



$$\text{Average Load} = \frac{48 \times 6 + 60 \times 2 + 72 \times 4 + 60 \times 2 + 84 \times 4 + 96 \times 4 + 48 \times 2}{24} = 68 \text{ MW}$$

$$\text{Load Factor} = \frac{\text{Average Load}}{\text{Maximum Demand}} = \frac{68}{96} = 0.7083 \quad \therefore \text{Load Factor} = 0.7083$$