



# BOROUGH OF RINGWOOD

Building Department ■ Code Enforcement

Phone (973) 962-7880 Fax (973) 962-7823 building@ringwoodnj.net

## REQUIREMENTS FOR STANDBY GENERATOR

- Permit Forms:**
- F100 (jacket), F170 (small construction permit)
  - F120 (electrical) – indicate generator/kw **and** write in ATS/amperage on blank line
  - F145 (mechanical) – indicate gas piping **and** generator

**NOTE:** For new construction or additions that include a generator, or commercial properties, use the Plumbing and Fire permits in place of the Mechanical permit.

### SUBMIT THE FOLLOWING DIAGRAMS AND SUPPORTING DOCUMENTATION:

- Zoning Review:** Submit "Zoning Application for A/C and Generator" (also available on Building Department web page)
- Sketch generator and trench location on COPY of a site plan; write distance to property line

- Mechanical:** For gas hook-up and fuel-fired appliance
- One-line isometric drawing showing pipe size, material and run distance
  - If CSST is being used, bonding method must be indicated on the electrical permit
  - Indicate fuel source
  - Indicate whether installation is above or below ground

- Electrical:** For Generator and Transfer Switch
- One-line diagram showing wiring sizes along with conduit size
  - Load calculations for whole house generators with automatic transfer switches
  - Manufacturer's specifications for generator
  - Manufacturer's specifications for transfer switch

- New for 2020 NEC:**
- Surge protection as per NEC
  - Placards – outside at meter and panel with location of generator
  - Grounding electrode system update as per NJAC 5:23-6.6(e)10
  - Emergency E-stop on outside of unit

- Inspections:**
- Pressure test
  - All breaker panel, transfer switch, junction box and generator covers **must be removed for inspection**
  - Electrical contractor and the approved plans **must be on site** for inspection

**Notice:** Contact your utility company to determine if the existing gas service and meter are of adequate size for the additional gas load. You can obtain the form at: [https://www.pseg.com/business/builders/start\\_stopservice/pdf/application-residential\\_gas.doc](https://www.pseg.com/business/builders/start_stopservice/pdf/application-residential_gas.doc)

Minimum Area Requirements					Maximum Bulk Requirements				Minimum Yard Requirements		
Zone	District	Lot Area (Sq. Ft.)	Lot Width (Ft.)	Lot Depth (Ft.)	Maximum Disturbed Land Area %**	Improved Lot Coverage %***	Lot Coverage %***	Bldg. Hgt Principal Ft. Stories	Front Yard (Ft.)	Each Side Yard (Ft.)	Rear Yard Principal / Accessory
R-20	Single -Family	20,000	100	175	50	35	25	35 or 2 1/2	35	15	35 / 20
R-40	Single -Family	40,000	150	200	30	25	20	35 or 2 1/2	35	30	50 / 35
R-40V and R-80V	Single-Family w/ Public water	40,000	150	200	See Schedule Below	25	20	35/40 2 1/2	35	30	50 / 35
	Single-Family w/o Public Water	80,000	200	250		20	18				
RT-40	One-Family & Two-Family	40,000	150	200	40	35	25	35 or 2 1/2	35	30	50 / 35