

**Changes to the Inflation Reduction Act of 2022 (ENR22335)  
as modified by the Senate Substitute (ENR22410) following the Bipartisan Byrd Bath**

| <b>Inflation Reduction Act of 2022 Section</b> | <b>Section Title</b>                    | <b>Senate Substitute Change</b>  |
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| Subtitle A-Air Pollution                       |   |  |
| 60101  | Clean Heavy-Duty Vehicles               | <ul style="list-style-type: none"> <li>• In new sec. 132(d)(4), definition changed to “‘greenhouse gas’ means the air pollutants carbon dioxide, hydrofluorocarbons, methane, nitrous oxide, perfluorocarbons, and sulfur hexafluoride.” and conforming changes.</li> </ul>  |
| 60102  | Grants to Reduce Air Pollution at Ports | <ul style="list-style-type: none"> <li>• In new sec. 133(d)(1)(D), the parenthetical “(including a nonprofit organization)” was struck.</li> <li>• In new sec. 133(d)(2), the definition of greenhouse gas was modified to “‘greenhouse gas’ means the air pollutants carbon dioxide, hydrofluorocarbons, methane, nitrous oxide, perfluorocarbons, and sulfur hexafluoride.”</li> <li>• In new sec. 133(d)(3) the parenthetical “(including practices used to measure progress toward stated goals)” was deleted</li> <li>• In new sec. 133(d)(3)(B) the text was modified to read “includes a strategy to collaborate with, communicate with, and address potential effects on low-income and disadvantaged near-port communities and other stakeholders that may be affected by implementation of the plan, including low-income and disadvantaged near-port communities; and</li> <li>• In new sec. 133(d)(3)(C) the text was modified to read “describes how an eligible recipient has implemented or will implement measures to increase the resilience of the one or more ports involved.”</li> </ul> |
| 60103  | Greenhouse Gas Reduction Fund           | <ul style="list-style-type: none"> <li>• In new sec. 134(c)(1)(A), a definition of eligible recipient was modified to read “is designed to provide capital, leverage private capital, and provide other forms of financial assistance for the rapid deployment of low- and zero-emission products, technologies, and services.”</li> <li>• In new sec. 134(c)(2), the definition of greenhouse gas was modified to “‘greenhouse gas’ means the air pollutants carbon dioxide, hydrofluorocarbons, methane, nitrous oxide, perfluorocarbons, and sulfur hexafluoride.” and,</li> <li>• The definition of “publicly available equipment” was deleted.</li> </ul>   |

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| 60104 | Diesel Emissions Reductions   | No changes  |
| 60105 | Funding to Address Air Pollution  | <ul style="list-style-type: none"> <li>• In subsection (g), the reference to section 612 was deleted; and,</li> <li>• In subsection (i), the definition of greenhouse gas was modified to “‘greenhouse gas’ means the air pollutants carbon dioxide, hydrofluorocarbons, methane, nitrous oxide, perfluorocarbons, and sulfur hexafluoride.”</li> </ul>   |
| 60106 | Funding to Address Air Pollution at Schools                                 | <ul style="list-style-type: none"> <li>• In subsection (c), the definition of greenhouse gas was modified to “‘greenhouse gas’ means the air pollutants carbon dioxide, hydrofluorocarbons, methane, nitrous oxide, perfluorocarbons, and sulfur hexafluoride.” and conforming changes.</li> </ul>  |
| 60107 | Low Emissions Electricity Program   | <ul style="list-style-type: none"> <li>• In new sec. 135(a)(3), use of funds was revised to read “outreach, technical assistance, and partnerships ...”</li> <li>• In new sec. 135(a)(4), use of funds was revised to read “outreach and technical assistance to, and partnerships with ...”</li> <li>• In new sec. 135(a)(6), use of funds was revised to read “(6) \$18,000,000 to ensure that reductions in greenhouse gas emissions are achieved through use of the existing authorities of this Act, incorporating the assessment under paragraph (5).” and,</li> <li>• In new sec. 135(c), the definition of greenhouse gas was modified to “‘greenhouse gas’ means the air pollutants carbon dioxide, hydrofluorocarbons, methane, nitrous oxide, perfluorocarbons, and sulfur hexafluoride.”</li> </ul> |
| 60108 | Funding for Section 211(O) of the Clean Air Act                             | <ul style="list-style-type: none"> <li>• In subsection (c), the definition of greenhouse gas was modified to “‘greenhouse gas’ means the air pollutants carbon dioxide, hydrofluorocarbons, methane, nitrous oxide, perfluorocarbons, and sulfur hexafluoride.”</li> </ul>  |
| 60109 | Funding for Implementation of the American Innovation and Manufacturing Act | No changes  |
| 60110 | Funding for Enforcement Technology and Public Information                   | No changes  |

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| 60111 | Greenhouse Gas Corporate Reporting           | <ul style="list-style-type: none"> <li>• In subsection (b), the definition of greenhouse gas was modified to “‘greenhouse gas’ means the air pollutants carbon dioxide, hydrofluorocarbons, methane, nitrous oxide, perfluorocarbons, and sulfur hexafluoride.” and conforming changes.</li> </ul>  |
| 60112 | Environmental Product Declaration Assistance | <ul style="list-style-type: none"> <li>• In subsection (a), funding purposes was revised to read, “to develop and carry out a program to support the development, enhanced standardization and transparency, and reporting criteria for environmental product declarations that include measurements of the embodied greenhouse gas emissions of the material or product associated with all relevant stages of production, use, and disposal, and conform with international standards, for construction materials and products by ...”</li> <li>• In subsection (c), the definitions of “embodied carbon” and “environmental product declaration” were deleted; and,</li> <li>• In subsection (c), the definition of greenhouse gas was modified to “‘greenhouse gas’ means the air pollutants carbon dioxide, hydrofluorocarbons, methane, nitrous oxide, perfluorocarbons, and sulfur hexafluoride.”</li> </ul>   |
| 60113 | Methane Emissions Reduction Program          | <ul style="list-style-type: none"> <li>• New sec. 136(a)(3) was revised to read “for grants, rebates, contracts, loans, and other activities of the Environmental Protection Agency for the purposes of providing financial and technical assistance to reduce methane and other greenhouse gas emissions from petroleum and natural gas systems, mitigate legacy air pollution from petroleum and natural gas systems, and provide funding for ...”</li> <li>• New sec. 136(a)(4) was revised to read “(4) to cover all direct and indirect costs required to administer this section, prepare inventories, gather empirical data, and track emissions.”</li> <li>• In new sec. 136(f)(2) and (3) the phrase “sent to sale from such facility” was revised to read “sent to sale from or through such facility” where the phrase appears.</li> <li>• Subsection entitled “Implementation” deleted.</li> <li>• In new sec. 136(h), the phrase “and as necessary thereafter” was deleted.</li> <li>• Subsection entitled “Liability for Charge Payment” was deleted; and,</li> <li>• In new sec. 136(i)(4), the definition of greenhouse gas was modified to “‘greenhouse gas’ means the air pollutants</li> </ul> |

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|       |   | carbon dioxide, hydrofluorocarbons, methane, nitrous oxide, perfluorocarbons, and sulfur hexafluoride.”   |
| 60114 | Climate Pollution Reduction Grants                                      | <ul style="list-style-type: none"> <li>• New sec. 137(a)(3) was revised to read “...the Administrator shall reserve 3 percent for administrative costs necessary to carry out this section, to provide technical assistance to eligible entities, to develop a plan that could be used as a model by grantees in developing a plan under subsection (b), and to model the effects of plans described in this section.</li> <li>• Sec. 137(c)(2) was revised to read “To apply for a grant under this subsection, an eligible entity shall submit to the Administrator an application at such time, in such manner, and containing such information as the Administrator shall require, which such application shall include information regarding regarding the degree to which greenhouse gas air pollution is projected to be reduced in total and with respect to low-income and disadvantaged communities;” and,</li> <li>• In new sec. 137(d)(2), the definition of greenhouse gas was modified to “‘greenhouse gas’ means the air pollutants carbon dioxide, hydrofluorocarbons, methane, nitrous oxide, perfluorocarbons, and sulfur hexafluoride.”</li> </ul> |
| 60115 | Environmental Protection Agency Efficient, Accurate, and Timely Reviews | No change.  |
| 60116 | Low-Embodied Carbon Labeling for Construction Materials                 | <ul style="list-style-type: none"> <li>• Subsection (a) was modified to read “... for construction materials used for Federal buildings, to identify and label construction materials and products that have substantially lower levels of embodied greenhouse gas emissions associated with all relevant stages of production, use, and disposal, as compared to estimated industry averages of similar materials or products, as determined by the Administrator of the Environmental Protection Agency, based on— <ul style="list-style-type: none"> <li>(1) environmental product declarations; <b>or</b></li> <li>(2) determinations by State agencies, as verified by the Administrator of the Environmental Protection Agency.”</li> </ul> </li> <li>• In subsection (b), the definitions of “embodied carbon”, “environmental product declaration”, and “low embodied</li> </ul>  |

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|   |  | <p>carbon construction materials and products” were deleted; and,</p> <ul style="list-style-type: none"> <li>• In subsection (b), the definition of greenhouse gas was modified to “‘greenhouse gas’ means the air pollutants carbon dioxide, hydrofluorocarbons, methane, nitrous oxide, perfluorocarbons, and sulfur hexafluoride.”</li> </ul>  |
| Subtitle B-<br>Hazardous<br>Materials                           |  |   |
| 60201   | Environmental<br>and Climate<br>Justice Block<br>Grants  | <ul style="list-style-type: none"> <li>• In new sec. 138 (b)(2)(A), the parenthetical was deleted.</li> <li>• New sec. 138 (b)(2)(E) was revised to read “(E) facilitating engagement of disadvantaged communities in State and Federal advisory groups, workshops, rulemakings, and other public processes.)”; and,</li> <li>• In new sec. 138 (d), the definition of greenhouse gas was modified to “‘greenhouse gas’ means the air pollutants carbon dioxide, hydrofluorocarbons, methane, nitrous oxide, perfluorocarbons, and sulfur hexafluoride.”</li> </ul> |
| Subtitle C-<br>United States<br>Fish and<br>Wildlife<br>Service |  |   |
| 60301   | Endangered<br>Species Act<br>Recovery Plans  | No change.  |
| 60302   | Funding for the<br>United States<br>Fish and Wildlife<br>Service to<br>Address Climate-<br>Induced Weather<br>Events | <ul style="list-style-type: none"> <li>• The phrase “climate-induced” was deleted where it appeared; and</li> <li>• In subsection (a), the word “including” was deleted.</li> </ul>   |
| Subtitle D-<br>Council on<br>Environmental<br>Quality           |  |   |
| 60401   | Environmental<br>and Climate Data<br>Collection  | <ul style="list-style-type: none"> <li>• The word “including” was deleted and replaced with “and provide”</li> </ul>  |
| 60402   | Council on<br>Environmental<br>Quality Efficient<br>and Effective  | No changes.   |

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|  | Environmental Reviews                        |   |
| Subtitle E-Transportation and Infrastructure |  |   |
| 60501  | Neighborhood Access and Equity Grant Program | <ul style="list-style-type: none"> <li>• The section number was revised from 178 to 177.</li> <li>• In new sec. 177(a)(1), the words “construction of” were deleted.</li> <li>• In new sec. 177(a)(2), “including construction of” was replaced with “through”</li> <li>• New sec. 177(a)(2)(B) was revised to read “(B) technologies, infrastructure, and activities to reduce surface transportation-related greenhouse gas emissions and other air pollution;”</li> <li>• New sec. 177(a)(2)(C) was revised to read “(C) natural infrastructure, pervious, permeable, or porous pavement, or protective features to reduce or manage stormwater run-off resulting from a facility described in subsection (c)(2);”</li> <li>• In new sec. 177(d)(1), the level of appropriation was revised to “\$1,262,000,000”</li> <li>• New sec. 177(d)(2)(A) was revised to read “(A) is economically disadvantaged, underserved, or located in an area of persistent poverty;”</li> <li>• In new sec. 177(g), the level of appropriation was revised to “\$50,000,000”; and,</li> <li>• The definition of greenhouse gas was deleted.</li> </ul> |
| 60502  | Assistance for Federal Buildings             | No change.  |
| 60503  | Use of Low-Carbon Materials                  | <ul style="list-style-type: none"> <li>• In subsection (a), the purpose of funding was changed to “... to acquire and install materials and products for use in the construction or alteration of buildings under the jurisdiction, custody, and control of the General Services Administration that have substantially lower levels of embodied greenhouse gas emissions associated with all relevant stages of production, use, and disposal as compared to estimated industry averages of similar materials or products, as determined by the Administrator of the Environmental Protection Agency.” and,</li> <li>• In subsection (b), the definition of greenhouse gas was modified to “‘greenhouse gas’ means the air pollutants carbon dioxide, hydrofluorocarbons, methane, nitrous oxide, perfluorocarbons, and sulfur hexafluoride.”</li> </ul>   |

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| 60504 | General Services Administration Emerging Technologies | No changes  |
| 60505 | Environmental Review Implementation Funds             | <ul style="list-style-type: none"> <li>• Section number was revised from 179 to 178.</li> <li>• In new sec. 178(a) the word “including” was deleted.</li> <li>• New sec. 178(a)(1) was revised to read “(1) the provision of guidance, technical assistance, templates, training, or tools to facilitate an efficient and effective environmental review process for surface transportation projects, and any administrative expenses of the Federal Highway Administration to conduct activities described in this section; and”</li> <li>• New sec. 178 (a)(2) was revised to read “(2) providing funds made available under this subsection to eligible entities—<br/>“(A) to build capacity of such eligible entities to conduct environmental review processes;<br/>“(B) to facilitate the environmental review process for proposed projects, by—<br/>    “(i) defining the scope or study areas;<br/>    “(ii) identifying impacts, mitigation measures, and reasonable alternatives;<br/>    “(iii) preparing planning and environmental studies and other documents prior to and during the environmental review process, for potential use in the environmental review process in accordance with applicable statutes and regulations;<br/>    “(iv) conducting public engagement activities; and<br/>    “(v) carrying out permitting or other activities, as the Administrator determines to be appropriate, to support the timely completion of an environmental review process required for a proposed project; and<br/>“(C) for administrative expenses of the eligible entity to conduct any of the activities described in subparagraphs (A) and (B).” and,</li> <li>• In new sec. 178 (b)(2) the including clause was deleted.</li> </ul> |
| 60506 | Low-Carbon Transportation Materials Grants            | <ul style="list-style-type: none"> <li>• Section number revised from 180 to 179.</li> <li>• In new sec. 179(a) the purpose of funding was revised to read “to reimburse or provide incentives to eligible recipients for the use, in projects, of construction materials and products that have substantially lower levels of embodied greenhouse gas emissions associated with all relevant stages of production, use, and disposal as compared to estimated industry averages of similar</li> </ul>   |

materials or products, as determined by the Administrator of the Environmental Protection Agency, and for the operations and administration of the Federal Highway Administration to carry out this section.”

- The definition of “low embodied carbon construction materials and products” was deleted.
- In new sec. 179 (c)(3), the definition of greenhouse gas was modified to “‘greenhouse gas’ means the air pollutants carbon dioxide, hydrofluorocarbons, methane, nitrous oxide, perfluorocarbons, and sulfur hexafluoride.”