

WAC 296-46B-900: ELECTRICAL PLAN REVIEW

DIRECTIONS: Read the WAC section below to determine if plan review is required or not required. Then select the box next to (a) to tell City Staff if plan review is not required and select the box next to the specific reason from WAC 296-46B-900. If plan review is required, select the box next to (b) and (c) to acknowledge that plan review is required and the electrical plans have been provided with this permit application.

* If item (a)-(ii, iii, or v) is selected, the work must also comply with section (a)-(vii). See arrow flow chart below.

(3) Electrical plan review.

- (a) Electrical plan review is **not required** for:
 - (i) Low voltage systems;
 - (ii) Lighting specific projects that result in an electrical load reduction on each feeder involved in the project;
 - (iii) Heating and cooling specific retrofit projects that result in an electrical load reduction on each existing feeder involved in the project, provided there is not a corresponding increase in the available fault current in any feeder.
 - (iv) Stand-alone utility fed services that do not exceed 250 volts, 400 amperes where the project's distribution system does not include:
 - (A) Emergency systems other than listed unit equipment per NEC 700.12(F);
 - (B) An essential electrical system defined in NEC 517.2; or
 - (C) A required fire pump system.
 - (v) Modifications to existing electrical installations where all of the following conditions are met:
 - (A) Service or distribution equipment involved is rated not more than 400 amperes and does not exceed 250 volts or for lighting circuits not exceeding 277 volts to ground;
 - (B) Does not involve emergency systems other than listed unit equipment per NEC 700.12(F);
 - (C) Does not involve branch circuits or feeders of an essential electrical system as defined in NEC 517.2; and
 - (D) Service or feeder load calculations are increased by 5% or less.
 - (vi) Electric power production source(s) such as solar photovoltaic, fuel cell, or wind electric system(s) with a total rating of 9600 watts or less.
 - (vii) For installations in (a)(ii), (iii), and (v) of this subsection to be considered, the following must be available to the electrical inspector before the work is initiated:
 - (A) A clear and adequate description of the project's scope;
 - (B) A load calculation(s);
 - (C) What the load changes are, providing both before and after panel schedules as needed; and
 - (D) Provide information showing that the service and feeder(s) supplying the panel(s) where the work is taking place has adequate capacity for any increased load and has code compliant overcurrent protection for that supply.
- (b) Electrical plan review is required for all other new or altered electrical projects in educational, institutional, or health care occupancies defined in this chapter.
- (c) If a review is required, the electrical plan must be submitted for review and approval before the electrical work is begun.

Table 900-1
Health or Personal Care Facilities

Health or Personal Care Facility Type	Plan Review Required
Hospital	Yes
Nursing home unit or long-term care unit	Yes
Boarding home	Yes
Assisted living facility	Yes
Private alcoholism hospital	Yes
Private psychiatric hospital	Yes
Maternity home	Yes
Ambulatory surgery facility	Yes
Renal hemodialysis clinic	Yes
Residential treatment facility	Yes
Enhanced service facility	Yes
Adult residential rehabilitation center	Yes

Table 900-2
Educational and Institutional Facilities, Places of Assembly, or Other Facilities

Educational, Institutional, or Other Facility Types	Plan Review Required
Educational	Yes
Institutional	Yes

Notes to Tables 900-1 and 900-2.

1. A city authorized to do electrical inspections may require plan review on facility types not reviewed by the department.