NOTICE OF OPPORTUNITY FOR PUBLIC COMMENT FOR PSEG FOSSIL LLC
BURLINGTON GENERATING STATION

DRAFT TITLE V OPERATING PERMIT RENEWAL
Program Interest (PI): 45979 / Permit Activity Number: BOP130002

The New Jersey State Department of Environmental Protection (NJDEP) is seeking public comment on its intent to approve an air pollution control Operating Permit Renewal for this facility pursuant to the provisions of Title V of the Federal Clean Air Act, the federal rules promulgated at 40 CFR 70, and the state regulations promulgated at N.J.A.C. 7:27-22. These rules require existing facilities with a potential to emit major amounts of air contaminants to obtain an operating permit which specifies the air pollution control requirements that apply to the facility; the maximum amount of air pollutants which can be emitted; and the monitoring, recordkeeping, and reporting requirements to assure compliance.

This public notice also includes an Acid Rain Permit renewal pursuant to the provisions of Title IV of the Federal Clean Air Act, the federal rules promulgated at 40 CFR 72, and a Clean Air Interstate Rule (CAIR) permit renewal pursuant to 40 CFR 96.124.

I. FACILITY INFORMATION

PSEG Fossil LLC, Burlington Generating Station, and Public Service Electric and Gas Company (PSE&G) Liquefied Natural Gas (LNG) Plant, and the PSE&G Burlington Substation (are collectively considered the “Facility”). The Burlington Generating Station is an electric generating plant owned and operated by PSEG Fossil LLC. The LNG plant is a part of the natural gas distribution system owned and operated by PSE&G. The Burlington Substation is a part of electric distribution and transmission system owned and operated by PSE&G. The Facility is located at 200 Devlin Avenue and West Broad Avenue, partially in Burlington City and partially in Burlington Township, NJ 08016.

The Facility is classified as a major facility based on its potential to emit 17,524 tons per year of Carbon Monoxide (CO), 29,664 tons per year of Nitrogen Oxides (NOx), 2,024 tons per year of Volatile Organic Compounds (VOC), 5,924 tons per year of Sulfur Dioxide (SO2), 2,971 tons per year of Total Suspended Particulates (TSP), 8,260 tons per year of Particulate Matter less than 2.5 microns (PM2.5), 8,260 tons per year of Particulate Matter less than 10 microns (PM10), and 5,021,200 tons per year of Carbon Dioxide equivalent (CO2e) to the atmosphere.

It is also classified as a major hazardous air pollutant (HAP) facility. A major HAP emitting facility is designated as major when the allowed emissions exceed 10 tons per year of any individual HAP or 25 tons per year of any combination of individual HAPs that may be emitted simultaneously. This permit allows the total HAPs to be emitted at a rate not to exceed 38.8 tons per year from the facility.

II. BACKGROUND AND HISTORY

The equipment that emits air contaminants from this facility include: Four (4) General Electric (GE) LM6000 simple-cycle combustion turbine modules each with a power output of forty five (45) megawatts (MW), seventeen (17) Pratt and Whitney simple-cycle FT4 (FT4) combustion turbines, two (2) hot water heaters; two (2) emergency generators; and two (2) fire pumps. The four LM6000 simple-cycle combustion modules have water injection for NOx emissions control. Sixteen of the FT4 turbines have water injection for NOx emission controls on high electric demand days (HEDDs).

This permit action proposes to allow the facility to continue operation of existing equipment that emits air contaminants to the atmosphere. Before a final renewal permit is issued, the public has this opportunity to comment on the draft permit.

III. FACILITY’S COMPLIANCE STATUS

The Responsible Official at the facility has certified that the facility currently meets all applicable requirements of the Federal Clean Air Act and the New Jersey Air Pollution Control Act. Based on this certification, the Department’s evaluation of the information included in the facility’s application, and a review of the facility’s compliance status, the Department has concluded that this air pollution control
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operating permit should be approved. Prior to the expiration of the Operating Permit’s five-year term, the facility will be required to apply for a renewal, at which time the Department will evaluate the facility and issue a public notice with its findings.

IV. PUBLIC COMMENTS AND CONTACT INFORMATION

This public notice, the statement of basis, and the draft permit have been posted at the Air Quality Permitting website: http://www.state.nj.us/dep/agpp/publicnotices.htm. The draft permit is also available for inspection at NJDEP/Air Quality Permitting Program, 401 E State Street, Trenton, NJ 08625 and at the Central Regional Office located at 401 East State Street, P.O. Box 420, Trenton, NJ 08625-0420 (609-292-3187). You may inspect the permit application and any supporting materials at the Trenton location by calling David Owen at 609-633-1129.

All persons, including the applicant, who believe that any condition of the draft Air Pollution Operating Permit or the Department's tentative decision to approve this permit is inappropriate, must raise all reasonable issues of concern and submit all arguments and factual grounds or materials supporting their position during the public comment period. Any comments on this draft permit and/or a request for a public hearing must be received within thirty days of the date of this notice and addressed to David Owen, NJDEP/Air Quality Permitting Program, 401 E State Street, 2nd Floor, PO Box 420, Mail Code 401-02, Trenton, NJ 08625-0420.

In accordance with N.J.A.C. 7:27-22.11(f), any person may request that the Department hold a public hearing on the draft permit. A request for a public hearing shall be submitted, in writing, within thirty days of the date of this notice to the Department at the Trenton address listed above. The request for public hearing shall include a statement of issues to be discussed at the public hearing. The statement of issues shall be relevant to the draft permit under review by the Department.