

Part 496 Total Statewide Greenhouse Gas Emissions in 1990 by IPCC Sector and Gas, in GWP20.

| Sector | CO <sub>2</sub>                              | CH <sub>4</sub> | N <sub>2</sub> O | PFCs   | HFCs | SF <sub>6</sub> | NF <sub>3</sub> | Total        |                                |                 |                  |                                    |                 |                  |      |      |                 |                 |
|--------|--|-----------------|------------------|--------|------|-----------------|-----------------|--------------|--------------------------------|-----------------|------------------|------------------------------------|-----------------|------------------|------|------|-----------------|-----------------|
| Energy | 259.96                                       | 71.76           | 1.32             |        |      | 4               |                 | 337.04       |                                |                 |                  |                                    |                 |                  |      |      |                 |                 |
| IPPU   | 1.76   | 0               | 0                | 0.9    | 0.05 | 0.01            | 0               | 2.72         |                                |                 |                  |                                    |                 |                  |      |      |                 |                 |
| AFOLU  | 0.05   | 13.07           | 4.01             |        |      |                 |                 | 17.13        |                                |                 |                  |                                    |                 |                  |      |      |                 |                 |
| Waste  | 3.03   | 49.35           | 0.5              |        |      |                 |                 | 52.88        |                                |                 |                  |                                    |                 |                  |      |      |                 |                 |
| Total  | 264.8  | 134.19          | 5.83             | 0.9    | 0.05 | 4.01            | 0               | 409.77       |                                |                 |                  |                                    |                 |                  |      |      |                 |                 |
|        |  |                 |                  |        |      |                 |                 |              | Value of carbon per metric ton |                 |                  | GHG Social Cost % of Total Benefit |                 |                  |      |      |                 |                 |
|        |  |                 |                  |        |      |                 |                 |              | 2% discount rate               |                 |                  |                                    |                 |                  |      |      |                 |                 |
| Year   | Value of Carbon Benefit, millions of dollars |                 |                  |        |      |                 |                 |              | CO <sub>2</sub>                | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub>                    | CH <sub>4</sub> | N <sub>2</sub> O | PFCs | HFCs | SF <sub>6</sub> | NF <sub>3</sub> |
| 2020   | \$ 33,100                                    | \$ 373,317      | \$ 260,758       | \$ 113 | \$ 6 | \$ 501          | \$ -            | \$ 667,795   | 125                            | 2,782           | 44,727           | 5%                                 | 56%             | 39%              | 0.0% | 0.0% | 0.1%            | 0.0%            |
| 2021   | \$ 33,630                                    | \$ 382,173      | \$ 264,834       | \$ 114 | \$ 6 | \$ 509          | \$ -            | \$ 681,266   | 127                            | 2,848           | 45,426           | 5%                                 | 56%             | 39%              | 0.0% | 0.0% | 0.1%            | 0.0%            |
| 2022   | \$ 34,159                                    | \$ 391,030      | \$ 268,903       | \$ 116 | \$ 6 | \$ 517          | \$ -            | \$ 694,732   | 129                            | 2,914           | 46,124           | 5%                                 | 56%             | 39%              | 0.0% | 0.0% | 0.1%            | 0.0%            |
| 2023   | \$ 34,424                                    | \$ 399,886      | \$ 272,978       | \$ 117 | \$ 7 | \$ 521          | \$ -            | \$ 707,933   | 130                            | 2,980           | 46,823           | 5%                                 | 56%             | 39%              | 0.0% | 0.0% | 0.1%            | 0.0%            |
| 2024   | \$ 34,954                                    | \$ 408,877      | \$ 277,053       | \$ 119 | \$ 7 | \$ 529          | \$ -            | \$ 721,539   | 132                            | 3,047           | 47,522           | 5%                                 | 57%             | 38%              | 0.0% | 0.0% | 0.1%            | 0.0%            |
| 2050   | \$ 47,134                                    | \$ 671,084      | \$ 396,003       | \$ 160 | \$ 9 | \$ 714          | \$ -            | \$ 1,115,104 | 178                            | 5,001           | 67,925           | 4%                                 | 60%             | 36%              | 0.0% | 0.0% | 0.1%            | 0.0%            |