



## APARTMENT BUILDING SERVICE DEMAND CALCULATION WORKSHEET

WEB Subrule 8-202(3)

Building Address \_\_\_\_\_

Folder No. \_\_\_\_\_ Service Voltage/Phase \_\_\_\_\_

DATA	Dwelling Unit Type A	Dwelling Unit Type B	Dwelling Unit Type C	Dwelling Unit Type D
# of Units:				
Dwelling unit load w/o heat:	W	W	W	W
Dwelling unit heat load:	W	W	W	W

a) Dwelling Unit loads without heat:

- i) Largest unit at 100% \_\_\_\_\_ W
- ii) Next 2 largest units at 65% \_\_\_\_\_ W
- iii) Next 2 largest units at 40% \_\_\_\_\_ W
- iv) Next \_\_\_ units (max. 15) at 25% \_\_\_\_\_ W
- v) Remaining \_\_\_ units at 10% \_\_\_\_\_ W

**Total dwelling units demand load w/o heat** W (non-continuous)

b) Heat within Dwelling Units:

- i) First 10 kW @ 100% \_\_\_\_\_ W
- ii) Remaining \_\_\_\_\_ kW @ 75% \_\_\_\_\_ W

**Total dwelling unit heat demand load** W (non-continuous)

c) Public Loads (building loads not within dwelling units):

Item	Qty	Load/item	Total load
Clothes Washers		W	W
Clothes Dryers		W	W
Public Heat not in Units		n/a	W
Boilers		W	W
Hot Water Tanks		W	W
Air Conditioning		W	W
Public Lighting		W	W
Parking Receptacles		W	W
Other (specify)		W	W

Total public loads: \_\_\_\_\_ W (continuous)

**Total public load demand x 75% x 125% =** W box c)

Min. size of public panelboard = box c) ÷ \_\_\_\_\_ V/ \_\_\_\_\_ ph = \_\_\_\_\_ A

**MIN. SIZE OF SERVICE =** \_\_\_\_\_ W ÷ \_\_\_\_\_ V/ \_\_\_\_\_ ph = \_\_\_\_\_ A  
sum of shaded boxes                      service voltage/phase