

**New York State GHG Emission Reductions 1990 to 2016 (MMtCO<sub>2</sub>e)**

| <b>Category</b>                      | <b>1990</b>   | <b>2016</b>   | <b>Delta MMtCO<sub>2</sub>e</b> | <b>Delta %</b> |
|--------------------------------------|---------------|---------------|---------------------------------|----------------|
| <b>Energy</b>                        | <b>208.96</b> | <b>172.79</b> | <b>-36.17</b>                   | <b>-17%</b>    |
| Electricity Generation               | 63.02         | 27.72         | -35.3                           | -56%           |
| Residential                          | 34.25         | 30.89         | -3.36                           | -10%           |
| Commercial                           | 26.55         | 20.66         | -5.89                           | -22%           |
| Industrial                           | 20.02         | 10.23         | -9.79                           | -49%           |
| Transportation                       | 59.37         | 73.98         | 14.61                           | 25%            |
| Net Imported Electricity             | 1.74          | 3.82          | 2.08                            | 120%           |
| Incineration of Waste                | 1.27          | 2.79          | 1.52                            | 120%           |
| Natural Gas Systems                  | 2.74          | 2.73          | -0.01                           | 0%             |
| <b>Non-Energy Sources</b>            | <b>27.22</b>  | <b>32.82</b>  | <b>5.6</b>                      | <b>21%</b>     |
| Agriculture                          | 8.37          | 8.86          | 0.49                            | 6%             |
| Waste                                | 14.86         | 12.8          | -2.06                           | -14%           |
| Industrial Processes and Product Use | 3.99          | 11.15         | 7.16                            | 179%           |
| <b>TOTAL</b>                         | <b>236.19</b> | <b>205.61</b> | <b>-30.58</b>                   | <b>-13%</b>    |
| <i>Fuel Combustion</i>               | <i>204.95</i> | <i>167.28</i> | <i>-37.67</i>                   | <i>-18%</i>    |
| <i>Non-Fuel Combustion</i>           | <i>31.24</i>  | <i>38.33</i>  | <i>7.09</i>                     | <i>23%</i>     |