



Table 4 – 340-253-8040
Oregon Carbon Intensity Lookup Table

Fuel	Pathway Identifier	Pathway Description	Carbon Intensity Values (gCO ₂ e/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			93.75



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		report exports except when the specific gallon was also imported under this fuel pathway code.			
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			169.21



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		from central steam methane reformation of North American fossil-based NG			
	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