



TEMPORARY GENERATOR PERMIT

Information Sheet

A temporary generator permit is required for the temporary installation of electric generators at commercial and industrial facilities to ensure that the electrical installation meets the safety requirements of the National Electrical Code. A temporary generator permit is valid for 90 days from the date of permit issuance as allowed by the National Electrical Code for temporary wiring. After 90 days, the generator shall either be removed, the installation permitted on a permanent basis using permanent wiring methods, or the temporary permit renewed. Fuel storage separate from the generator requires separate review and submittal by the Orange County Fire Authority.

Cost: Fees will be assessed for a Temporary Generator Permit as follows:

1. Plan review fees paid at the time of submittal
 - a. Electrical Plan Check \$ 79.82
 - b. Planning Plan Check \$ 77.00
 - c. Automation Fee \$ 3.99
 -

\$160.81

2. Permit fees paid at time of permit issuance
 - a. Permit Issuance fee \$ 37.00
 - b. Electrical Inspection Permit fee \$266.05
 - c. Automation Fee \$ 13.30
 - d. Microfilming fee \$ 0.75 (per plan sheet)

Submittal Requirements:

In order to obtain a Temporary Generator Permit, complete a standard City of Irvine Permit application and electrical takeoff sheet, as well as an Orange County Fire Authority Temporary Generator Permit Application. **Be sure to write "Temporary Generator Installation" on the permit application.** Submit the permit application and applicable fees at the permit processing counter of the Community Development Department located at One Civic Center Drive. Along with the application, include three copies of a site plan and electrical plan showing the items listed in Section D below. The items listed below are **required** to be included with the submittal. Be sure to include the notes listed below on the plans.

Your Temporary Generator Permit application will be reviewed within one working day. If corrections are necessary, additional reviews will also be conducted within one working day.

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Plan Requirements:

A. A site plan showing the location of the temporary generator and the following:

1. Location of the generator and dimensions from the generator to adjacent property lines and buildings. ☐

Tank Capacity Gallons	Required Setback to Property Line	Required Setback to Adjacent Building
0 - 275	10 feet	5 feet
276 - 750	20 feet	5 feet
751 to 1,000	30 feet	5 feet

2. Emergency vehicle access drive locations, showing minimum 20-foot width. ☐
3. Location and detail of vehicle impact protection, such as posts. Additional vehicle impact protection is not required for temporary installations on raised trailers. ☐
4. Location of proposed security or screening fencing and material type. Screening is required for installations that front streets. For temporary installations, screening is not required for installations visible only from adjacent properties. ☐

B. Provide details of the temporary generator including:

1. Size (kW and voltage). ☐
2. Fuel type and quantity. ☐
3. Fuel tank details including double wall tank construction listed by an approved testing agency or other showing other details for providing secondary containment. ☐
4. Venting details including pipe location, diameter, and height for normal and emergency vents. ☐
5. The noise (dBA) rating of the generator. ☐

C. Electrical plans prepared by a California licensed Electrical Contractor or Electrical Engineer that include:

1. A single line diagram showing transfer of loads to the temporary generator. Identify any emergency loads required by State codes to have backup power from an approved emergency power source. Code required emergency loads cannot be served by a temporary generator. ☐

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2. Load calculations demonstrating that generator size is sufficient for the load to be served. ☐
3. Transfer switch method (automatic or manual) and details (voltage, amperage, and number of poles). Note that transfer switch shall be listed by UL or other approved testing agency. ☐
4. Conductor and overcurrent protection type and size. ☐
5. Method of providing physical protection for conductors and note whether conductors are in conduit and above or below grades. ☐
6. Grounding method and sizing. ☐
7. Show required available fault current (AIC) from the serving utility and generator. Note that equipment shall be rated for the available fault current. ☐

D. Provide the following notes on the plans:

1. The temporary generator permit for this project is valid for 90 days from permit issuance. After 90 days, the generator shall either be removed, the installation permitted on a permanent basis using permanent wiring methods, or the temporary permit renewed. ☐
2. This permit is valid only for a temporary generator providing electrical power to non-emergency systems not required by State codes. A separate review and permit is required for emergency electrical power systems required by State codes. ☐
3. Separate approval by the South Coast Air Quality Management District is required prior to installation. Call (909) 396-3385 for information. ☐
4. Separate notification and approval by Southern California Edison is required prior to installation. Call (949) 458-4414 for information. ☐
5. Applicable hazardous material signs shall be provided at the generator location. ☐
6. A fire extinguisher (Type 20BC) shall be provided at the generator location. ☐
7. If the use of required parking spaces for the temporary generator for this project cause parking to occur on the street or on adjacent properties, the generator shall be relocated to maintain required parking spaces. ☐

Inspections Required:

After obtaining a Temporary Generator Permit, inspection approval is required. Schedule City electrical inspection 24 hours in advance by calling (949) 724-6501.