| **Table 4 – 340-253-8040**  **Oregon Carbon Intensity Lookup Table** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Fuel** | **Pathway Identifier** | **Pathway Description** | **Carbon Intensity Values (gCO2e/MJ)** | | |
|  |  | **Total Lifecycle Emissions** |
| Gasoline | ORGAS001 | Clear gasoline - based on a weighted average of gasoline supplied to Oregon |  |  | 100.39 |
| ORGAS002 | Imported blended gasoline (E10) – 90% clear gasoline & 10% corn ethanol based on Midwest average. Cannot be used to report exports except when the specific gallon was also imported under this fuel pathway code. |  |  | 98.29 |
| Diesel | ORULSD001 | Clear diesel, based on a weighted average of diesel fuel supplied to Oregon |  |  | 102.07 |
| ORULSD002 | Imported blended diesel (B5) – 95% clear diesel & 5% soybean biodiesel. Cannot be used to report exports except when the specific gallon was also imported under this fuel pathway code. |  |  | 100.01 |
| ORULSD003 | Imported blended diesel (B20) – 80% clear diesel & 20% soybean biodiesel. Cannot be used to report exports except when the specific gallon was also imported under this fuel pathway code. |  |  | 93.75 |
| Compressed Natural Gas | ORCNG001 | North American NG delivered via pipeline; compressed in OR |  |  | 80.44 |
| Liquefied Natural Gas | ORLNG001 | North American NG delivered via pipeline; liquefied in OR using liquefaction with 80% efficiency |  |  | 86.97 |
| Liquefied Petroleum Gas | ORLPG001 | Liquefied petroleum gas |  |  | 83.52 |
| Electricity | ORELEC100 | Solar power, produced at or directly connected to the site of the charging station in Oregon, subject to OAR 340-253-0470 (3). |  |  | 0 |
| ORELEC101 | Wind power, produced at or directly connected to the site of the charging station in Oregon, subject to OAR 340-253-0470 (3). |  |  | 0 |
| Hydrogen | ORHYF | Compressed H2 produced in Oregon from central steam methane reformation of North American fossil-based NG |  |  | 122.67 |
| ORHYFL | Liquefied H2 produced in Oregon from central steam methane reformation of North American fossil-based NG |  |  | 169.21 |
| ORHYB | Compressed H2 produced in Oregon from central steam methane reformation of biomethane (renewable feedstock) from North American landfills |  |  | 104.71 |
| ORHYBL | Liquefied H2 produced in Oregon from central steam methane reformation of biomethane (renewable feedstock) from North American landfills |  |  | 147.58 |
| ORHYEG | Compressed H2 produced in Oregon from electrolysis using Oregon average grid electricity |  |  | 322.27 |
| ORHYEB | Compressed H2 produced in Oregon from electrolysis using BPA average grid electricity |  |  | 29.90 |
| ORHYER | Compressed H2 produced in Oregon from electrolysis using solar- or wind-generated electricity |  |  | 10.47 |