APPENDIX

(1)

A: Heating and cooling loads Total BUILDING with Topography.

Temperatures, Heat Gains and Energy Consumption - Untitled, MAIN BUILDING

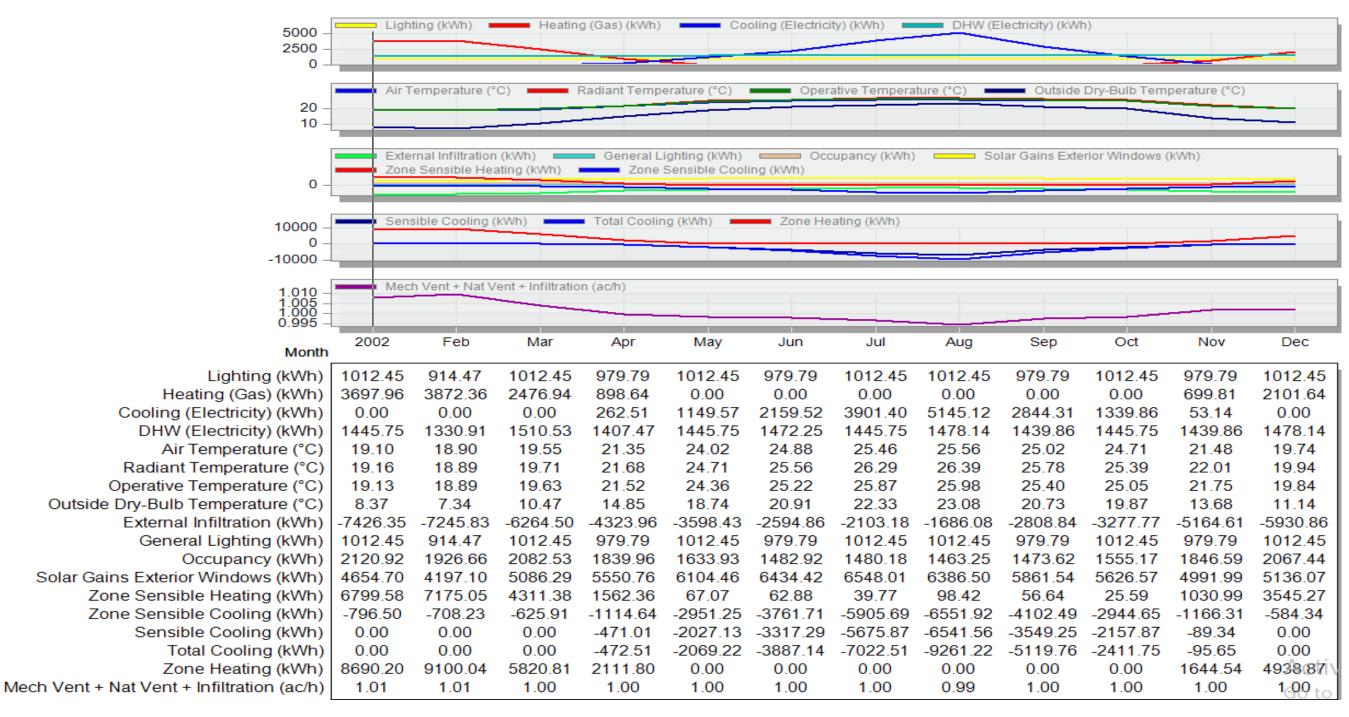


Fig (1): Pattern (1) Heating and cooling loads Total BUILDING with Topography

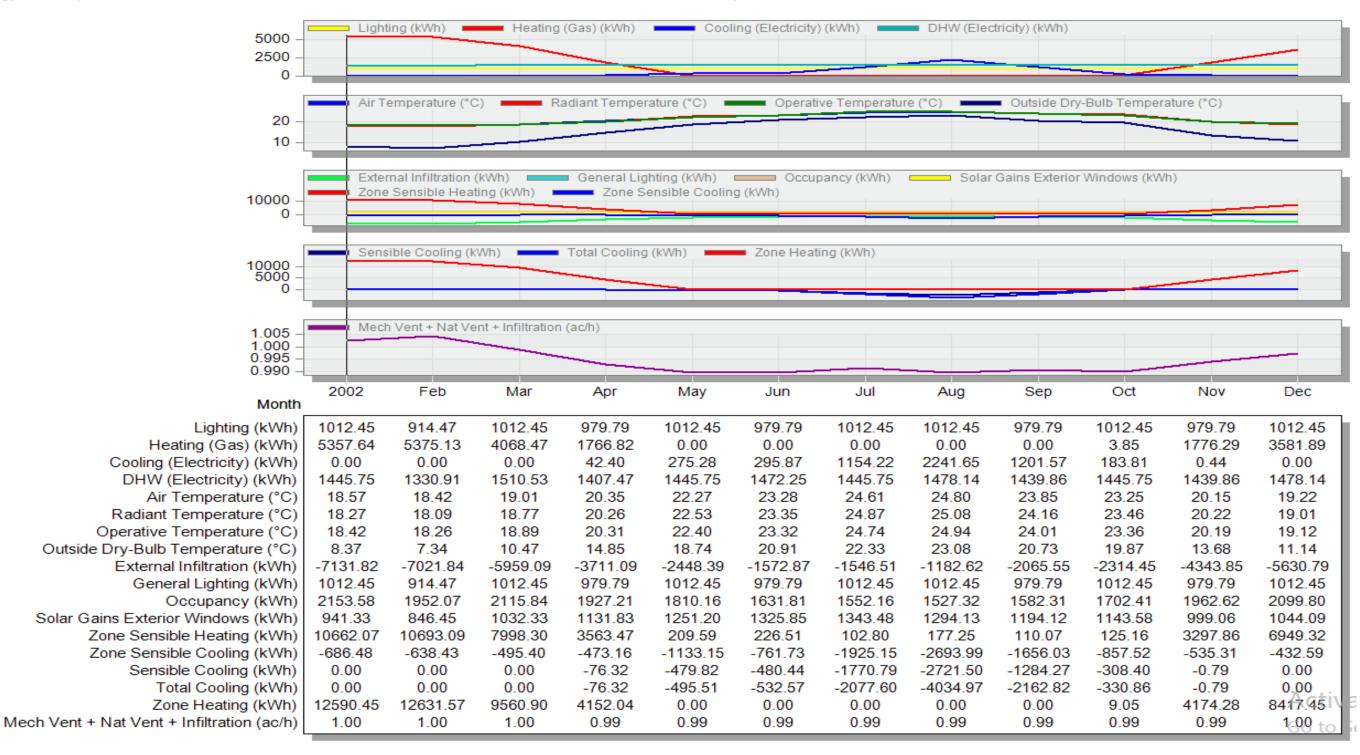


Fig (2): Pattern (2) Heating and cooling loads Total BUILDING with Topography

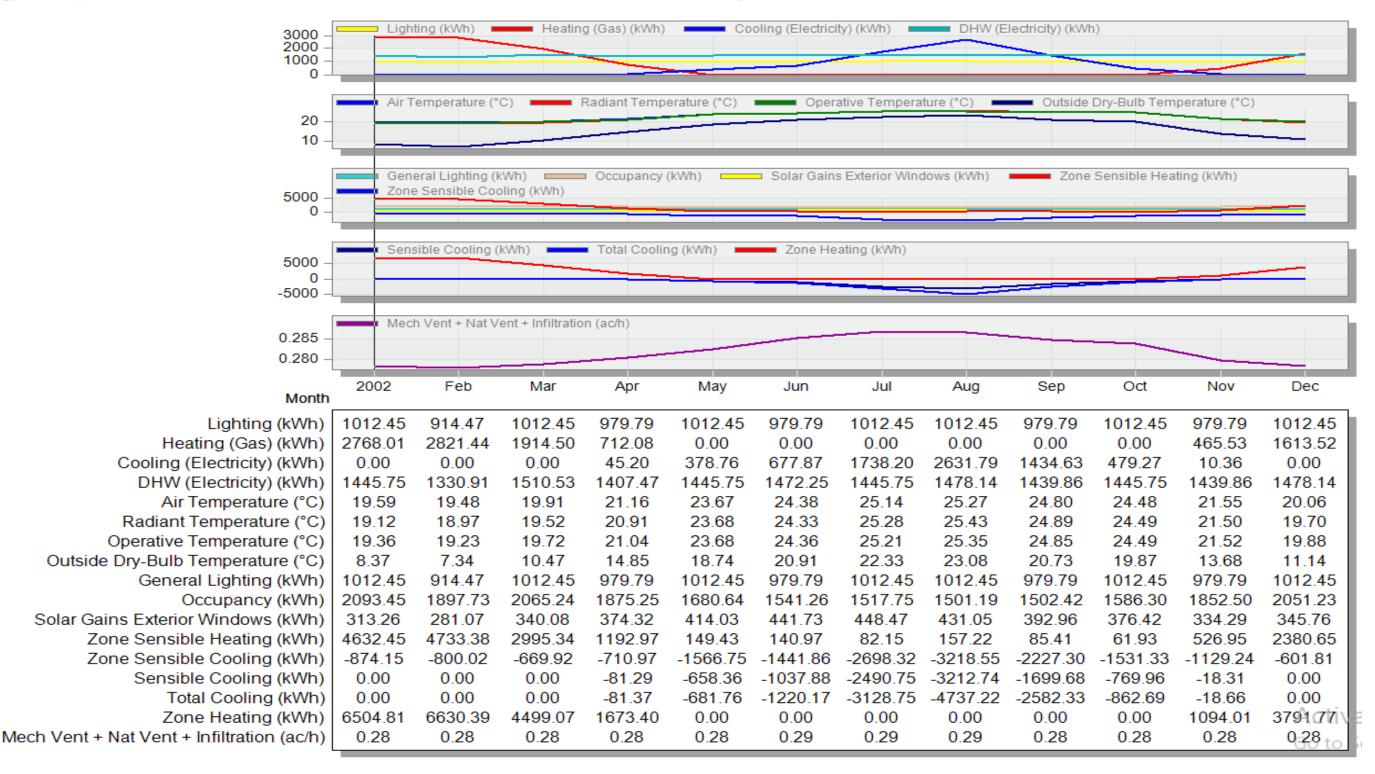


Fig (3): Pattern (3) Heating and cooling loads Total BUILDING with Topography.

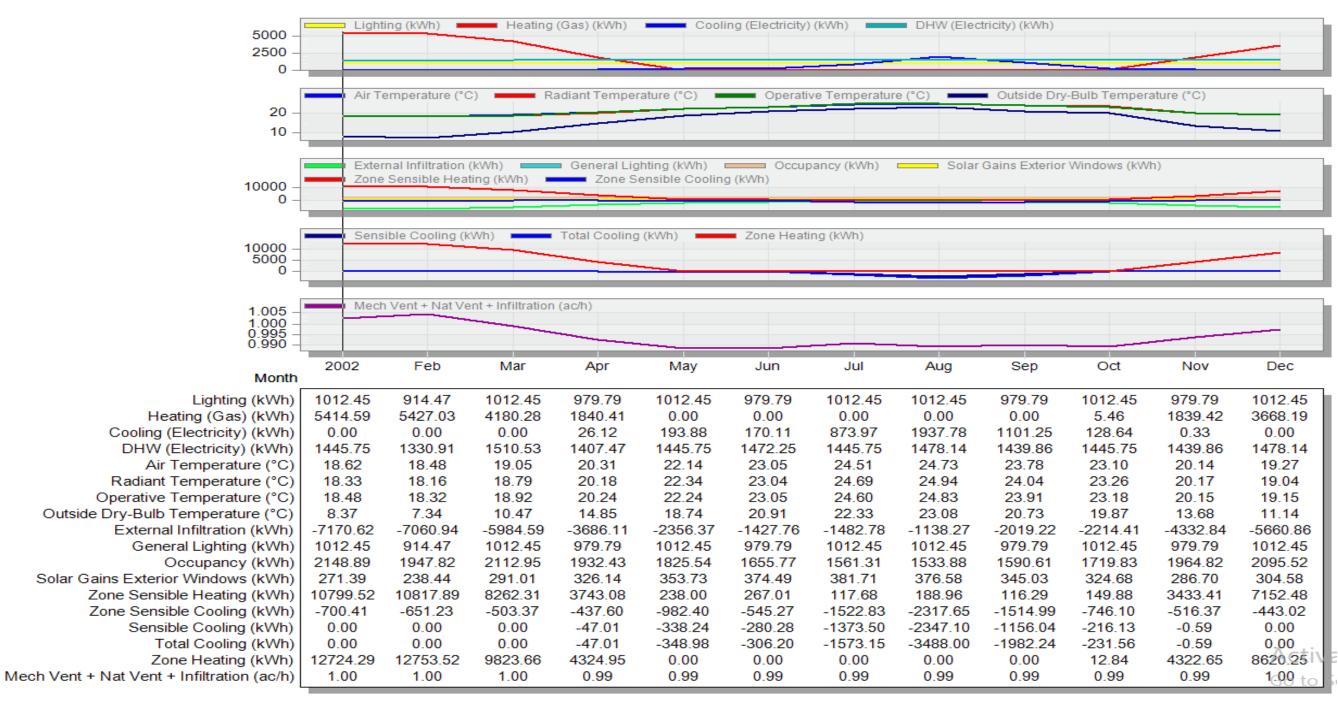


Fig (4): Pattern (4) Heating and cooling loads Total BUILDING with Topography.

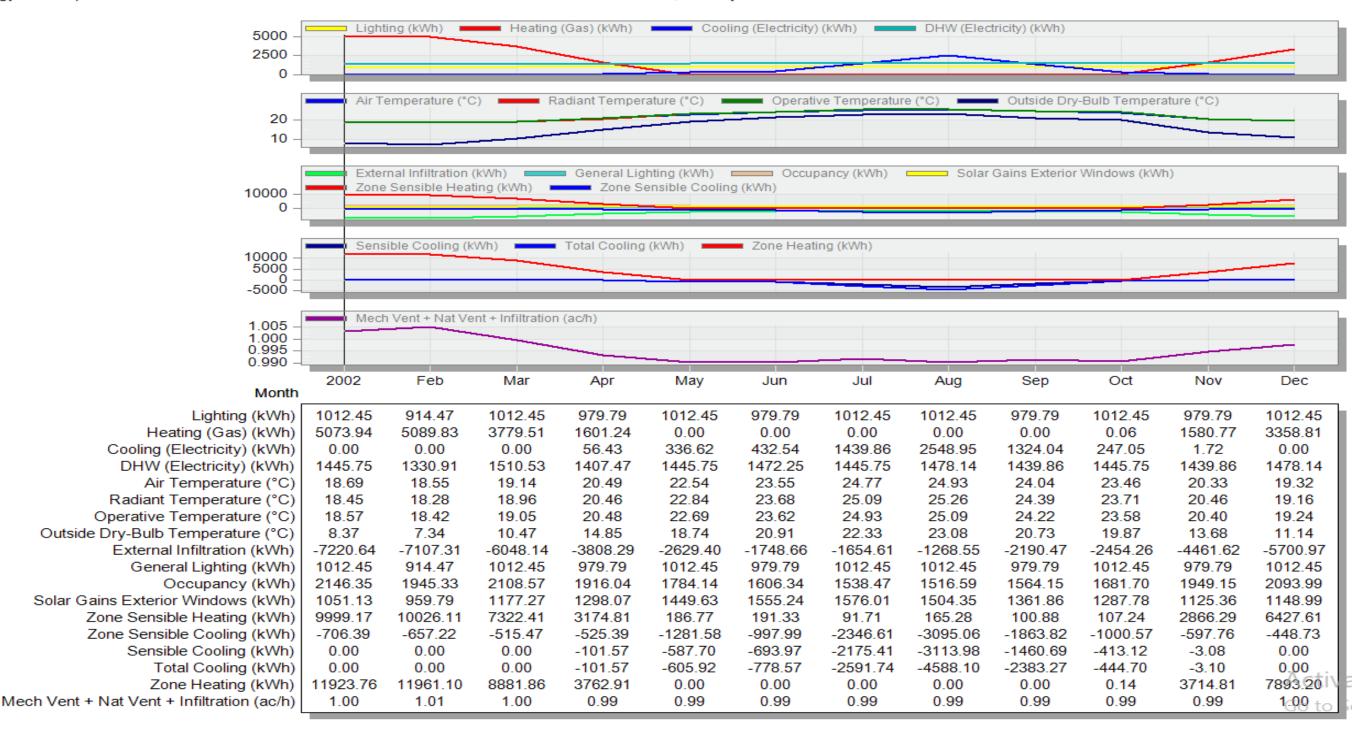


Fig (5): Pattern (5) Heating and cooling loads **Total BUILDING with Topography.**

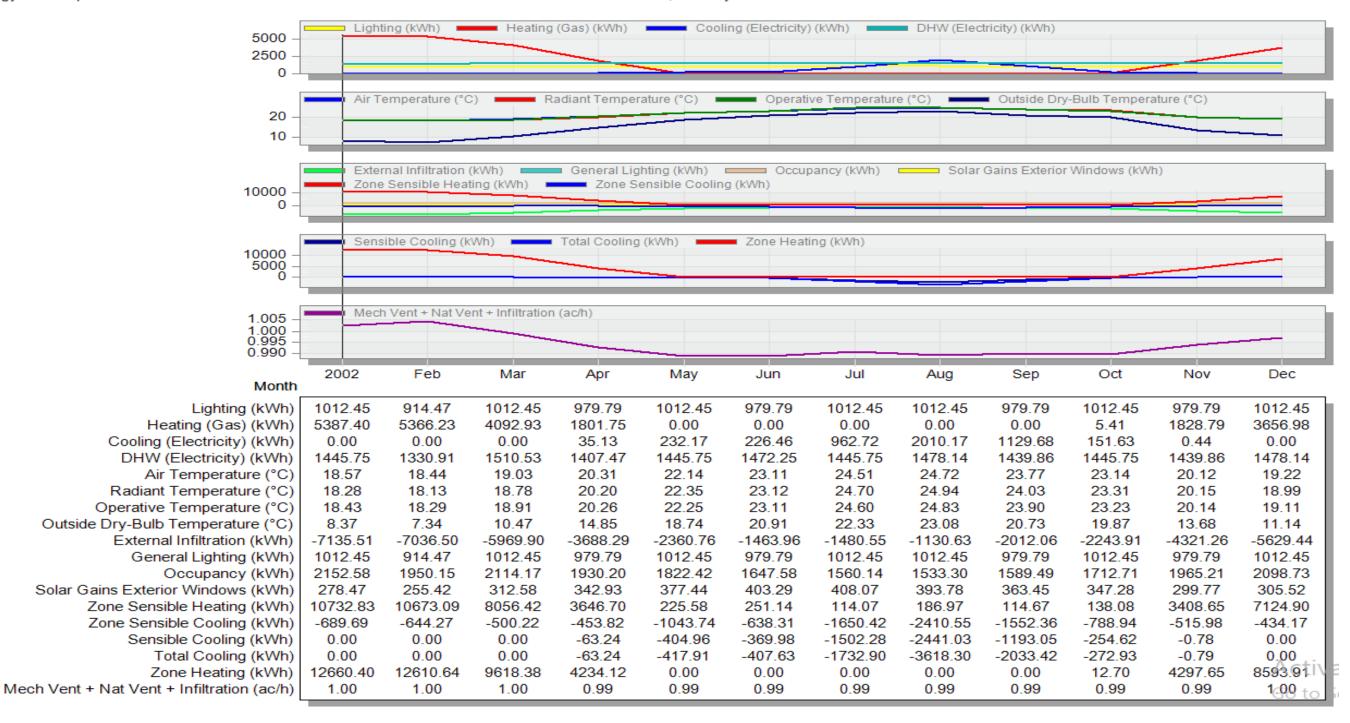


Fig (6): Pattern (6) Heating and cooling loads Total BUILDING with Topography.

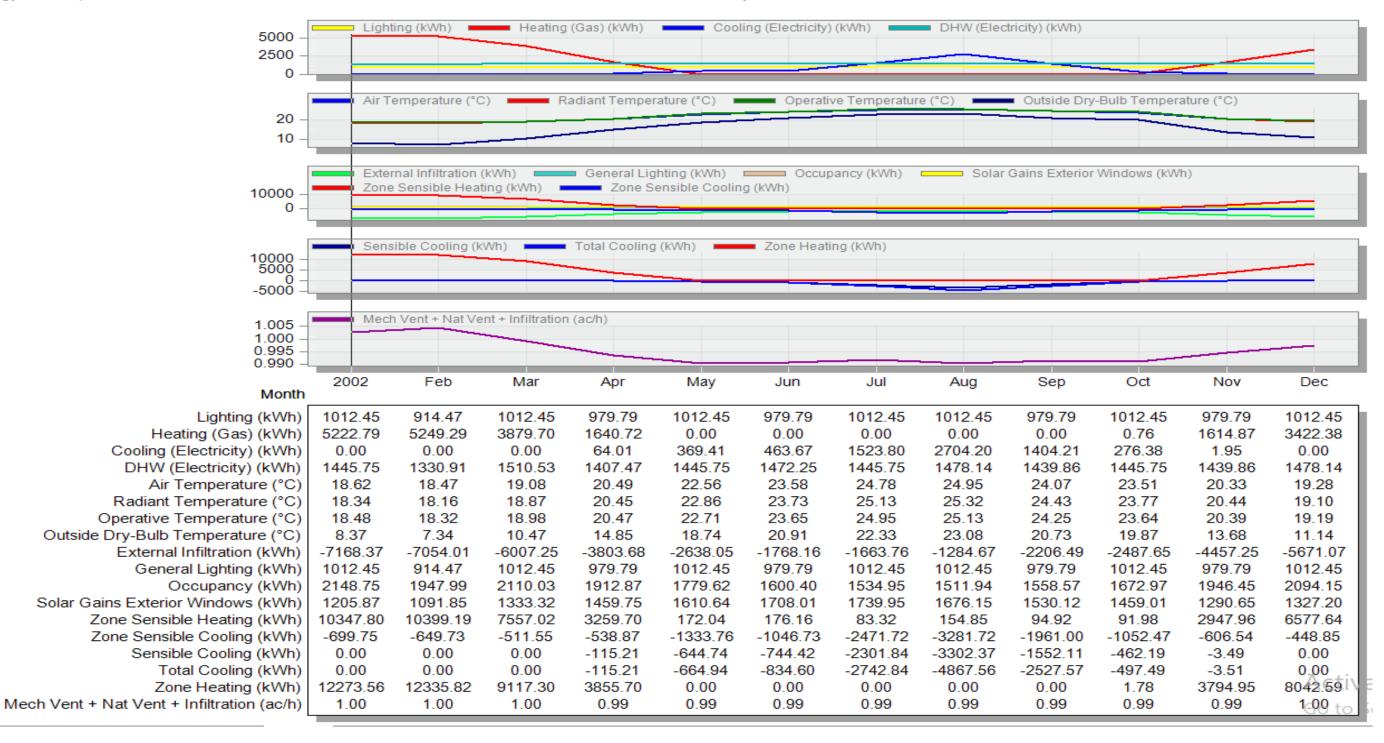


Fig (7): Pattern (7) Heating and cooling loads **Total BUILDING with Topography.**

B: Heating and cooling loads Total BUILDING with Topography.

Temperatures, Heat Gains and Energy Consumption - Untitled, MAIN BUILDING

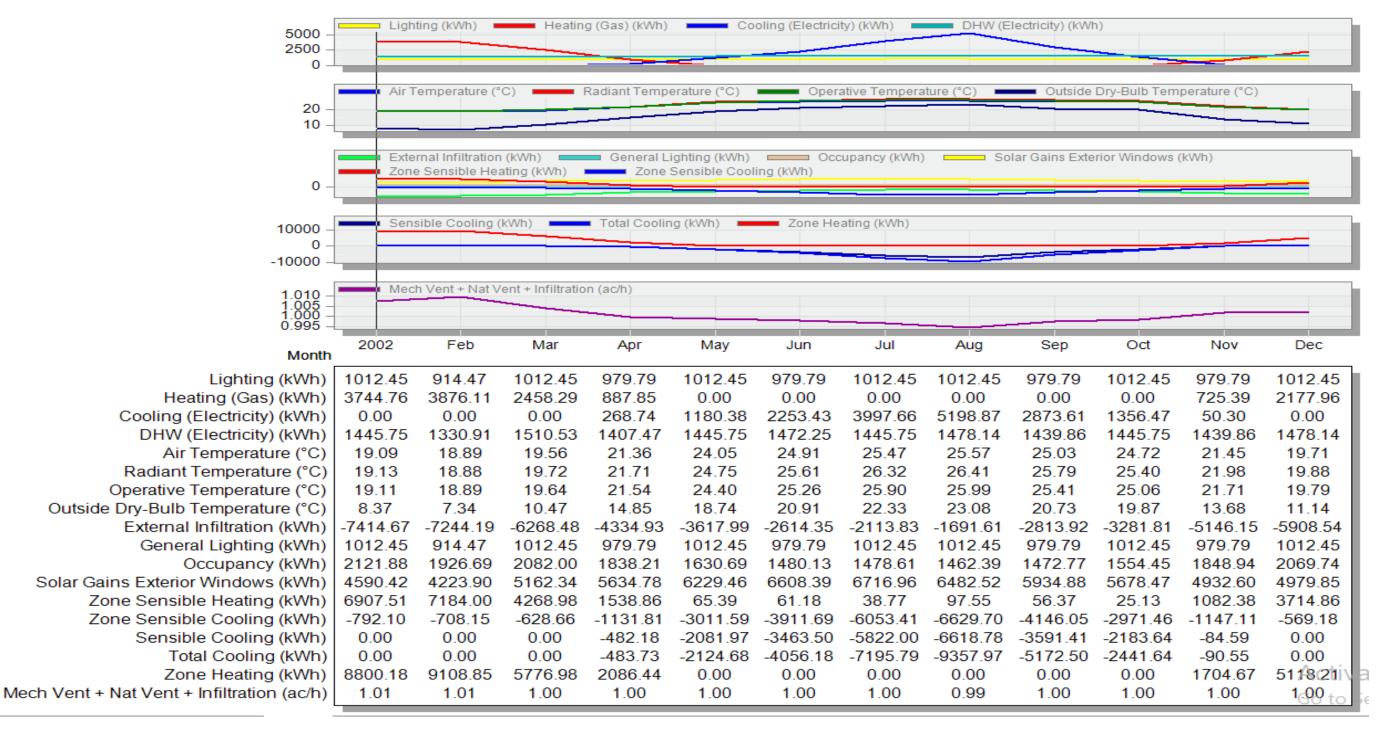


Fig (8): Pattern (1) Heating and cooling loads Total BUILDING without Topography

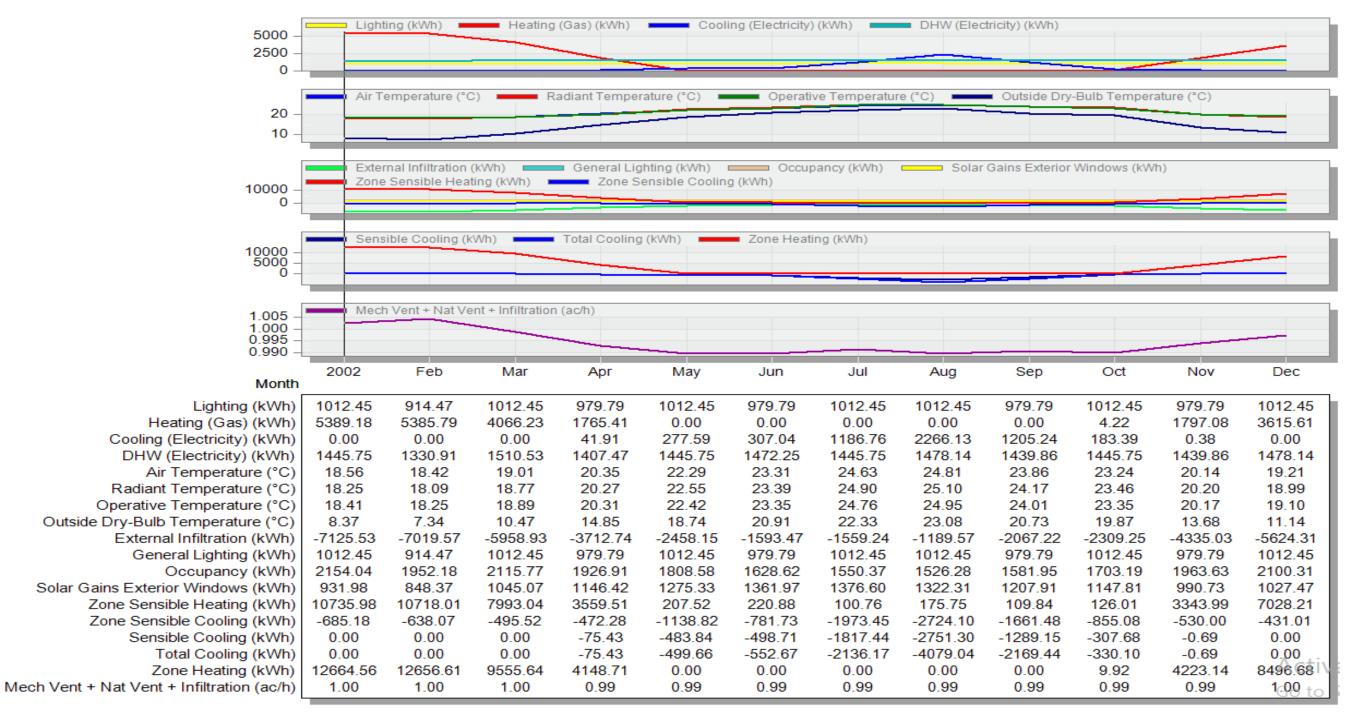


Fig (9): Pattern (1) Heating and cooling loads Total BUILDING without Topography

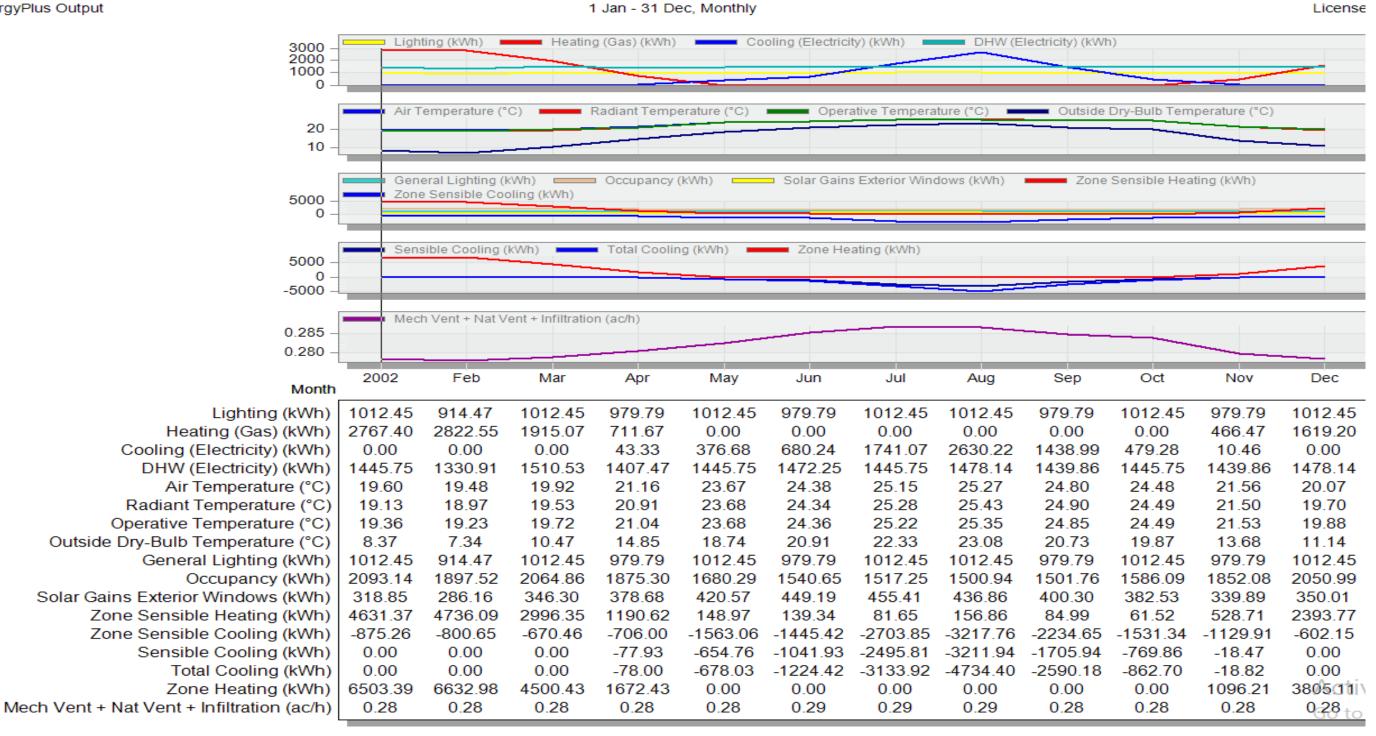


Fig (10): Pattern (3) Heating and cooling loads **Total BUILDING without Topography.**

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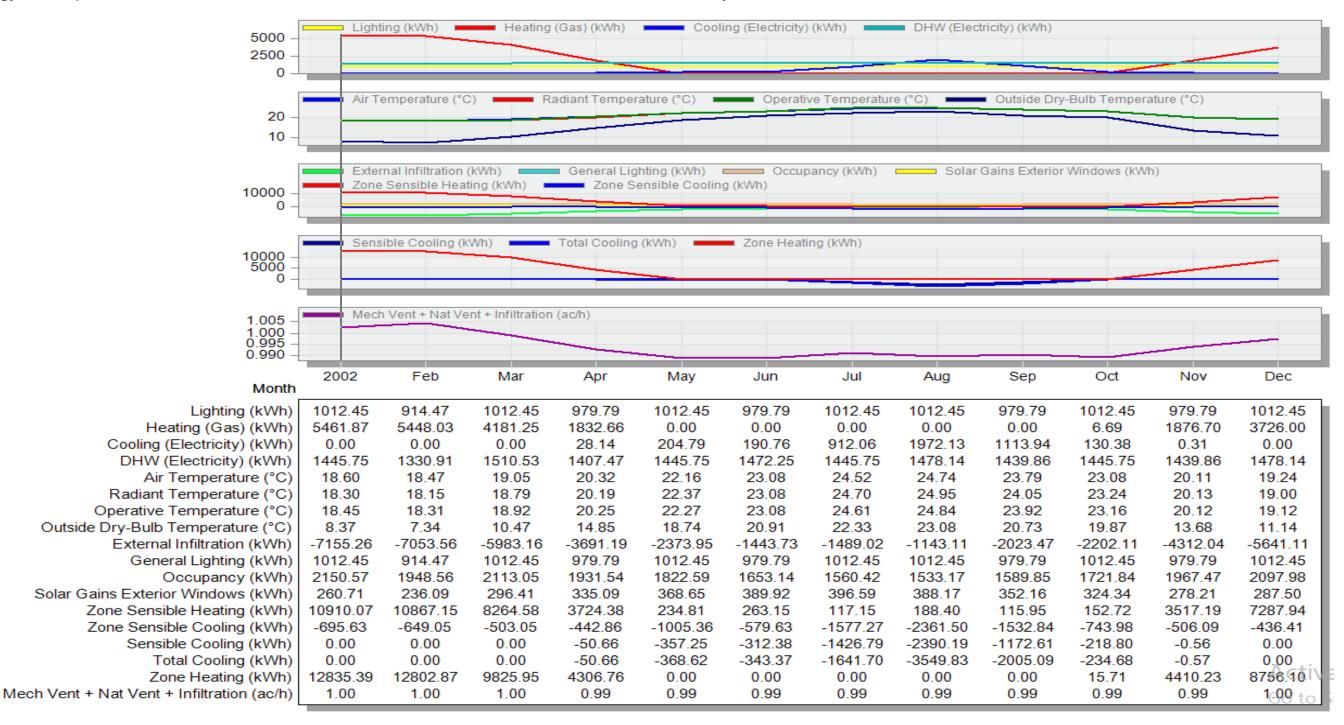
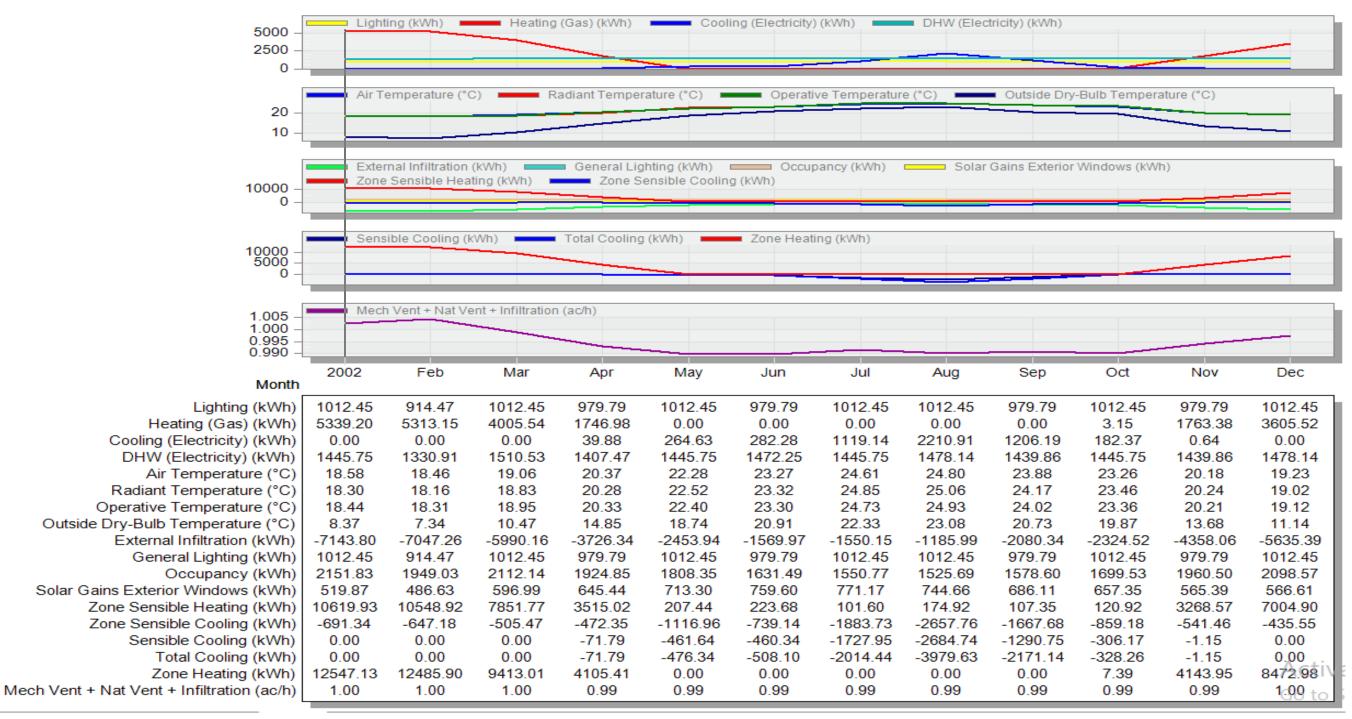


Fig (11): Pattern (4) Heating and cooling loads Total BUILDING without Topography.

EnergyPlus Output

1 Jan - 31 Dec, Monthly Licensed



Fig(12): Pattern (5) Heating and cooling loads **Total BUILDING without Topography.**

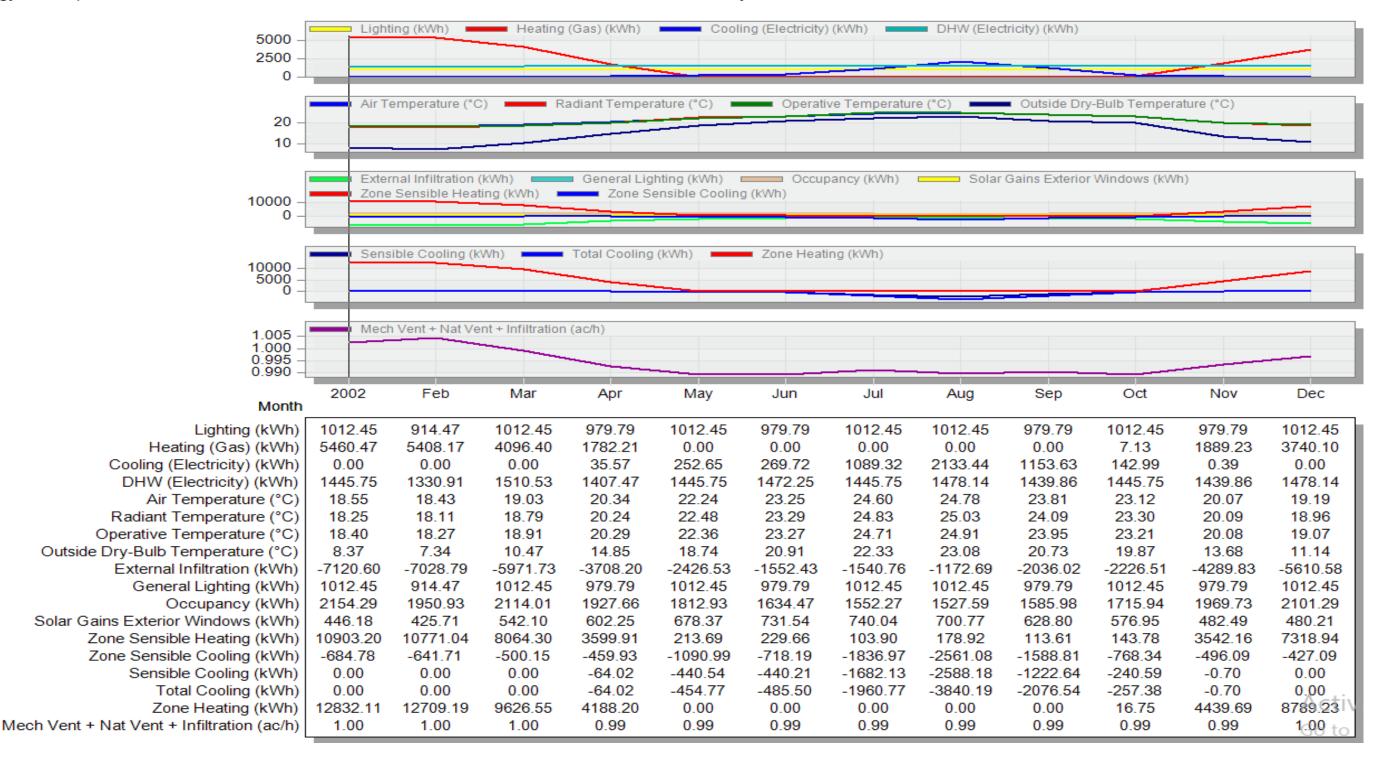
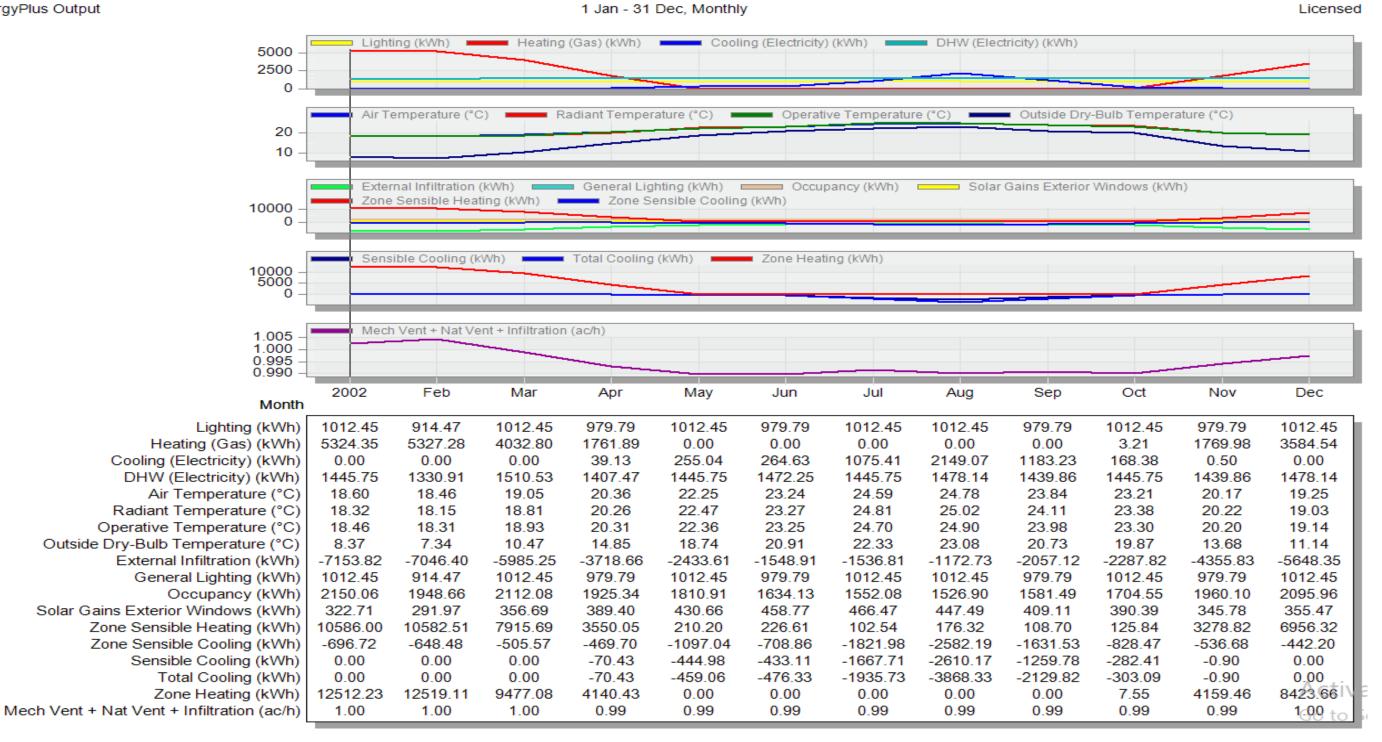


Fig (13): Pattern (6) Heating and cooling loads Total BUILDING without Topography.



Fig(14): Pattern (7) Heating and cooling loads Total BUILDING without Topography.