In accordance with Article XXI §2102.05.c and §2103.21.c, the Allegheny County Health Department is proposing to modify and issue an installation permit amendment for the GenOn Cheswick Generating Station and to revise the State Implementation Plan (SIP) for nitrogen oxides (NO$_2$) and volatile organic compounds (VOC) Reasonably Available Control Technology (RACT II).

The only proposed amendments to the previously approved RACT II determination are those described by this notice. This facility is defined as a major source of NO$_2$ and VOC emissions and is subjected to a Reasonable Achievable Control Technology (RACT II) review by the Allegheny County Health Department (ACHD) required for the 1997 and 2008 Ozone National Ambient Air Quality Standard (NAAQS).

ACHD is accepting public comment on the modified language only. The other previously approved portions of this facility’s RACT determination is now final and not open for further comment. The proposed RACT II determination, if finally approved, will be incorporated into the facility’s respective permit, and a revised Title V operating permit will be issued. The relevant RACT II requirements will be submitted to the U.S. Environmental Protection Agency for the conditions to become part of the Pennsylvania State Implementation Plan (SIP) and will remain in effect until replaced pursuant to 40 CFR 51 and approval by the EPA. Requirements that are not part of the RACT II determination will be excluded from the SIP submittal.

The proposed SIP revision does not adopt any new regulations. It incorporates the provisions and requirements contained in the amended RACT II approval for the facility, which are intended to satisfy the requirements of the 1997 National Ambient Air Quality Standard (NAAQS) and the 2008 NAAQS for ozone. The following is a summary of the proposed amendments to the RACT II determination that will be submitted to the EPA as a SIP revision:

**CHESWICK GENERATING STATION (0054-1005a),** Pittsburgh & Porter Streets, Springdale, PA 15144, for an electric generating facility.

The plant is composed of one main coal-fired boiler rated at a maximum of 6,000 MMBTU/hr exhausting to one stack, controlled with low-NOx burners with separated overfire air, electrostatic precipitation with flue gas conditioning, selective catalytic reduction, and Flue Gas Desulfurization. The plant also has a No. 2 oil-fired auxiliary boiler, two diesel air compressors, four ammonia storage tanks, a water-cooling tower, a no. 2 fuel oil storage tank, coal handling and storage, and limestone handling and storage.

- Nitrogen oxide (NO$_2$) emissions from the Main Boiler shall not exceed the following:
  - CEMS 24-hour block total, on a maximum 0.090 lb/MMBtu with SCR;
  - CEMS 24-hour block total, on a maximum 0.27 lb/MMBtu with SCR under all operating conditions;
  - CEMS rolling average emissions rate of 540 lb NO$_2$/hr averaged over 30 valid boiler operating days (includes all operating scenarios and all valid operating hours); and
- The permittee shall monitor the following parameters for the selective catalytic reduction (SCR) system:
  - catalytic bed inlet gas temperature continuously,
  - ammonia solution injection rate continuously

Copies of the draft permits, technical support documents, application, ACHD’s analysis, and all pertinent documents used in the evaluation of the application are open for public inspection at Building 7 of the Clack Health Center, 301 39th Street, Pittsburgh, PA 15201-1811. Written comments regarding the amendments to the draft permits must be received by the Department at the above address or by e-mail at aperms@alleghenycounty.us on or before January 11, 2022. A virtual public hearing will be held regarding the proposed issuance of these permits on January 11, 2022, at 10 am. Persons wishing to join the hearing or present testimony should contact Karen Sagel at the contact information listed above. Information will be provided on the Department’s permits webpage at https://www.alleghenycounty.us/Health-Department/Programs/Air-Quality/Public-Comment-Notices.aspx. If by 12 pm on Thursday, January 6, 2022, no person has expressed an interest in testifying at the hearing, the hearing will be cancelled. If the hearing is cancelled, the Department will provide public notice on the webpage or through the contact information listed above. Each submission must contain the name, address and telephone number of the person submitting the comments, identification of the proposed Operating Permit including the permit number and a concise statement regarding the relevancy of the information or objections to issuance.