

KERRY-BOXER (S.1733)

ACES (HR.2454)

| | Average per Year, First 10 years (2012-2021) | | | | | Average per Year, First 10 years (2012-2021) | | | |
|---------------------------------------------------------------------------------|----------------------------------------------|--------------------------------|------------------------------|-------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------|------------------------------|------------------------------|
| | (in millions) | | | | | (in millions) | | | |
| Allowances Created | 4,976 | | | | Allowances Created | 5,052 | | | |
| | (in 2009 dollars per ton) | | | | | (in 2009 dollars per ton) | | | |
| Allowance Price - Floor | \$13.91 | | | | Allowance Price - Floor | \$12.58 | | | |
| Allowance Price - EPA | \$15.42 | | | | Allowance Price - EPA | \$15.42 | | | |
| Allowance Price - CBO-equivalent | \$25.04 | | | | Allowance Price - CBO | \$21.90 | | | |
| | % of total allowances | Value at Floor Allowance Price | Value at EPA Allowance Price | Value at CBO-equiv. Allowance Price | | % of total allowances | Value at Floor Allowance Price | Value at EPA Allowance Price | Value at CBO Allowance Price |
| | | (in million 2009 dollars) | | | | | (in million 2009 dollars) | | |
| Set aside to stock Market Stability Reserve pool | 2.2% | \$1,546.9 | \$1,710.6 | \$2,784.4 | Set-aside to stock Strategic Reserve Pool | 1.2% | \$788.1 | \$961.7 | \$1,389.3 |
| Deficit reduction | 10.1% | \$6,967.7 | \$7,725.5 | \$12,541.9 | Deficit reduction | 3.0% | \$1,502.0 | \$1,890.6 | \$2,439.5 |
| Energy consumers and industry | 63.7% | \$44,576.9 | \$49,369.6 | \$80,238.4 | Energy consumers and industry assistance | 73.4% | \$47,306.9 | \$57,922.7 | \$82,674.3 |
| Large electric utilities/LDCs (for consumers) | 27.0% | \$18,474.7 | \$20,511.7 | \$33,254.5 | Large electric utilities/LDCs (for consumers) | 31.8% | \$19,955.4 | \$24,496.9 | \$34,639.4 |
| Merchant coal plants | 3.2% | \$2,155.7 | \$2,393.4 | \$3,880.3 | Merchant coal plants | 3.7% | \$2,328.5 | \$2,858.4 | \$4,041.9 |
| Long-term power contracts | 1.4% | \$927.0 | \$1,029.2 | \$1,668.5 | Long-term power contracts | 1.6% | \$1,001.3 | \$1,229.1 | \$1,738.0 |
| Small electric utilities/LDCs (for consumers, renewables and efficiency) | 0.9% | \$637.6 | \$706.8 | \$1,147.7 | Small electric utilities/LDCs (for consumers, renewables and efficiency) | 0.5% | \$314.7 | \$385.8 | \$548.4 |
| No Industrial cogeneration facilities funding | - | - | - | - | Industrial cogeneration facilities | 0.0% | \$16.0 | \$20.4 | \$25.7 |
| Natural gas distribution companies (for consumers and efficiency) | 4.5% | \$3,494.6 | \$3,828.7 | \$6,290.3 | Natural gas distribution companies (for consumers and efficiency) | 5.3% | \$3,811.0 | \$4,617.2 | \$6,858.9 |
| State heating oil and propane assistance funds (for consumers and efficiency) | 1.4% | \$924.7 | \$1,026.7 | \$1,664.4 | State heating oil and propane assistance funds (for consumers and efficiency) | 1.6% | \$998.3 | \$1,225.5 | \$1,732.9 |
| Low- and middle-income consumer assistance | 12.6% | \$8,733.2 | \$9,682.0 | \$15,719.8 | Low-income consumer assistance | 14.8% | \$9,442.1 | \$11,574.2 | \$16,452.6 |
| Climate change consumer refund | 0.0% | \$0.0 | \$0.0 | \$0.0 | Climate change consumer refund | 0.0% | \$0.0 | \$0.0 | \$0.0 |
| Trade-vulnerable energy-intensive industries | 11.3% | \$8,116.4 | \$8,964.2 | \$14,609.5 | Trade-vulnerable energy-intensive industries | 12.2% | \$8,232.6 | \$10,043.9 | \$14,505.6 |
| Oil refineries | 1.5% | \$1,112.9 | \$1,226.9 | \$2,003.3 | Oil refineries | 1.8% | \$1,207.0 | \$1,471.3 | \$2,130.9 |
| Investment in clean technology | 12.6% | \$8,571.8 | \$9,522.8 | \$15,429.2 | Investment in clean technology | 13.8% | \$8,721.2 | \$10,701.5 | \$15,151.2 |
| Carbon capture and storage deployment incentives | 2.2% | \$1,690.0 | \$1,851.3 | \$3,042.0 | Carbon capture and storage deployment incentives | 2.6% | \$1,844.4 | \$2,234.2 | \$3,318.8 |
| Investment in renewable energy and energy efficiency (federal, state, local and | 6.4% | \$4,248.3 | \$4,733.3 | \$7,646.9 | Investments in renewables, efficiency and transit (state, local & tribal govt. funds) | 7.2% | \$4,420.1 | \$5,442.7 | \$7,602.6 |
| Investment in renewable energy and energy efficiency, early distribution | 0.0% | \$0.0 | \$0.0 | \$0.0 | Investments in renewables, efficiency and transit, early distribution | 0.0% | \$0.0 | \$0.0 | \$0.0 |
| Building codes and efficiency retrofit programs | 0.4% | \$291.1 | \$322.7 | \$524.0 | Building codes and efficiency retrofit programs | 0.5% | \$339.1 | \$415.8 | \$590.3 |
| Investment in clean vehicle technology | 1.7% | \$1,119.3 | \$1,251.7 | \$2,014.7 | Investment in advanced automotive technology | 2.0% | \$1,173.5 | \$1,451.5 | \$1,994.3 |
| Clean Energy Innovation Centers (R&D) | 0.5% | \$320.2 | \$356.5 | \$576.3 | Clean Energy Innovation Centers (R&D) | 0.4% | \$283.3 | \$347.2 | \$493.6 |
| Advanced Research Projects Agency for Energy (R&D) | 1.4% | \$902.9 | \$1,007.2 | \$1,625.2 | Advanced Research Projects Agency for Energy (R&D) | 1.0% | \$660.9 | \$810.2 | \$1,151.7 |
| R&D subtotal | 1.9% | \$1,223.1 | \$1,363.7 | \$2,201.6 | R&D subtotal | 1.5% | \$944.2 | \$1,157.4 | \$1,645.3 |
| Other clean technology subtotal | 10.8% | \$7,348.7 | \$8,159.1 | \$13,227.6 | Other clean technology subtotal | 12.3% | \$7,777.0 | \$9,544.1 | \$13,506.0 |
| Other public purposes | 4.5% | \$2,995.7 | \$3,334.2 | \$5,392.2 | Other public purposes | 3.7% | \$2,318.7 | \$2,847.1 | \$4,024.6 |
| Domestic adaptation (state govt. funds) | 0.6% | \$364.7 | \$406.9 | \$656.4 | Domestic adaptation (state and federal govt. funds) | 0.9% | \$566.5 | \$694.5 | \$987.2 |
| Climate change and public health | 0.1% | \$58.2 | \$64.5 | \$104.8 | Climate change health protection and promotion | 0.1% | \$62.9 | \$77.2 | \$109.7 |
| Wildlife and natural resources adaptation (state and federal govt. funds) | 0.8% | \$588.0 | \$651.9 | \$1,058.5 | Wildlife and natural resources adaptation (state and federal govt.) | 1.0% | \$629.5 | \$771.6 | \$1,096.8 |
| International adaptation and clean technology transfer | 1.9% | \$1,337.7 | \$1,483.0 | \$2,407.8 | International adaptation and clean technology transfer | 1.0% | \$629.5 | \$771.6 | \$1,096.8 |
| Energy efficiency and renewable energy worker training | 0.2% | \$112.3 | \$127.4 | \$202.1 | Energy efficiency and renewable energy worker training | 0.1% | \$69.8 | \$88.3 | \$112.3 |
| Nuclear worker training | 0.1% | \$68.5 | \$77.4 | \$123.3 | No Nuclear energy worker training | - | - | - | - |
| Worker transition assistance and retraining | 0.4% | \$291.1 | \$322.7 | \$524.0 | Worker transition assistance and retraining | 0.5% | \$314.7 | \$385.8 | \$548.4 |
| Credit for early action | 0.3% | \$175.1 | \$200.4 | \$315.3 | Credit for early action | 0.1% | \$45.8 | \$58.2 | \$73.3 |
| Supplemental emissions reductions funding | 7.5% | \$5,140.7 | \$5,707.3 | \$9,253.3 | Supplemental emissions reductions funding | 4.9% | \$3,147.4 | \$3,858.1 | \$5,484.2 |
| Supplemental international forestry emissions reductions fund | 4.2% | \$2,911.1 | \$3,227.3 | \$5,239.9 | Supplemental international forestry emissions reductions | 4.9% | \$3,147.4 | \$3,858.1 | \$5,484.2 |
| Supplemental Agriculture, Renewable Energy and Forestry Fund (for ag/forestry) | 1.2% | \$810.3 | \$901.9 | \$1,458.6 | No Supplemental Agriculture, Renewable Energy and Forestry Fund | - | - | - | - |
| Supplemental Transportation GHG Reduction Fund (for public transit and metro) | 2.1% | \$1,419.3 | \$1,578.0 | \$2,554.8 | No Supplemental Transportation GHG Reduction Fund | - | - | - | - |
| Total | 101% | \$69,799.7 | \$77,370.1 | \$125,639.4 | Total | 100% | \$63,738.6 | \$78,123.5 | \$111,089.8 |