



One-Family Dwelling Permit EP-
Laneway House Permit EP-

**Electrical Load Calculation for Laneway House and One-Family Dwelling
Or One-Family Dwelling with Secondary Suite. CEC Rule 8-200(2).**

Part 1. Note: Document must be completed in Full.

One-Family Dwelling Address :

LWH Address:	S Suite Address:
--------------	------------------

Complete ALL Info CEC Rule 8-200(2)	One-FD _____ m ² Excluding secondary suite, if SS is individually metered.	S-Suite _____ m ² (If applicable) Portion of One-FD, only if SS is individually metered.	LW House _____ m ² (Including floor area used for enclosed parking)	*Area in m ² (1 square meter = 10.764 square feet)
(1)(a)(i) a basic load of 5000 W for the first 90 m ² of living area (see Rule 8-110); plus				*Contractor to provide accurate m ² as calculated per info from Building or Development permit, for the purpose of CEC Rule 8-110.
(1)(a)(ii) an additional 1000 W for each 90 m ² or portion thereof in excess of 90 m ² ; plus				
(1)(a)(iii) any electric space-heating loads (Section 62); plus				
(1)(a)(iii) any AC "Rule 8-106(4)"				
(1)(a)(iv) single electric range: 6000 W + 40%-exceeds 12 kW; plus				
(1)(a)(v) electric tankless water heaters or water heaters for steamers, swimming pools, hot tubs, or spas. 100%; plus				
(1)(a)(vi) electric vehicle charging equipment loads. 100%; plus				
(1)(a)(vii) additional loads: electric range provided-25% X (>1500 W), or no electric range provided-100% of (>1500 W) up to 6000 W, + 25% X (>6000 W).				*Check box below: Same day service reconnection planned? Yes <input type="checkbox"/> No <input type="checkbox"/> *If No, each disconnecting means must be terminated prior to inspection. *To book an inspection when service is ready for the connection to the BC Hydro, call 3-1-1, 604-873-7000, or the 24-hour line at 604-873-7059. * The service panelboard and branch circuits from a panelboard of 1FD or SS or 1FD with SS must not be located and connected to outlets or electrical equipment in the detached LWH. CEC Rules 26-402(1) 26-722(a). Zoning & Development Bylaw No. 3575.
Total calculated Demand loads (Watts)	W	W	W	
Provide each Main Breaker Overcurrent device size (Must match Permit info)	Amps	Amps	Amps	
Type & size of consumer's service conductors.	AWG/kcmil Cu/Al	AWG/kcmil Cu/Al	AWG/kcmil Cu/Al	

Demand Application	CEC Rule 8-200(2)			
100% Heaviest load:	W	8-200(2)(a) excluding any electric space-heating & air-cond loads: 8-202(3)(a)(i)-100% of calculated load of unit with heaviest load; + (3)(a)(ii)-65% of next two units.		
65% Next two units only	W			
if Individually metered :	W			
Electric space-heating loads:	W	8-200(2)(a)(b). 8-202(3)(b)(c). electric space-heating loads "Section 62, subject to Rule 8- 106(4)" and 100% air-conditioning loads "subject to Rule 8-106(4)".		
Air-conditioning loads:	W			
Total Calculated Load:	(W/240V)	Watts	Amps	The size of consumer's service conductors between the BC Hydro point of attachment and multi position meter base to be based on the calculated load obtained from Subrule (1)(a) or (b) and 8-202(3)(a)(i) to (ii); plus 8-202(3)(b)&(c). The main bus and each subdivision of the multi position meter base must comply with Rule 8-200(2)&(1)
				Size & Type of Service Conductors: (AWG/kcmil, Cu/Al)
				Quantity of meters:

I have verified that the information contained within this document is correct.

Electrical Contractor Name & Licence # _____ Email Address _____ Phone Number _____

FSR Name & Registration # _____ Signature _____ Date: _____

**Electrical Load Calculation for Laneway House and One-Family Dwelling
or One-Family Dwelling with Secondary Suite. CEC Rule 8-200(2)**

Part 2.

Please enter all information where applicable.

Areas of the One-Family Dwelling. (1 sq. m. = 10.764 sq. ft.)		
Ground Floor:		m ²
Upper Floor:		m ²
Basement:		m ²

Areas of the Laneway House.		
Laneway House:		m ²
The determination of areas for a detached one-family dwelling of Laneway House must include the sum of 100% of the area used for enclosed parking for the purpose of CEC Rule 8-110 and Rule 8-200(2).		

Secondary Suite Area:		m ²
-----------------------	--	----------------

Electrical Equipment Used in Load Calculation.		
Type & Wattage of Electric Space-Heating:	Type:	W
Air-Conditioning Load:		W
Heat Pump:		W
Electric Booster for Geothermal Heating:		W
Electric Range:		W
Second Electric Range:		W
Separate Built-in Cooking Units:		W
Electric Clothes Dryer:		W
Electric Tankless Water Heater:		W
Electric Hot Water Tank:		W
Electric Steamer:		W
Electric Water Heater (swimming pool, hot tub, spa):		W
Electric Sauna:		W
Electric Vehicle Charging Equipment Loads:		W
Electric Furnace / Motor:		W
Type & Watts of Addition Loads With Rating In Excess of 1500 W:	Type:	W
Type & Watts of Addition Loads With Rating In Excess of 1500 W:	Type:	W
Type & Watts of Addition Loads With Rating In Excess of 1500 W:	Type:	W

Examples of Panelboard Installations in a Single Dwelling with a Secondary Suite **Examples of Service and Distribution Arrangements for a Laneway House**

