

## Policy Simulation Results

### Equal Reductions

| Firm  | Initial Emissions | Reduction | Final Emissions | Abatement Cost | Other Costs | Total Cost |
|-------|-------------------|-----------|-----------------|----------------|-------------|------------|
| 1     | 160               | 30        | 130             | 560            | 0           | 560        |
| 2     | 60                | 30        | 30              | 180            | 0           | 180        |
| 3     | 110               | 30        | 80              | 300            | 0           | 300        |
| 4     | 80                | 30        | 50              | 560            | 0           | 560        |
| 5     | 90                | 30        | 60              | 180            | 0           | 180        |
| 6     | 100               | 30        | 70              | 300            | 0           | 300        |
| Total | 600               | 180       | 420             | 2080           | 0           | 2080       |

### Proportional Reductions

| Firm  | Initial Emissions | Reduction | Final Emissions | Abatement Cost | Other Costs | Total Cost |
|-------|-------------------|-----------|-----------------|----------------|-------------|------------|
| 1     | 160               | 48        | 112             | 2224           | 0           | 2224       |
| 2     | 60                | 18        | 42              | 108            | 0           | 108        |
| 3     | 110               | 33        | 77              | 330            | 0           | 330        |
| 4     | 80                | 24        | 56              | 368            | 0           | 368        |
| 5     | 90                | 27        | 63              | 162            | 0           | 162        |
| 6     | 100               | 30        | 70              | 300            | 0           | 300        |
| Total | 600               | 180       | 420             | 3492           | 0           | 3492       |

### Emissions Fee of \$11

| Firm  | Initial Emissions | Reduction | Final Emissions | Abatement Cost | Other Costs | Total Cost |
|-------|-------------------|-----------|-----------------|----------------|-------------|------------|
| 1     | 160               | 10        | 150             | 80             | 1650        | 1730       |
| 2     | 60                | 30        | 30              | 180            | 330         | 510        |
| 3     | 110               | 50        | 60              | 500            | 660         | 1160       |
| 4     | 80                | 10        | 70              | 80             | 770         | 850        |
| 5     | 90                | 30        | 60              | 180            | 660         | 840        |
| 6     | 100               | 50        | 50              | 500            | 550         | 1050       |
| Total | 600               | 180       | 420             | 1520           | 4620        | 6140       |

### Tradable Permits, P = \$11

| Firm  | Initial Emissions | Reduction | Final Emissions | Abatement Cost | Other Costs | Total Cost |
|-------|-------------------|-----------|-----------------|----------------|-------------|------------|
| 1     | 160               | 10        | 150             | 80             | 220         | 300        |
| 2     | 60                | 30        | 30              | 180            | 0           | 180        |
| 3     | 110               | 50        | 60              | 500            | -220        | 280        |
| 4     | 80                | 10        | 70              | 80             | 220         | 300        |
| 5     | 90                | 30        | 60              | 180            | 0           | 180        |
| 6     | 100               | 50        | 50              | 500            | -220        | 280        |
| Total | 600               | 180       | 420             | 1520           | 0           | 1520       |