

APPENDIX 10

Post Process TxLED Adjustments

The following table provides the TxLED reduction and the adjustment factors for the years 2020, 2030, 2040, and 2045. The source for these reduction factors is Texas A&M TTI, June 2020, based on MOVES2014a inventory mode output (using Texas statewide age distributions and fuel fractions inputs based on 2018 end-of-year TxDMV vehicle registration data) and TCEQ's spreadsheet TxLED factor calculation procedure available at:

<ftp://amdaftp.tceq.texas.gov/EI/onroad/txled/>

| Source Use Type | 2020 Reduction | 2030 Reduction | 2040 Reduction | 2045 Reduction | 2020 Factor | 2030 Factor | 2040 Factor | 2045 Factor |
|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|
| Passenger Car | 4.94% | 4.84% | 4.80% | 4.80% | 0.9506 | 0.9516 | 0.952 | 0.952 |
| Passenger Truck | 5.08% | 4.86% | 4.80% | 4.80% | 0.9492 | 0.9514 | 0.952 | 0.952 |
| Light Commercial Truck | 5.33% | 4.96% | 4.80% | 4.80% | 0.9467 | 0.9504 | 0.952 | 0.952 |
| Intercity Bus | 5.62% | 5.08% | 4.80% | 4.80% | 0.9438 | 0.9492 | 0.952 | 0.952 |
| Transit Bus | 5.56% | 5.03% | 4.80% | 4.80% | 0.9444 | 0.9497 | 0.952 | 0.952 |
| School Bus | 5.61% | 5.02% | 4.80% | 4.80% | 0.9439 | 0.9498 | 0.952 | 0.952 |
| Refuse Truck | 5.31% | 4.82% | 4.80% | 4.80% | 0.9469 | 0.9518 | 0.952 | 0.952 |
| Single Unit Short-Haul Truck | 4.89% | 4.81% | 4.80% | 4.80% | 0.9511 | 0.9519 | 0.952 | 0.952 |
| Single Unit Long-Haul Truck | 4.90% | 4.81% | 4.80% | 4.80% | 0.9510 | 0.9519 | 0.952 | 0.952 |
| Motor Home | 5.28% | 4.90% | 4.80% | 4.80% | 0.9472 | 0.9510 | 0.952 | 0.952 |
| Combination Short-Haul Truck | 5.09% | 4.82% | 4.80% | 4.80% | 0.9491 | 0.9518 | 0.952 | 0.952 |
| Combination Long-Haul Truck | 5.10% | 4.82% | 4.80% | 4.80% | 0.9490 | 0.9518 | 0.952 | 0.952 |