

U.S. EPA FACT SHEET

Final Rule: Partial Approval and Partial Disapproval of Arizona's Regional Haze Plan – part 2 of 3 phases

July 15, 2013

Summary:

EPA is approving partially and disapproving partially the remaining portions of Arizona's Regional Haze State Implementation Plan (SIP). The Regional Haze Program's goal is to reduce emissions of pollutants that impair visibility at protected national parks and wilderness areas, known as Class I areas.

Following EPA's proposal in December, we worked with the State to develop a supplement to its Regional Haze SIP to address certain elements of the SIP that we had proposed to disapprove. Based on this supplemental submittal, we proposed to approve additional elements of the SIP and we are finalizing those approvals today.

Overview:

EPA is approving some aspects of the plan, but also disapproving a number of elements that are deficient, incomplete, or missing from the submittal.

EPA is approving:

- The State's 2008 Emission Inventory;
- Cholla Unit 1 and Sundt Unit 3 are not eligible for Best Available Retrofit Technology (BART);
- Arizona's BART threshold of 0.5 deciviews;
- Most of the analyses regarding which sources are BART-eligible and which are subject to BART;
- BART determinations for particulate matter (PM₁₀) at the Hayden and Miami smelters;
- Parts of the State's reasonable progress analysis; and
- Parts of the long-term strategy.

EPA is disapproving:

- Determination that Sundt Generating Station Unit 4 is not BART-eligible;
- Determination that Chemical Lime Nelson is not subject to BART;
- Determinations that the Hayden Smelter and Miami Smelter are not subject to BART for NO_x;

- Determination that the Hayden Smelter is not subject to BART for PM₁₀;
- BART determination for sulfur dioxide (SO₂) at the Hayden and Miami smelters;
- Reasonable Progress Goals (RPGs) for 20 percent best and 20 percent worst days;
- Parts of the State's reasonable progress analysis;
- Enforceable emission limits and compliance schedules missing from the submittal;
- Parts of the long-term strategy; and
- Arizona's Interstate Transport provisions for visibility.

Background:

EPA is taking action on Arizona's Regional Haze in three phases.

The phase one final rule was published on December 5, 2012. That action approved in part and disapproved in part Arizona's Regional Haze SIP to control air pollution on units at three coal-fired power plants (Apache, Cholla and Coronado). EPA also promulgated a Federal Implementation Plan (FIP) that included emissions limits for NO_x at these sources.

Today's action, phase two, addresses the remainder of the plan. EPA is approving some elements of the State's plan, but is also disapproving several significant elements that do not meet the requirements of the Clean Air Act and EPA's Regional Haze Rule.

Phase three will address any disapproved portions of phase two through a Federal Implementation Plan (FIP). That FIP will be proposed on September 6, 2013, and finalized on February 6, 2014. EPA will be required to conduct BART analyses for Sundt Unit 4, Chemical Lime Nelson Kilns 1 and 2, the Hayden Smelter (NO_x and SO₂) and the Miami smelter (NO_x and SO₂). A BART analysis does not necessarily mean that additional controls will be required on these sources.

EPA looks forward to continuing to work with ADEQ to address the issues identified in our actions.

Regional Haze:

Several decades ago, in 1977, Congress directed EPA to reduce emissions that impair visibility at protected national parks and wilderness areas, known as Class I areas.

SO₂, PM, and NO_x cause or contribute to visible haze in national parks and wilderness areas. These pollutants are also harmful to human health.

Visibility improvements are measured in deciviews. A difference of 0.5 - 1.0 deciviews is generally a perceptible change.

Next Steps:

For More Information: <http://www.epa.gov/region9/air/actions/az.html#all>