

Dwelling Load Schedule Calculator

Compare entered dwelling schedule groups with an entered capacity while keeping NEC method selection and service sizing separate.

Generated October 10, 2026

<https://www.elecatrix.com/residential-load-service/dwelling-load-schedule-calculator/>

Inputs

Input	Value	Unit
General load	4	kW
Fixed appliance load	6	kW
HVAC load	5	kW
EV load	7.2	kW
Other load	1	kW
Entered demand factor	75	%
Entered comparison capacity	24	kW

Results

Result	Value	Unit
Connected schedule load	23.2	kW
Entered-factor schedule load	17.4	kW
Entered capacity margin	6.6	kW

Calculation details

Detail	Value	Unit
Calculation basis	Load schedule screen sums entered load groups and applies one entered demand factor.	
Review boundary	Planning worksheet only; no NEC dwelling load calculation, service size, or code-compliance approval is made.	

Formulas

connected schedule load = general + fixed appliance + HVAC + EV + other loads

demand schedule load = connected schedule load x entered demand percent / 100

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$\text{entered capacity margin} = \text{entered capacity} - \text{demand schedule load}$

Warnings and limitations

This dwelling load schedule screen does not perform an NEC dwelling load calculation, determine service size, approve demand factors, or replace utility/AHJ review.