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Calculated load for services and feeders

8-200 Single dwellings (see Appendix B)

- Δ 1) The calculated load for the service or feeder supplying a single dwelling shall be based on the greater of Item a) or b):
- a)
- i) a basic load of 5000 W for the first 90 m² of living area (see Rule 8-110); plus
 - ii) an additional 1000 W for each 90 m² or portion thereof in excess of 90 m²; plus
 - iii) any electric space-heating loads provided for with demand factors as permitted in Section 62 plus any air-conditioning loads with a demand factor of 100%, subject to Rule 8-106 3); plus
 - iv) any electric range load provided for as follows: 6000 W for a single range plus 40% of any amount by which the rating of the range exceeds 12 kW; plus
 - v) any electric tankless water heaters or electric water heaters for steamers, swimming pools, hot tubs, or spas with a demand factor of 100%; plus
 - vi) except as permitted by Rule 8-106 11), any electric vehicle supply equipment loads with a demand factor of 100%; plus
 - vii) any loads provided for that have a rating in excess of 1500 W, in addition to those outlined in Items i) to vi), at
 - A) 25% of the rating of each load, if an electric range has been provided for; or
 - B) 100% of the combined load up to 6000 W, plus 25% of the combined load that exceeds 6000 W, if an electric range has not been provided for; or
- b)
- i) 24 000 W where the floor area, exclusive of the basement floor area, is 80 m² or more; or
 - ii) 14 400 W where the floor area, exclusive of the basement floor area, is less than 80 m².
- Δ 2) The calculated load for the consumer's service or feeder conductors supplying two or more dwelling units of row housing shall be based on
- a) the calculated load in the dwelling unit, as determined in accordance with Subrule 1), excluding any electric space-heating loads and any air-conditioning loads, with application of demand factors to the calculated loads as required by Rule 8-202 3) a) i) to v); plus
 - b) the requirements of Rule 8-202 3) b) to e).
- 3) Notwithstanding Rule 86-302, the total load calculated in accordance with either Subrule 1) or 2) shall not be considered to be a continuous load for application of Rule 8-104.