Hospital Calculation

Hospital Area 12,000 m² with 300 m² high intensity area. Electric heat is 900 kW and powerloads are 125 kW. Service is 120/208 three-phase.

Calculate;

1. Basic demand watts for building area
2. Demand watts for electric heating
3. Powerload and basic demand watts combined
4. Load-per-m² rating
5. Total demand watts for hospital
6. Total service amps