

## Revisions of Global Warming Potential Values for the Greenhouse Gas Reporting Program

### Rule Summary

In a final rule published on April 25, 2024 (89 FR 31802), the U.S. Environmental Protection Agency (EPA) published updated Global Warming Potential (GWP) values for use in the Greenhouse Gas Reporting Program (GHGRP). This rule revises 40 CFR Part 98, Subpart A, Table A-1 in the following ways:

- Adopts the 100-year GWPs from the Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report (AR5) for greenhouse gases (GHGs) that have chemical-specific GWPs listed in AR5,
- Adopts the 100-year GWP values from the IPCC Sixth Assessment Report (AR6) for certain GHGs that do not have chemical-specific GWPs listed in AR5, and
- Revises and expands the set of default GWPs that are applied to GHGs without available peer-reviewed, chemical-specific GWPs.

EPA made these GWP revisions to reflect advances in scientific knowledge, better characterize the climate impacts of certain GHGs, and maintain consistency between the GHGRP and the Inventory of U.S. Greenhouse Gas Emissions and Sinks and other EPA analyses.

### Effective Dates

This rule goes into effect on January 1, 2025. There are two different dates for facilities and suppliers to keep in mind for first use of amended GWPs: one for current reporters and one for new reporters.

- **Current reporters:** Facilities and suppliers currently required to report under Part 98 will need to incorporate the GWP revisions into reports submitted for Reporting Year 2024 on March 31, 2025.
- **New reporters:** Facilities and suppliers that become required to report under Part 98 or to an additional subpart of Part 98 because of the GWP revisions must begin complying with all requirements of part 98 or of the applicable subpart(s) on January 1, 2025. They are required to submit their first report under part 98 or the applicable subpart by March 31, 2026.

### Impact on Suppliers and Facilities

Facilities and suppliers can visit EPA's Applicability Tool (<https://www.epa.gov/ghgreporting/applicability-tool>) to see whether the updated GWPs may affect their obligations under the GHGRP. As noted above, facilities that become subject to Part 98 or to an additional subpart of Part 98 due to the revision of GWPs are required to comply with Part 98 or the applicable subpart beginning on January 1, 2025.

Facilities and suppliers whose GWP-weighted emissions are lowered below 25,000 metric tons CO<sub>2</sub>e by the revised GWPs may eventually be eligible to exit the program. For details about exiting the program, see the Subpart A Information Sheet's section on Page 6 titled "When Can Facilities and Suppliers Cease Reporting?," available at <https://www.epa.gov/ghgreporting/information-sheet-subpart-general-provisions>.

### List of All Chemical-Specific GWP Values

All GWP values are listed in Table A-1 to subpart A in the eCFR, available at <https://www.federalregister.gov/d/2024-07413/p-amd-28>.