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## DEPARTMENT OF RESOURCE MANAGEMENT



# SOLANO COUNTY

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Building & Safety Division

# RESIDENTIAL GENERATOR PERMITS

## Minimum submittal requirements

- All plans are required to be signed by the person responsible for their preparation.
  - Project address, parcel number, project data, applicable codes, contractor name & CSLB license number, and scope of work shall be noted on the first sheet of plans.
  - Plan check fees will be collected at time of submittal. Permit fees will be collected at time of issuance.
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- Completed building permit application**
  - Four (4) complete site plans showing the entire parcel. Please include:**
    - All existing structures, clearly labeled by use (i.e., dwelling, garage, barn, etc.)
    - Dimensioned location of proposed generator relative to all structures and property lines
    - Dimensioned location of all septic tanks, leach lines, etc.
    - Dimensioned location of all new or proposed propane tanks (if applicable)
    - Location of all service panels, sub-panels, and transfer switches
    - Location and depth of all electrical conduits and trenches & gas lines
  - Two (2) copies of complete generator information, including:**
    - Product specifications from the manufacturer, including type of generator fuel
    - Manufacturer's minimum clearance from structures and openings in exterior walls
    - Installation manual from the manufacturer
    - Generator foundation details, pad details, or ground anchor information
  - Two (2) copies of a complete electrical single-line diagram. The diagram shall include:**
    - The generator, main service panel, sub-panels, and transfer switch
    - A detailed diagram of the main service panel showing the size of the panel, the size of the main breaker, all breakers, and the location of the new generator connection
    - All conductor and conduit types & sizes
    - All items on the diagram shall be labeled as 'new' or 'existing'
  - Two (2) copies of complete transfer switch information, including:**
    - Product specifications from the manufacturer
    - Installation manual from the manufacturer
  - Two (2) copies of all required signage for panels, transfer switches, equipment, etc. per the California Electrical Code**
  - Two (2) copies of complete propane tank information (if installing a new propane tank)**
    - Product specifications from the manufacturer
    - Location of the new gas line
    - Propane line trench detail, including trench depth, gas pipe type, and gas pipe size.
    - Complete anchorage details for the tank

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