

CASAC shall also: Advise the EPA Administrator of areas in which additional knowledge is required to appraise the adequacy and basis of existing, new, or revised NAAQS; describe the research efforts necessary to provide the required information; advise the EPA Administrator on the relative contribution to air pollution concentrations of natural as well as anthropogenic activity; and advise the EPA Administrator of any adverse public health, welfare, social, economic, or energy effects which may result from various strategies for attainment and maintenance of such NAAQS. As amended, 5 U.S.C., App. Section 109(d)(1) of the Clean Air Act (CAA) requires that EPA carry out a periodic review and revision, as appropriate, of the air quality criteria and the NAAQS for the six "criteria" air pollutants, including PM.

The CASAC is a Federal Advisory Committee chartered under the Federal Advisory Committee Act (FACA), 5 U.S.C., App. 2, and conducts business in accordance with FACA and related regulations. The CASAC and the CASAC PM Panel will comply with the provisions of FACA and all appropriate SAB Staff Office procedural policies. Pursuant to FACA and EPA policy, notice is hereby given that the CASAC PM Panel will hold a public meeting to receive a briefing from EPA on updates to the science assessment and updates to the policy assessment that support the agency's reconsideration of the 2020 PM NAAQS and a public meeting for the panel to peer review the agency's science assessment updates and policy assessment updates.

**Technical Contacts:** Any technical questions concerning EPA's updates to the PM science assessment should be directed to Mr. Jason Sacks ([sacks.jason@epa.gov](mailto:sacks.jason@epa.gov)). Any technical questions concerning EPA's updates to the PM policy assessment should be directed to Dr. Lars Perlmutter ([perlmutter.lars@epa.gov](mailto:perlmutter.lars@epa.gov)).

**Availability of Meeting Materials:** Prior to the meeting, the review documents, agenda and other materials will be accessible on the CASAC website: <https://casac.epa.gov>.

**Procedures for Providing Public Input:** Public comment for consideration by EPA's federal advisory committees and panels has a different purpose from public comment provided to EPA program offices. Therefore, the process for submitting comments to a federal advisory committee is different from the process used to submit comments to an EPA program office. Federal advisory committees and panels, including scientific advisory committees, provide

independent advice to EPA. Members of the public can submit relevant comments on the topic of this advisory activity, including the charge to the CASAC and the EPA review documents, and/or the group conducting the activity, for the CASAC to consider as it develops advice for EPA. Input from the public to the CASAC will have the most impact if it provides specific scientific or technical information or analysis for CASAC to consider or if it relates to the clarity or accuracy of the technical information. Members of the public wishing to provide comment should follow the instructions below to submit comments.

**Oral Statements:** Individuals or groups requesting an oral presentation during the public meeting will be limited to three minutes. Each person making an oral statement should consider providing written comments as well as their oral statement so that the points presented orally can be expanded upon in writing. Interested parties should contact Mr. Aaron Yeow, DFO, in writing (preferably via email) at the contact information noted above by November 10, 2021, to be placed on the list of public speakers.

**Written Statements:** Written statements will be accepted throughout the advisory process; however, for timely consideration by CASAC members, statements should be supplied to the DFO (preferably via email) at the contact information noted above by November 10, 2021. It is the SAB Staff Office general policy to post written comments on the web page for the advisory meeting or teleconference. Submitters are requested to provide an unsigned version of each document because the SAB Staff Office does not publish documents with signatures on its websites. Members of the public should be aware that their personal contact information, if included in any written comments, may be posted to the CASAC website. Copyrighted material will not be posted without explicit permission of the copyright holder.

**Accessibility:** For information on access or services for individuals with disabilities, please contact Mr. Aaron Yeow at (202) 564-2050 or [yeow.aaron@epa.gov](mailto:yeow.aaron@epa.gov). To request accommodation of a disability, please contact the DFO, at the contact information noted above, preferably at least ten days prior to each meeting, to give EPA as much time as possible to process your request.

**V Khanna Johnston,**

*Deputy Director, Science Advisory Board Staff Office.*

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**ENVIRONMENTAL PROTECTION AGENCY**

[FRL-8956-01-OAR]

**Administration of Cross-State Air Pollution Rule Trading Program Assurance Provisions for 2020 Control Periods**

**AGENCY:** Environmental Protection Agency (EPA).

**ACTION:** Notice of data availability.

**SUMMARY:** The Environmental Protection Agency (EPA) is providing notice of the availability of data on the administration of the assurance provisions of the Cross-State Air Pollution Rule (CSAPR) trading programs for the control periods in 2020. Total emissions of nitrogen oxides (NO<sub>x</sub>) reported by Mississippi and Missouri units participating in the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program during the 2020 control period exceeded the respective states' assurance levels under the program. Data demonstrating the exceedances and EPA's final calculations of the amounts of additional allowances that the owners and operators of certain Mississippi and Missouri units must surrender have been posted in a spreadsheet on EPA's website.

**DATES:** September 22, 2021.

**FOR FURTHER INFORMATION CONTACT:** Questions concerning this action should be addressed to Garrett Powers at (202) 564-2300 or [powers.jamesg@epa.gov](mailto:powers.jamesg@epa.gov).

**SUPPLEMENTARY INFORMATION:** The regulations for each CSAPR trading program contain "assurance provisions" designed to ensure that the emissions reductions required from each state covered by the program occur within the state. If the total emissions from a given state's affected units exceed the state's assurance level under the program, then two allowances must be surrendered for each ton of emissions exceeding the assurance level (in addition to the ordinary obligation to surrender one allowance for each ton of emissions). In the quarterly emissions reports covering the 2020 control period, Mississippi and Missouri units participating in the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program reported emissions that exceed the respective states' assurance levels under the program. Mississippi units exceeded that state's assurance level by 260 tons, resulting in a requirement for the surrender of 520 additional allowances, and Missouri units exceeded that state's assurance level by 2,438 tons, resulting

in a requirement for the surrender of 4,876 additional allowances.

When a state's assurance level is exceeded, responsibility for surrendering the required additional allowances is apportioned among groups of units in the state represented by "common designated representatives" based on the extent to which each such group's emissions exceeded the group's share of the state's assurance level. For the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program, the procedures are set forth at 40 CFR 97.802 (definitions of "common designated representative," "common designated representative's assurance level," and "common designated representative's share"), 97.806(c)(2), and 97.825.

On May 17, 2021, EPA published a document in the **Federal Register** providing notice of the data relied on to determine the amount of the exceedances of the Mississippi and Missouri assurance levels and the preliminary calculations of the amounts of additional allowances that the owners and operators of certain Mississippi and Missouri units must surrender as a result of the exceedances and describing the process for submitting any objections (85 FR 29445). EPA received no written submissions objecting to the data and preliminary calculations.

In this document, EPA is providing notice of the final calculations of the amounts of additional allowances that must be surrendered. Responsibility for surrendering 520 additional allowances for the Mississippi exceedance has been apportioned between the groups of units operated by Entergy Corporation (302 allowances) and Mississippi Power Company (218 allowances). Responsibility for surrendering 4,876 additional allowances for the Missouri exceedance has been apportioned between the groups of units operated by Associated Electric Cooperative, Inc. (4,862 allowances), the municipal utility of Chillicothe (2 allowances), and the municipal utility of Higginsville (12 allowances). Each set of owners and operators identified pursuant to this notice of the final calculations must hold the required additional allowances in an assurance account by November 1, 2021.

The data and final calculations are set forth in an Excel spreadsheet entitled "2020\_CSAPR\_assurance\_provision\_calculations\_final.xlsx" available at <http://www.epa.gov/csapr/csapr-assurance-provision-nodas>. The spreadsheet contains data for the 2020 control period showing, for each Mississippi and Missouri unit identified as affected under the CSAPR NO<sub>x</sub>

Ozone Season Group 2 Trading Program, the amount of NO<sub>x</sub> emissions reported by the unit and the amount of CSAPR NO<sub>x</sub> Ozone Season Group 2 allowances allocated to the unit, including any allowances allocated from a new unit set-aside. The spreadsheet also contains calculations for the 2020 control period showing the total NO<sub>x</sub> emissions reported by all such units in each state and the amounts by which the total reported NO<sub>x</sub> emissions exceeded the respective states' assurance levels under the program. Finally, the spreadsheet also includes calculations for the 2020 control period showing, for each common designated representative for a group of such units in each state, the common designated representative's share of the total reported NO<sub>x</sub> emissions, the common designated representative's share of the state's assurance level, and the amount of additional CSAPR NO<sub>x</sub> Ozone Season Group 2 allowances that the owners and operators of the units in the group must surrender.

(Authority: 40 CFR 97.825(b).)

**Rona Birnbaum,**

*Acting Director, Clean Air Markets Division, Office of Atmospheric Programs, Office of Air and Radiation.*

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**FEDERAL COMMUNICATIONS COMMISSION**

[ET Docket No. 19-257; FCC 21-92; FRS 47677]

**FCC Announces Two New Innovation Zones and Amends One Existing Innovation Zone for Program Experimental Licenses**

**AGENCY:** Federal Communications Commission.

**ACTION:** Notice.

**SUMMARY:** In this document, the Federal Communications Commission (Commission) creates two new Innovation Zones for Program Experimental Licenses in designated areas in and nearby the campuses of North Carolina State University (NC State Innovation Zone) in Raleigh, NC and Northeastern University (Northeastern Innovation Zone) in Boston, MA and expands the geographical boundary of the previously established Innovation Zone in New York City.

**ADDRESSES:** Federal Communications Commission, 45 L Street NE, Washington, DC 20554.

**FOR FURTHER INFORMATION CONTACT:**

Anthony Serafini, Office of Engineering and Technology, (202) 418-2456, [Anthony.Serafini@fcc.gov](mailto:Anthony.Serafini@fcc.gov) or Ira Keltz, Office of Engineering and Technology, at (202) 418-0616, or [Ira.Keltz@fcc.gov](mailto:Ira.Keltz@fcc.gov).

**SUPPLEMENTARY INFORMATION:** This is a summary of the Commission's document, *Public Notice*, FCC 21-92, ET Docket No. 19-257, adopted on August 5, 2021 and released August 6, 2021. The full text of this document is available for public inspection and can be downloaded at: <https://www.fcc.gov/document/fcc-established-two-new-innovation-zones-boston-and-raleigh-0> or by using the search function for ET Docket No. 19-257 on the Commission's ECFS web page at [www.fcc.gov/ecfs](http://www.fcc.gov/ecfs).

**Synopsis**

1. The two new zones the Commission establishes herein are based on detailed proposals from the PAWR program. This program for new technology experimentation is funded by the National Science Foundation along with a consortium consisting of over thirty technology and telecommunications companies. According to PAWR, this program ". . . will enable experimental exploration of robust new wireless devices, communication techniques, networks, systems, and services that will revolutionize the nation's wireless ecosystem, thereby enhancing broadband connectivity, leveraging the emerging Internet of Things (IoT), and sustaining US leadership and economic competitiveness for decades to come." The Commission anticipates that the experimentation done at these zones may also materially improve understanding of opportunities for, and capabilities of, open, standards-based wireless networks. PAWR program testbeds are equipped for Open radio access networks (Open RAN) research and testing, and PAWR teams are actively engaged with the Open RAN development community.

2. These Innovation Zones will provide new capabilities and complement the existing Innovation Zones in Salt Lake City and New York City. More specifically, in Raleigh, North Carolina, PAWR is initiating AERPAW—Aerial Experimentation and Research Platform for Advanced Wireless. This project will create a city-scale platform to focus on new use cases for advanced wireless technologies that are emerging for unmanned aerial systems. AERPAW will focus on how cellular networks and advanced wireless technologies can enable beyond visual line-of-sight unmanned aerial