

NJEDA Retail Fuel Station (RFS)

Energy Resiliency Program

Application Information

This is a voluntary grant program funded through the FEMA Hazard Mitigation Grant Program (HMGP) to enhance the operational resiliency of retail fuel stations statewide, within one-quarter (1/4) of a mile of identified evacuation routes, from future extensive power outages. Under the Retail Fuel Station – Energy Resiliency Program, the applicant may qualify for the installation of either a “quick-connect” for use with the applicants own or a State provided temporary generator, or the permanent installation of a back-up electric generator. A quick connect is a method of connecting a portable generator to the service station’s electrical panel utilizing temporary electrical cords and plus connections. The sole purpose of the program is to energize the primary retail fuel pumps, point of sale systems and/or requisite lighting, safety and security systems/equipment within the operational load capacity requirements of the state bank of generators as an eligible reimbursable expense. No other infrastructure hardening and/or mitigation work is within the scope of this program. Applicants also must comply with NJEDA, NJDEP, and FEMA conditions for reimbursement.

NJOEM will procure and have available for deployment from strategic locations in north - central - south New Jersey a fleet of trailer mounted generators with cables and pin and sleeve connector (plugs) for quick connectivity to registered and participating retail fuel stations in New Jersey during a declared emergency. NJOEM will determine and authorize deployment of all generators based upon operational needs and emergency conditions. Actual deployment of the generators will be accomplished with the support of the following agencies; New Jersey National Guard (NJNG), NJOEM, or other sources identified and available during an emergency.

Please note that the responsibility of connectivity of the generator to the emergency electricity sub-panel quick connect receptacle at the participating retail fuel station is the sole responsibility of the owner of the participating retail fuel station or authorized designee.

Project sites located within a flood zone

Applicants who FEMA has determined to be in a flood plain are required to maintain flood insurance on the property for an amount of time equal to the life of the asset and Installation of equipment must meet town and FEMA requirements and be placed above determined flood height.

Retail Fuel Station - Quick Connect requirements

Applicants approved for a quick connect must have an emergency electrical sub-panel installed by a licensed electrician if the applicant is to use one of the NJOEM generators. The sub panel must allow for the State provided temporary generator to be able to park within 40 feet of the quick connector receptacle.

There should be a separate emergency electrical sub-panel configured to provide power limited to only the station primary fuel pumps, necessary lighting, safety equipment and point of sale

register equipment as needed. If there is an existing electrical panel whose loads can be accommodated by the proposed generator, then the entire panel can be tied to the quick connect.

The primary receptacle on quick connect installations must meet NJOEM standards for compatibility with the State owned generators. NJOEM requires that only the Hubbell pin and sleeve receptacle indicated below be installed.

Single Phase electrical power – are to have a Hubbell # HBL3100R4W

Three Phase electrical power – are to have a Hubbell # HBL4100R12W

Fuel

The temporary trailer mount generators are diesel fuel powered. All generators will be delivered to a retail fuel station with a full tank of diesel fuel. Upon demobilization the generators must be returned with a full tank of diesel fuel from the service station. The fuel capacity for the specified Magnum diesel generator MMG75D is 165 gallons.

Enclosure

All permanent generators must be equipped with an enclosure rated to withstand 150 MPH winds and that meets with State and Local building code requirements. Documentation on the enclosures wind rating must be provided to verify equipment eligibility.

Registration

NJOEM requires that all participating retail fuel stations register with the NJOEM Resource Directory Database (RDDDB) to ensure they have specific contact and communications information with each station's key personnel/management.

Forms

There are a number of forms that are to be completed by the applicant as part of the application. These forms include the following:

- Provide 4 Colored Photographs of the Project Site (Directional – N,S,E & W)
- Provide 1 Colored Photograph of the Intended Location of the Proposed Quick Connect or Permanent Generator.
- US Citizenship – If a US Citizen, please provide a copy of a Government issued I.D., valid US Passport or Official Birth Certificate. If not a US Citizen, please provide proof of non-citizen national or qualified alien status.
- Copy of Deed
- Executed Copy of Operator Agreement. If not owner, provide copy of legal agreement authorizing any physical alterations to the project site.
- Paper tax card from Municipality/County Tax Assessor Office
 - Please make sure the following information is on the tax card:
 - a. Year Built
 - b. Block and Lot
 - c. Footprint of Building
 - d. Size of Lot

- Do you have ample space on site to locate the permanent generator or quick connect?
 - If so
 - a. Identify location of permanent generator on site or within footprint. It may be represented as basic drawing or description.
 - b. Based on construction schematics, the permanent generator requires at least 4x8 sq. ft. space within footprint/site for pad (depending on the size of the generator)
 - If not:
 - a. If there is no space available within existing disturbed land and you have additional contiguous land where it could go, please provide details and 4 directional photographs

- Tax Clearance Certificate issued by the Division of Taxation. Upon receipt of the application, the EDA will request the certificate from the Division of Taxation on behalf of the applicant.

- Application Checklist – This identifies all items that will be required of the applicant before and after the Grant Agreement is executed.

- Load Worksheet – This sheet identifies all equipment and corresponding loads to be placed on the quick connect sub-panel or the permanent generator.

- Retained Professional Services – This sheet identifies all consultants (engineer, surveyor, planner, legal, accountant) that will perform work for the project. A debarment check must be conducted prior to contracting with any firm. Copy of proposal(s) for design and any other professional service. Completed NJOEM Electrician/Engineer Generator Certification Form. A copy of their contract(s) including scope and fee will be required for reimbursement.

- Quick Connect or Permanent Generator Bid Summary Form – The applicant and/or contractor will need to complete the appropriate form depending upon the scope of the project. Copy of construction bid(s).

- Overall Project Cost Summary Form – This will need to be completed by the applicant and should include all costs associated with completing the full scope of the project including hard and soft costs.

- Generator Spec sheet (if installing a permanent generator).

- Labor Compliance acknowledgement – Please complete certification form for Certified Payroll, Prevailing Wage/Davis Bacon, SWMBE, and Affirmative Action.