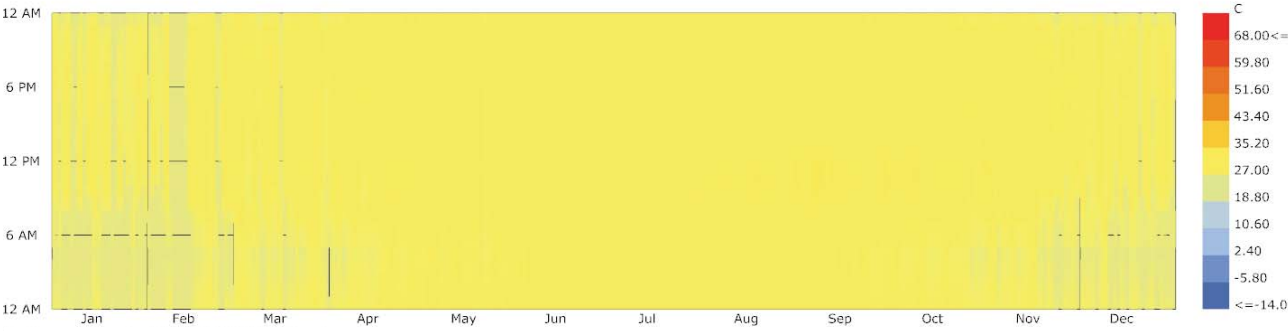
PSYCHROMETRIC CHART
COMFORTABLE FOR 82% OF THE YEAR



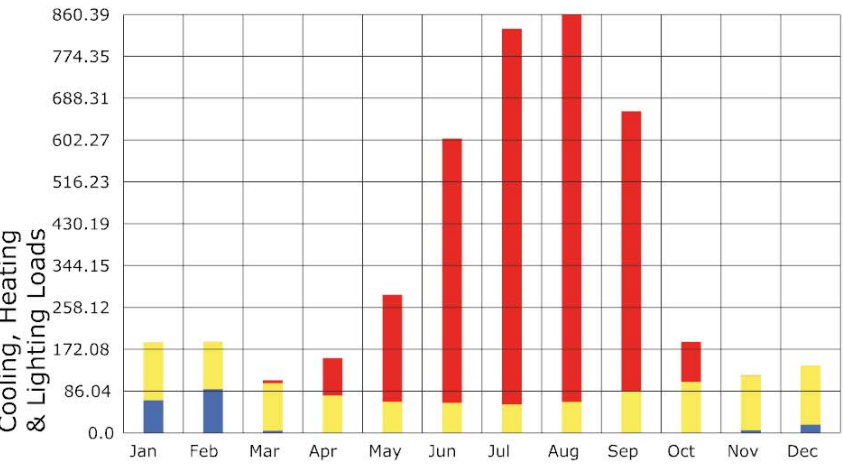
INTERNAL SOLAR GAIN



OUTDOOR TEMPERATURE

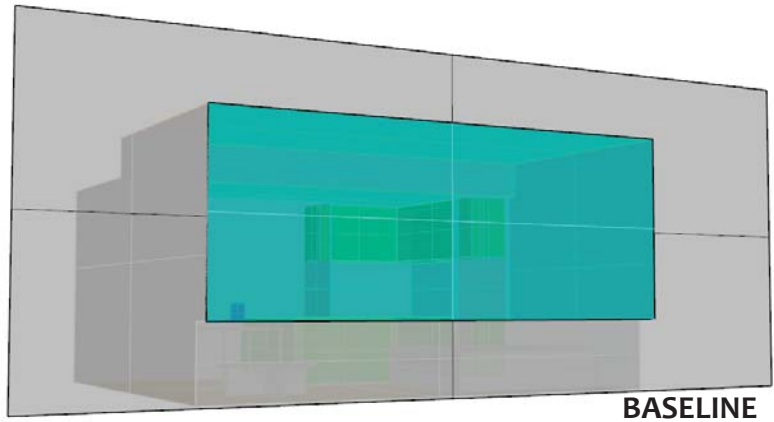


INDOOR TEMPERATURE

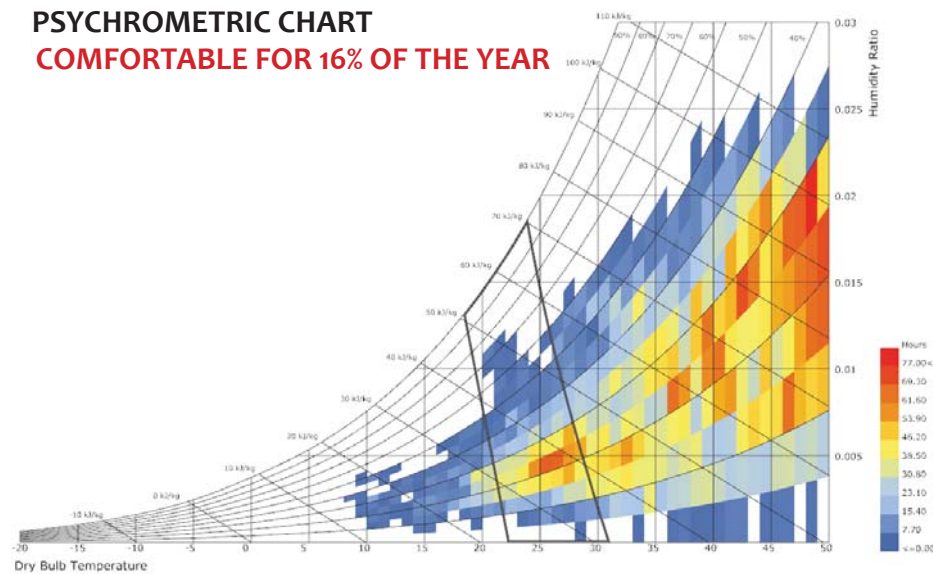


COOLING : 3076 kWh
LIGHTING : 1063 kWh
HEATING : 185 kWh

ENERGY USE LOADS

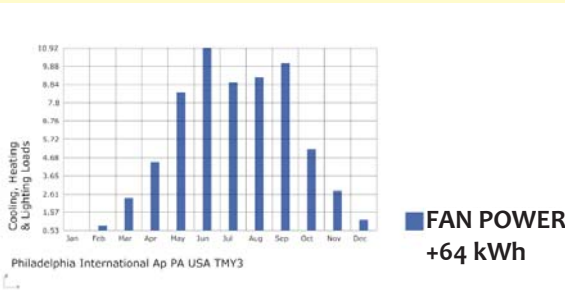


PSYCHROMETRIC CHART
COMFORTABLE FOR 16% OF THE YEAR

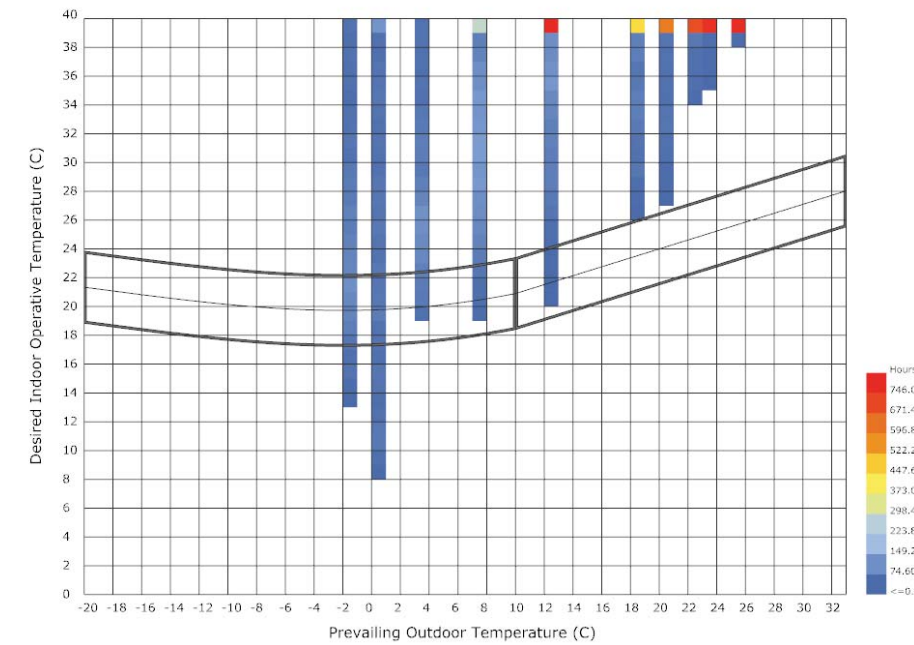


INTRODUCTION OF NATURAL VENTILATION
WHEN INTERNAL TEMPERATURE
REACHES 24°C AND MAXIMUM OUTDOOR
TEMPERATURE IS 28°C

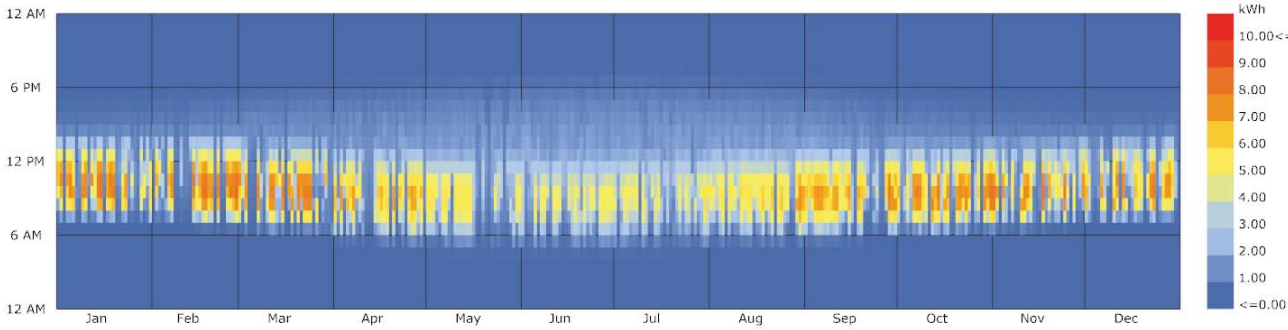
- 1. WINDOW BASED: 58%
- 2. CUSTOM CHIMNEY OBJECT: 54%
- 3. FAN-DRIVEN WITH NIGHT FLUSH: 24%



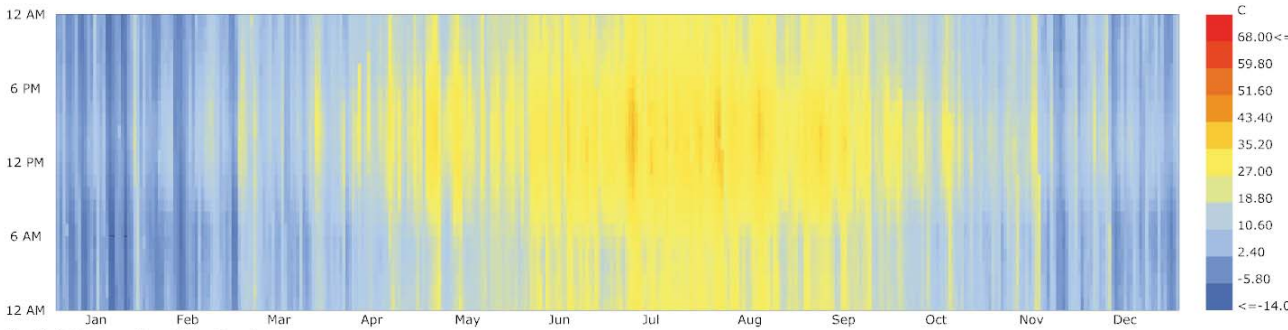
- 1. WINDOW BASED: 68%
- 2. CUSTOM CHIMNEY OBJECT: 58%
- 3. FAN-DRIVEN WITH NIGHT FLUSH: 30%



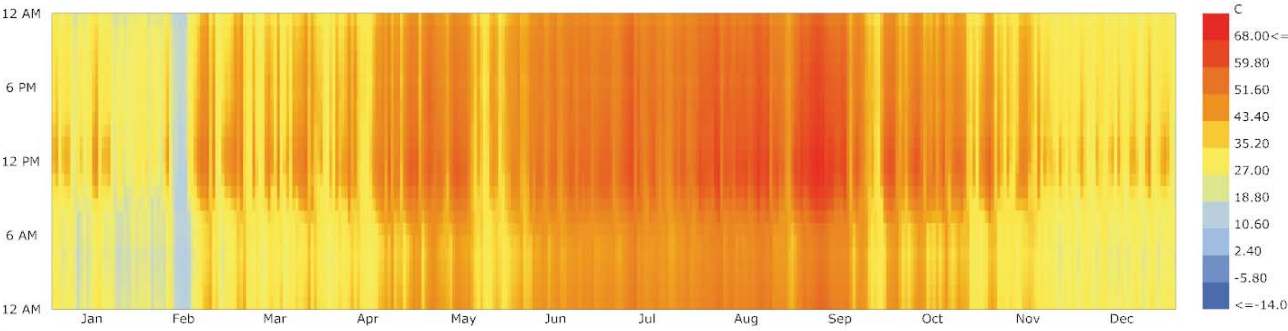
ADAPTIVE COMFORT CHART
COMFORTABLE FOR 6% OF THE YEAR



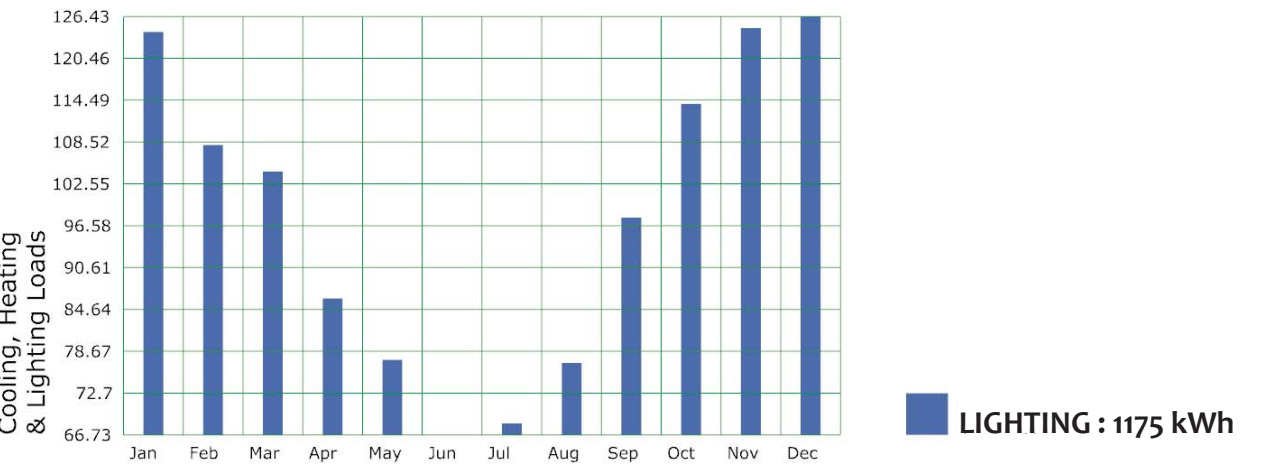
INTERNAL SOLAR GAIN



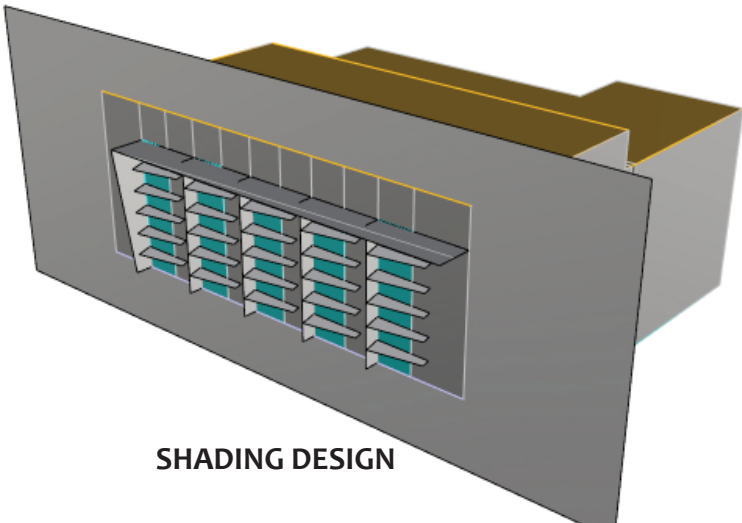
OUTDOOR TEMPERATURE



INDOOR TEMPERATURE

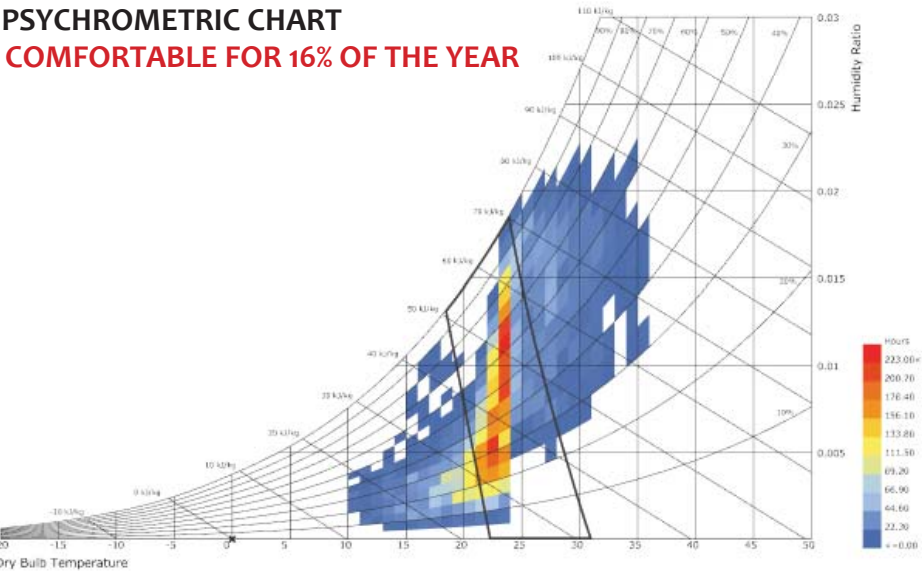


ENERGY USE LOADS



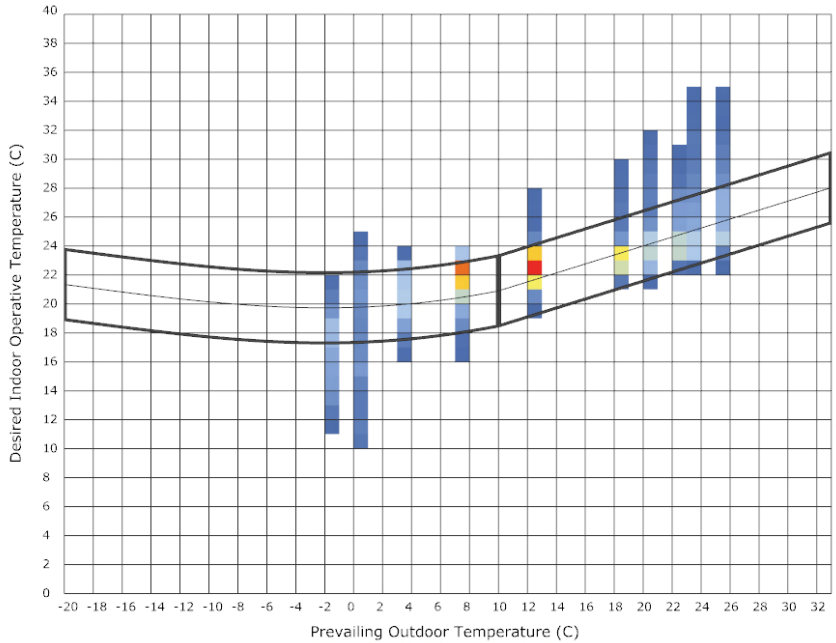
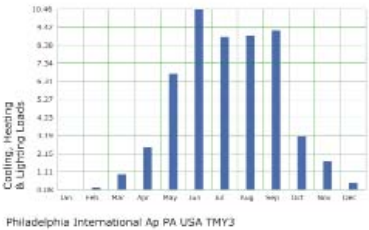
SHADING DESIGN

PSYCHROMETRIC CHART
COMFORTABLE FOR 16% OF THE YEAR



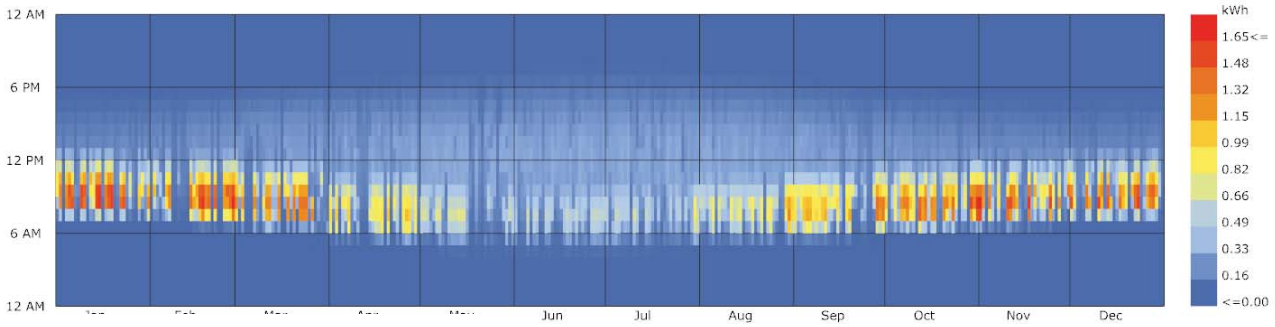
INTRODUCTION OF NATURAL VENTILATION
WHEN INTERNAL TEMPERATURE
REACHES 24°C AND MAXIMUM OUTDOOR
TEMPERATURE IS 28°C

- 1. WINDOW BASED: 64%
- 2. CUSTOM CHIMNEY OBJECT: 62%
- 3. FAN-DRIVEN WITH NIGHT FLUSH: 47%

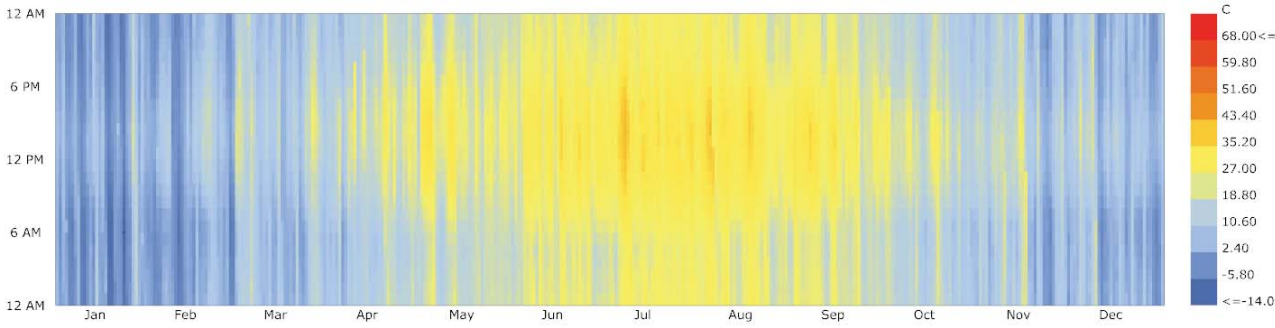


ADAPTIVE COMFORT CHART
COMFORTABLE FOR 6% OF THE YEAR

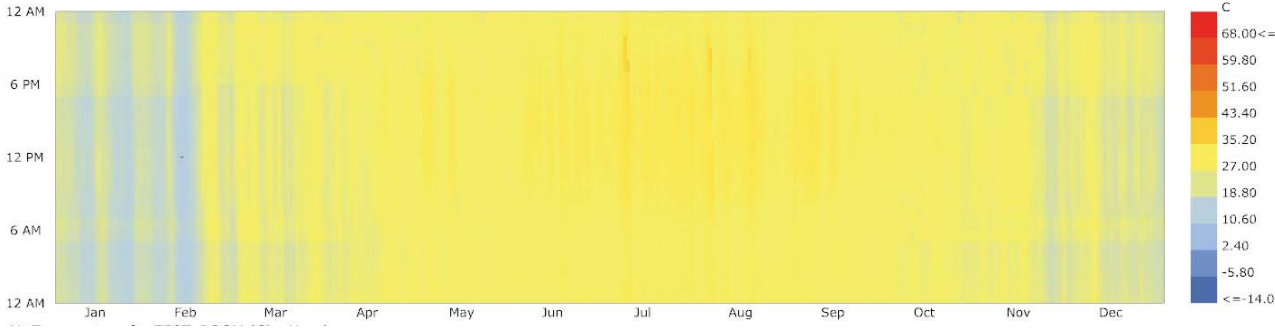
- 1. WINDOW BASED: 81%
- 2. CUSTOM CHIMNEY OBJECT: 79%
- 3. FAN-DRIVEN WITH NIGHT FLUSH: 31%



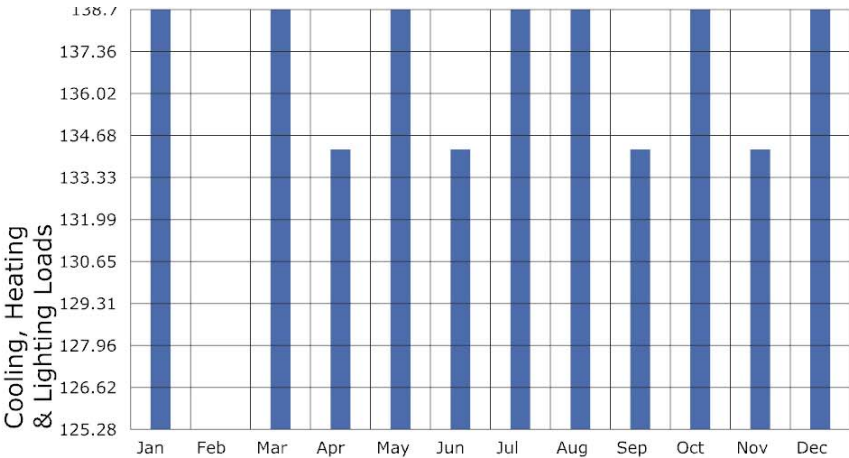
INTERNAL SOLAR GAIN



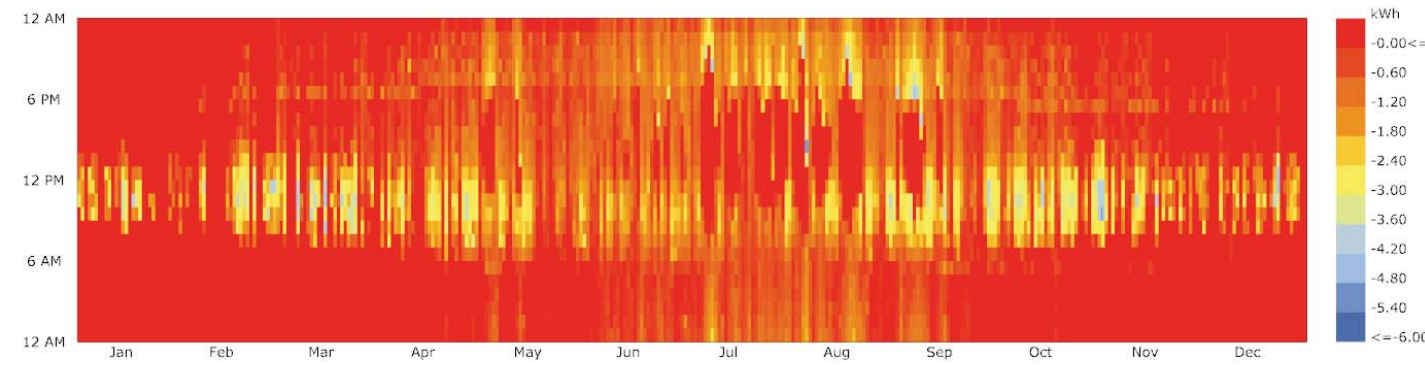
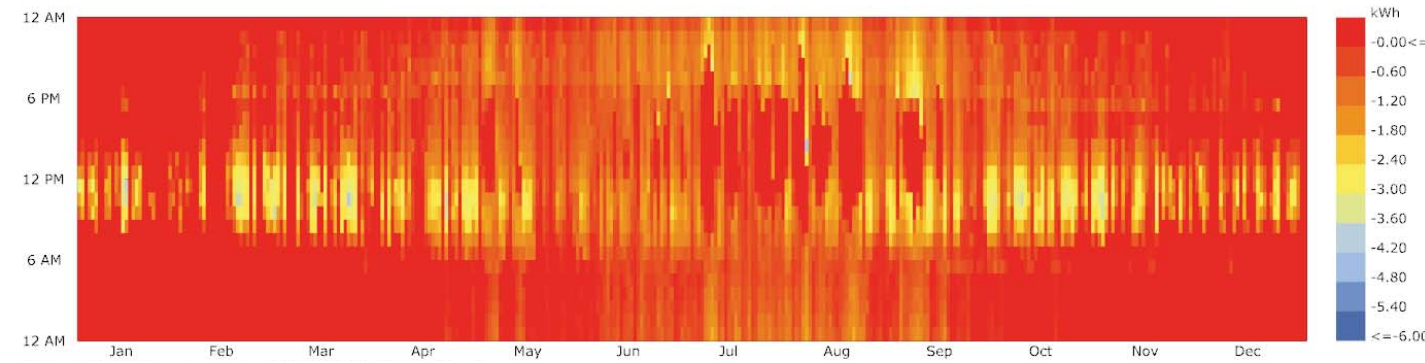
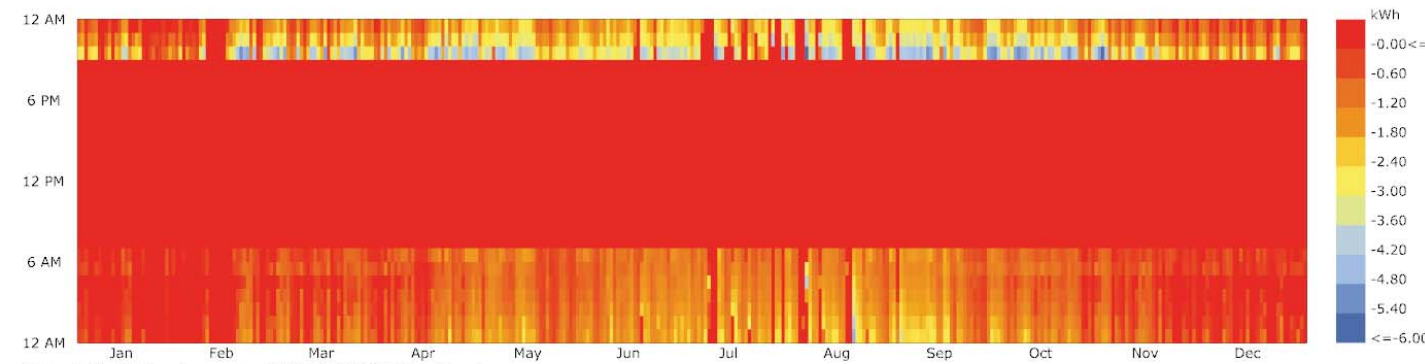
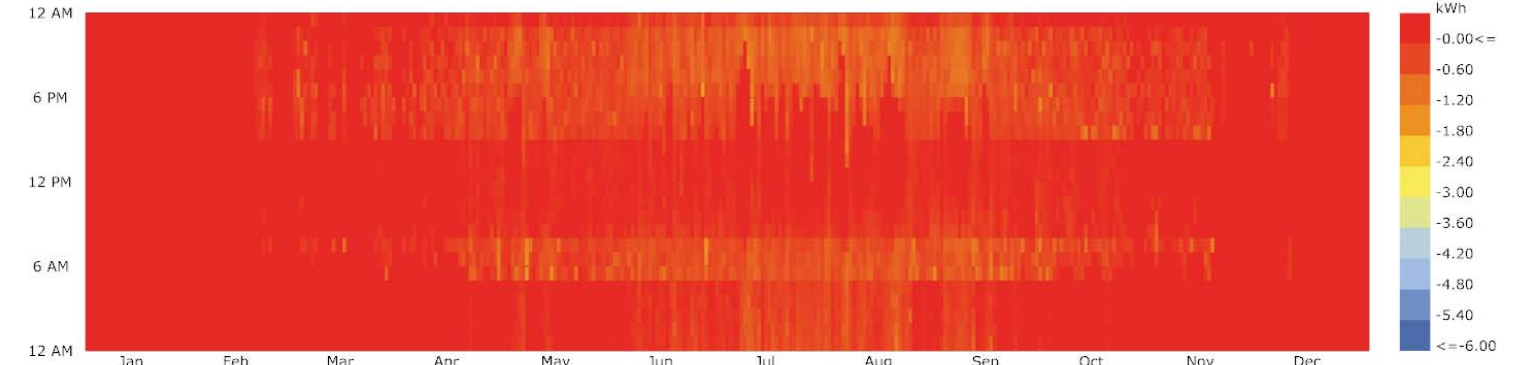
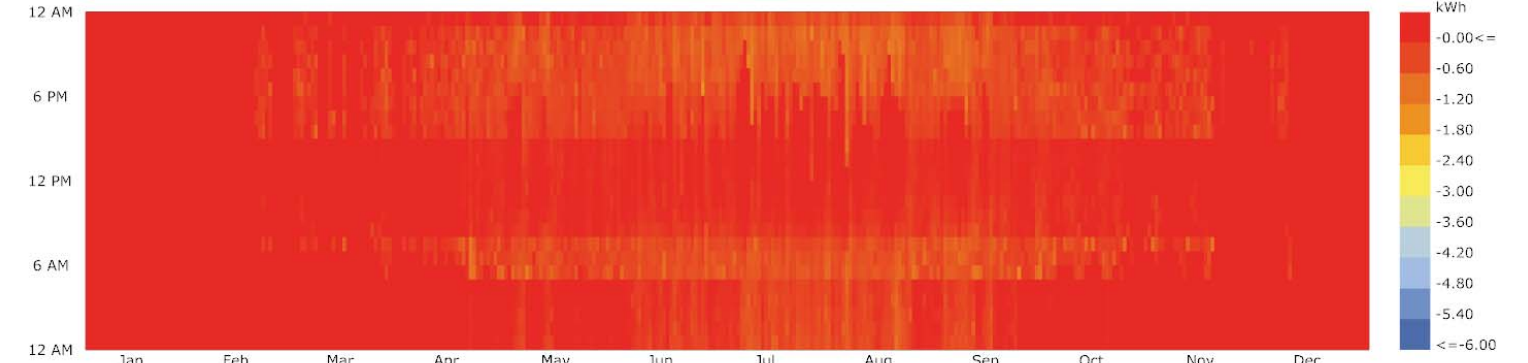
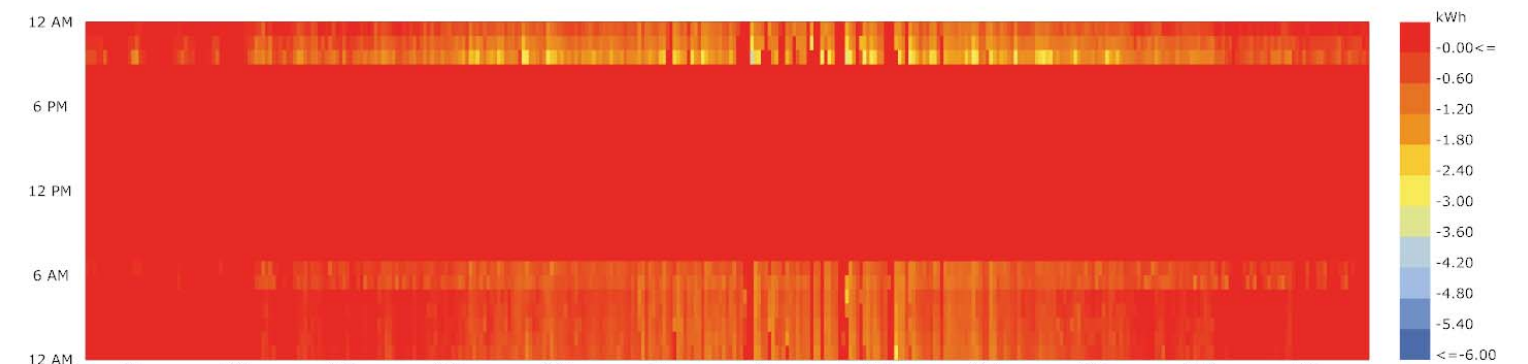
OUTDOOR TEMPERATURE



INDOOR TEMPERATURE



ENERGY USE LOADS

**1. WINDOW BASED:****PMV: 58%****ADAPTIVE: 68%****2. CUSTOM CHIMNEY OBJECT:****PMV: 54%****ADAPTIVE: 58%****3. FAN-DRIVEN WITH NIGHT FLUSH****PMV: 24%****ADAPTIVE: 30%****1. WINDOW BASED:****PMV: 64%****ADAPTIVE: 81%****2. CUSTOM CHIMNEY OBJECT:****PMV: 62%****ADAPTIVE: 79%****3. FAN-DRIVEN WITH NIGHT FLUSH****PMV: 31%****ADAPTIVE: 47%**