

## Allowance Distribution – Table 1

The following table shows the **percentage of total available allowances** (excluding safety valve allowances) to be distributed to each category each year.

| Year | Auction | Allocation to Private Sector<br>(Regulated and Non-Regulated Entities) | Set-Aside Programs            |                            | Allocation to States | Value of 1% of the<br>Allowances<br>(Millions 2004\$) |
|------|---------|------------------------------------------------------------------------|-------------------------------|----------------------------|----------------------|-------------------------------------------------------|
|      |         |                                                                        | Agricultural<br>Sequestration | Early Reduction<br>Credits |                      |                                                       |
| 2012 | 10      | 55                                                                     | 5                             | 1                          | 29                   | \$251                                                 |
| 2013 | 10      | 55                                                                     | 5                             | 1                          | 29                   | \$274                                                 |
| 2014 | 10      | 55                                                                     | 5                             | 1                          | 29                   | \$298                                                 |
| 2015 | 10      | 55                                                                     | 5                             | 1                          | 29                   | \$325                                                 |
| 2016 | 10      | 55                                                                     | 5                             | 1                          | 29                   | \$354                                                 |
| 2017 | 12      | 53                                                                     | 5                             | 1                          | 29                   | \$387                                                 |
| 2018 | 14      | 51                                                                     | 5                             | 1                          | 29                   | \$423                                                 |
| 2019 | 16      | 49                                                                     | 5                             | 1                          | 29                   | \$463                                                 |
| 2020 | 18      | 47                                                                     | 5                             | 1                          | 29                   | \$506                                                 |
| 2021 | 20      | 45                                                                     | 5                             | 1                          | 29                   | \$531                                                 |
| 2022 | 22      | 43                                                                     | 5                             | 0                          | 30                   | \$543                                                 |
| 2023 | 24      | 41                                                                     | 5                             | 0                          | 30                   | \$554                                                 |
| 2024 | 26      | 39                                                                     | 5                             | 0                          | 30                   | \$565                                                 |
| 2025 | 28      | 37                                                                     | 5                             | 0                          | 30                   | \$578                                                 |
| 2026 | 30      | 35                                                                     | 5                             | 0                          | 30                   | \$591                                                 |
| 2027 | 32      | 33                                                                     | 5                             | 0                          | 30                   | \$605                                                 |
| 2028 | 34      | 31                                                                     | 5                             | 0                          | 30                   | \$620                                                 |
| 2029 | 36      | 29                                                                     | 5                             | 0                          | 30                   | \$635                                                 |
| 2030 | 38      | 27                                                                     | 5                             | 0                          | 30                   | \$651                                                 |
| 2031 | 40      | 25                                                                     | 5                             | 0                          | 30                   | \$667                                                 |
| 2032 | 42      | 23                                                                     | 5                             | 0                          | 30                   | \$684                                                 |
| 2033 | 44      | 21                                                                     | 5                             | 0                          | 30                   |                                                       |
| 2034 | 46      | 19                                                                     | 5                             | 0                          | 30                   |                                                       |
| 2035 | 48      | 17                                                                     | 5                             | 0                          | 30                   |                                                       |
| 2036 | 50      | 15                                                                     | 5                             | 0                          | 30                   |                                                       |
| 2037 | 52      | 13                                                                     | 5                             | 0                          | 30                   |                                                       |
| 2038 | 54      | 11                                                                     | 5                             | 0                          | 30                   |                                                       |
| 2039 | 56      | 9                                                                      | 5                             | 0                          | 30                   |                                                       |
| 2040 | 58      | 7                                                                      | 5                             | 0                          | 30                   |                                                       |
| 2041 | 60      | 5                                                                      | 5                             | 0                          | 30                   |                                                       |
| 2042 | 62      | 3                                                                      | 5                             | 0                          | 30                   |                                                       |
| 2043 | 64      | 1                                                                      | 5                             | 0                          | 30                   |                                                       |
| 2044 | 65      | 0                                                                      | 5                             | 0                          | 30                   |                                                       |

## Allowance Distribution – Table 2

The following table shows the **percentage of total available allowances** (excluding safety valve allowances) to be distributed to each sector each year.

| Year | Auction | Allocation to Regulated Entities |           |             |                         | Allocation to Non-regulated Entities |                    | Set-Aside Programs         |                         | Allocation to States |
|------|---------|----------------------------------|-----------|-------------|-------------------------|--------------------------------------|--------------------|----------------------------|-------------------------|----------------------|
|      |         | Coal                             | Petroleum | Natural Gas | Non-CO <sub>2</sub> GHG | Electric Generators                  | Industrial Sectors | Agricultural Sequestration | Early Reduction Credits |                      |
| 2012 | 10.00   | 7.00                             | 4.00      | 2.00        | 2.00                    | 30.00                                | 10.00              | 5.00                       | 1.00                    | 29.00                |
| 2013 | 10.00   | 7.00                             | 4.00      | 2.00        | 2.00                    | 30.00                                | 10.00              | 5.00                       | 1.00                    | 29.00                |
| 2014 | 10.00   | 7.00                             | 4.00      | 2.00        | 2.00                    | 30.00                                | 10.00              | 5.00                       | 1.00                    | 29.00                |
| 2015 | 10.00   | 7.00                             | 4.00      | 2.00        | 2.00                    | 30.00                                | 10.00              | 5.00                       | 1.00                    | 29.00                |
| 2016 | 10.00   | 7.00                             | 4.00      | 2.00        | 2.00                    | 30.00                                | 10.00              | 5.00                       | 1.00                    | 29.00                |
| 2017 | 12.00   | 6.75                             | 3.85      | 1.93        | 1.93                    | 28.91                                | 9.64               | 5.00                       | 1.00                    | 29.00                |
| 2018 | 14.00   | 6.49                             | 3.71      | 1.85        | 1.85                    | 27.82                                | 9.27               | 5.00                       | 1.00                    | 29.00                |
| 2019 | 16.00   | 6.24                             | 3.56      | 1.78        | 1.78                    | 26.73                                | 8.91               | 5.00                       | 1.00                    | 29.00                |
| 2020 | 18.00   | 5.98                             | 3.42      | 1.71        | 1.71                    | 25.64                                | 8.55               | 5.00                       | 1.00                    | 29.00                |
| 2021 | 20.00   | 5.73                             | 3.27      | 1.64        | 1.64                    | 24.55                                | 8.18               | 5.00                       | 0.00                    | 30.00                |
| 2022 | 22.00   | 5.47                             | 3.13      | 1.56        | 1.56                    | 23.45                                | 7.82               | 5.00                       | 0.00                    | 30.00                |
| 2023 | 24.00   | 5.22                             | 2.98      | 1.49        | 1.49                    | 22.36                                | 7.45               | 5.00                       | 0.00                    | 30.00                |
| 2024 | 26.00   | 4.96                             | 2.84      | 1.42        | 1.42                    | 21.27                                | 7.09               | 5.00                       | 0.00                    | 30.00                |
| 2025 | 28.00   | 4.71                             | 2.69      | 1.35        | 1.35                    | 20.18                                | 6.73               | 5.00                       | 0.00                    | 30.00                |
| 2026 | 30.00   | 4.45                             | 2.55      | 1.27        | 1.27                    | 19.09                                | 6.36               | 5.00                       | 0.00                    | 30.00                |
| 2027 | 32.00   | 4.20                             | 2.40      | 1.20        | 1.20                    | 18.00                                | 6.00               | 5.00                       | 0.00                    | 30.00                |
| 2028 | 34.00   | 3.95                             | 2.25      | 1.13        | 1.13                    | 16.91                                | 5.64               | 5.00                       | 0.00                    | 30.00                |
| 2029 | 36.00   | 3.69                             | 2.11      | 1.05        | 1.05                    | 15.82                                | 5.27               | 5.00                       | 0.00                    | 30.00                |
| 2030 | 38.00   | 3.44                             | 1.96      | 0.98        | 0.98                    | 14.73                                | 4.91               | 5.00                       | 0.00                    | 30.00                |
| 2031 | 40.00   | 3.18                             | 1.82      | 0.91        | 0.91                    | 13.64                                | 4.55               | 5.00                       | 0.00                    | 30.00                |
| 2032 | 42.00   | 2.93                             | 1.67      | 0.84        | 0.84                    | 12.55                                | 4.18               | 5.00                       | 0.00                    | 30.00                |
| 2033 | 44.00   | 2.67                             | 1.53      | 0.76        | 0.76                    | 11.45                                | 3.82               | 5.00                       | 0.00                    | 30.00                |
| 2034 | 46.00   | 2.42                             | 1.38      | 0.69        | 0.69                    | 10.36                                | 3.45               | 5.00                       | 0.00                    | 30.00                |
| 2035 | 48.00   | 2.16                             | 1.24      | 0.62        | 0.62                    | 9.27                                 | 3.09               | 5.00                       | 0.00                    | 30.00                |
| 2036 | 50.00   | 1.91                             | 1.09      | 0.55        | 0.55                    | 8.18                                 | 2.73               | 5.00                       | 0.00                    | 30.00                |
| 2037 | 52.00   | 1.65                             | 0.95      | 0.47        | 0.47                    | 7.09                                 | 2.36               | 5.00                       | 0.00                    | 30.00                |
| 2038 | 54.00   | 1.40                             | 0.80      | 0.40        | 0.40                    | 6.00                                 | 2.00               | 5.00                       | 0.00                    | 30.00                |
| 2039 | 56.00   | 1.15                             | 0.65      | 0.33        | 0.33                    | 4.91                                 | 1.64               | 5.00                       | 0.00                    | 30.00                |
| 2040 | 58.00   | 0.89                             | 0.51      | 0.25        | 0.25                    | 3.82                                 | 1.27               | 5.00                       | 0.00                    | 30.00                |
| 2041 | 60.00   | 0.64                             | 0.36      | 0.18        | 0.18                    | 2.73                                 | 0.91               | 5.00                       | 0.00                    | 30.00                |
| 2042 | 62.00   | 0.38                             | 0.22      | 0.11        | 0.11                    | 1.64                                 | 0.55               | 5.00                       | 0.00                    | 30.00                |
| 2043 | 64.00   | 0.13                             | 0.07      | 0.04        | 0.04                    | 0.55                                 | 0.18               | 5.00                       | 0.00                    | 30.00                |
| 2044 | 65.00   | 0.00                             | 0.00      | 0.00        | 0.00                    | 0.00                                 | 0.00               | 5.00                       | 0.00                    | 30.00                |

## Allowance Distribution – Table 3

The following table shows the **percentage of total available allowances** (excluding safety valve allowances) to be distributed to each sector each year, along with the allocation to each sector as a **percentage of each sector's "business-as-usual" emissions** for that year based on AEO 2006 projections.

| Year | Allocation to Regulated Entities |                          |                       |                          |                       |                          |                         |                          | Allocation to Non-regulated Entities |                          |                       |                          |
|------|----------------------------------|--------------------------|-----------------------|--------------------------|-----------------------|--------------------------|-------------------------|--------------------------|--------------------------------------|--------------------------|-----------------------|--------------------------|
|      | Coal                             |                          | Petroleum             |                          | Natural Gas           |                          | Non-CO <sub>2</sub> GHG |                          | Electric Generators                  |                          | Industrial Sectors    |                          |
|      | % of Total Allowances            | % of Total BAU Emissions | % of Total Allowances | % of Total BAU Emissions | % of Total Allowances | % of Total BAU Emissions | % of Total Allowances   | % of Total BAU Emissions | % of Total Allowances                | % of Total BAU Emissions | % of Total Allowances | % of Total BAU Emissions |
| 2012 | 7.00                             | 20                       | 4.00                  | 10                       | 2.00                  | 10                       | 2.00                    | 37                       | 30.00                                | 79                       | 10.00                 |                          |
| 2013 | 7.00                             | 20                       | 4.00                  | 10                       | 2.00                  | 10                       | 2.00                    | 36                       | 30.00                                | 78                       | 10.00                 |                          |
| 2014 | 7.00                             | 20                       | 4.00                  | 10                       | 2.00                  | 10                       | 2.00                    | 34                       | 30.00                                | 77                       | 10.00                 |                          |
| 2015 | 7.00                             | 20                       | 4.00                  | 9                        | 2.00                  | 10                       | 2.00                    | 33                       | 30.00                                | 77                       | 10.00                 |                          |
| 2016 | 7.00                             | 20                       | 4.00                  | 9                        | 2.00                  | 10                       | 2.00                    | 32                       | 30.00                                | 77                       | 10.00                 |                          |
| 2017 | 6.75                             | 19                       | 3.85                  | 9                        | 1.93                  | 9                        | 1.93                    | 29                       | 28.91                                | 74                       | 9.64                  |                          |
| 2018 | 6.49                             | 18                       | 3.71                  | 9                        | 1.85                  | 9                        | 1.85                    | 27                       | 27.82                                | 71                       | 9.27                  |                          |
| 2019 | 6.24                             | 18                       | 3.56                  | 8                        | 1.78                  | 9                        | 1.78                    | 25                       | 26.73                                | 68                       | 8.91                  |                          |
| 2020 | 5.98                             | 17                       | 3.42                  | 8                        | 1.71                  | 8                        | 1.71                    | 23                       | 25.64                                | 65                       | 8.55                  |                          |
| 2021 | 5.73                             | 16                       | 3.27                  | 8                        | 1.64                  | 8                        | 1.64                    | 21                       | 24.55                                | 61                       | 8.18                  |                          |
| 2022 | 5.47                             | 15                       | 3.13                  | 7                        | 1.56                  | 7                        | 1.56                    | 19                       | 23.45                                | 58                       | 7.82                  |                          |
| 2023 | 5.22                             | 14                       | 2.98                  | 7                        | 1.49                  | 7                        | 1.49                    | 17                       | 22.36                                | 54                       | 7.45                  |                          |
| 2024 | 4.96                             | 13                       | 2.84                  | 6                        | 1.42                  | 7                        | 1.42                    | 16                       | 21.27                                | 51                       | 7.09                  |                          |
| 2025 | 4.71                             | 12                       | 2.69                  | 6                        | 1.35                  | 6                        | 1.35                    | 14                       | 20.18                                | 47                       | 6.73                  |                          |
| 2026 | 4.45                             | 11                       | 2.55                  | 6                        | 1.27                  | 6                        | 1.27                    | 13                       | 19.09                                | 44                       | 6.36                  |                          |
| 2027 | 4.20                             | 10                       | 2.40                  | 5                        | 1.20                  | 6                        | 1.20                    | 11                       | 18.00                                | 41                       | 6.00                  |                          |
| 2028 | 3.95                             | 9                        | 2.25                  | 5                        | 1.13                  | 5                        | 1.13                    |                          | 16.91                                | 38                       | 5.64                  |                          |
| 2029 | 3.69                             | 8                        | 2.11                  | 4                        | 1.05                  | 5                        | 1.05                    |                          | 15.82                                | 35                       | 5.27                  |                          |
| 2030 | 3.44                             | 8                        | 1.96                  | 4                        | 0.98                  | 5                        | 0.98                    |                          | 14.73                                | 32                       | 4.91                  |                          |
| 2031 | 3.18                             | 7                        | 1.82                  | 4                        | 0.91                  | 4                        | 0.91                    |                          | 13.64                                | 29                       | 4.55                  |                          |
| 2032 | 2.93                             | 6                        | 1.67                  | 3                        | 0.84                  | 4                        | 0.84                    |                          | 12.55                                | 26                       | 4.18                  |                          |
| 2033 | 2.67                             |                          | 1.53                  |                          | 0.76                  |                          | 0.76                    |                          | 11.45                                |                          | 3.82                  |                          |
| 2034 | 2.42                             |                          | 1.38                  |                          | 0.69                  |                          | 0.69                    |                          | 10.36                                |                          | 3.45                  |                          |
| 2035 | 2.16                             |                          | 1.24                  |                          | 0.62                  |                          | 0.62                    |                          | 9.27                                 |                          | 3.09                  |                          |
| 2036 | 1.91                             |                          | 1.09                  |                          | 0.55                  |                          | 0.55                    |                          | 8.18                                 |                          | 2.73                  |                          |
| 2037 | 1.65                             |                          | 0.95                  |                          | 0.47                  |                          | 0.47                    |                          | 7.09                                 |                          | 2.36                  |                          |
| 2038 | 1.40                             |                          | 0.80                  |                          | 0.40                  |                          | 0.40                    |                          | 6.00                                 |                          | 2.00                  |                          |
| 2039 | 1.15                             |                          | 0.65                  |                          | 0.33                  |                          | 0.33                    |                          | 4.91                                 |                          | 1.64                  |                          |
| 2040 | 0.89                             |                          | 0.51                  |                          | 0.25                  |                          | 0.25                    |                          | 3.82                                 |                          | 1.27                  |                          |
| 2041 | 0.64                             |                          | 0.36                  |                          | 0.18                  |                          | 0.18                    |                          | 2.73                                 |                          | 0.91                  |                          |
| 2042 | 0.38                             |                          | 0.22                  |                          | 0.11                  |                          | 0.11                    |                          | 1.64                                 |                          | 0.55                  |                          |
| 2043 | 0.13                             |                          | 0.07                  |                          | 0.04                  |                          | 0.04                    |                          | 0.55                                 |                          | 0.18                  |                          |
| 2044 | 0.00                             |                          | 0.00                  |                          | 0.00                  |                          | 0.00                    |                          | 0.00                                 |                          | 0.00                  |                          |

