SB 1530: Potentially Covered Entities

The following tables show entities that have the potential to be covered by the greenhouse gas (GHG) program as proposed in SB 1530. The tables show emissions reported to the Oregon Department of Environmental Quality (DEQ) under the mandatory greenhouse gas reporting requirement for the 2017 emissions year. Please note important assumptions and caveats described in advance of each of the tables.

Natural Gas

Natural gas pipelines and utilities annually report to DEQ the total volume of natural gas imported and supplied to end users in Oregon. The table below lists the total volume of natural gas reported in 2017 and the associated emissions from the combustion of that gas. LC19 would cover all GHG emissions from natural gas combustion. Nearly all of this gas would be regulated at the gas suppliers (gas marketers or gas utilities). However, a few large industrial facilities would be directly regulated for the gas they receive directly from connections to interstate pipelines (see separate section below).

Quantity and emissions reported by natural gas suppliers

Natural Gas Supplier	Quantity (Mscf)	Emissions (MTCO2e)
Marketers or Large Facilities	169,889,941	9,415,024
Avista Utilities	8,625,214	470,038
Cascade Natural Gas	8,265,845	472,406
Northwest Natural Gas	69,929,402	3,998,978
Total	256,710,402	14,356,446

Electricity

SB 1530 would cover emissions from electricity generated in Oregon as well as emissions from imported electricity serving Oregonians. Electricity generated at facilities in Oregon would be covered at the electricity generation facility (gas power plants have direct connections to interstate pipelines). Emissions from imported electricity shown in this section would be covered at the supplier level. The tables below include emissions reported to DEQ from in-state power plants and emissions associated with imported electricity provided to Oregon ratepayers in 2017.

Emissions from electricity generated in Oregon

		Natural Gas	Coal	Total
Facility Name	County	(MTCO2e)	(MTCO2e)	Emissions
Portland General Electric (Carty &	Morrow			
Boardman)		902,884	1,706,683*	2,609,567
Hermiston Power LLC	Umatilla			
		1,175,627	-	1,175,627
Portland General Electric (Coyote	Morrow			
Springs)		1,096,407	-	1,096,407
Portland General Electric	Columbia			
(Beaver/Port Westward)		1,008,157	-	1,008,157
Klamath Energy LLC	Klamath			
		955,631	-	955,631
Hermiston Generating Company,	Umatilla			
L.P.		719,622	-	719,622
Portland General Electric (Port	Columbia			
Wesward II)		104,700	-	104,700
Total		5,963,028	1,706,683	7,669,711

^{*}The emissions shown from coal are from PGE's coal-fired power plant that is planned to close by the end of 2020

Emissions from imported power serving Oregon

	Emissions from	Emissions from	
	Specified Imported	Unspecified Power	
Investor Owned Utility	Power (MTCO2e)	(MTCO2e)	Total
Idaho Power Company	177,434	11,337	188,770
Pacific Power (PacifiCorp)	7,905,163	630,209	8,535,373
Portland General Electric (PGE)	2,378,292	645,584	3,023,876
Total	10,460,889	1,287,130	11,748,019

	Emissions from Specified Imported	Emissions from Unspecified Power	
Consumer Owned Utility*	Power (MTCO2e)	(MTCO2e)	Total
Emerald PUD	293	54,893	55,186
PNGC Power (on behalf of Umatilla	25,341	-	25,341
Electric Cooperative)			
Total	25,634	54,893	80,527

^{*} In line with the design of LC19, this only shows COUs (or entities scheduling imported power on their behalf) with 25,000 MTCO2e or more in 2017.

	Emissions from Specified Imported	Emissions from Unspecified Power	
Bonneville Power Administration	Power (MTCO2e)	(MTCO2e)	Total
Bonneville Power Administration	-	129,426	129,426

Electricity Service Supplier	Emissions from Specified Imported Power (MTCO2e)	Emissions from Unspecified Power (MTCO2e)	Total
Avangrid Renewables	-	5,599	5,599
Calpine Energy Solutions	-	576,749	576,749
Constellation New Energy	-	119,777	119,777
Shell Energy North America	14,648	-	14,648
Total	14,648	702,126	716,774

Imported Fossil Fuels

SB 1530 would cover companies that own fossil fuel as it is imported into Oregon. The table below lists the anthropogenic emissions from the combustion of the total volume of fuel, excluding aviation fuel, reported to DEQ for 2017 for all companies importing at least 500,000 gallons of fuel.

Emissions reported from fuel imported into Oregon

BP West Coast Products LLC	Fuel Supplier	Emissions (MTCO2e)
Tesoro Refining And Marketing Company LLC 3,633,597 Shell Oil Products Us 3,441,869 Chevron Usa Inc. 2,759,872 Space Age Fuel Inc. 1,643,562 Vitol Inc 1,626,575 Mccall Oil & Chemical Corp 216,928 PC Energy, LLC 185,898 Shell Trading (US) Company 159,938 Mieco Inc. 119,573 Byrnes Oil Company, Inc. 114,835 Hattenhauer Distributing Company 106,784 Plains Midstream Canada Ulc 99,999 Ed Staub and Sons Petroleum, Inc. 97,820 Valero Marketing And Supply Co. 84,274 Apex Oil Company, Inc. 80,409 Amerigas Propane, Inc. 78,286 Campo & Poole Distributing, LLC 55,096 Jacksons Food Stores, Inc. 55,724 Carson Oil Company, Inc. 53,672 SeQuential-Pacific Biodiesel, LLC 53,290 A & B Enterprises, Inc. 49,931 Devin Oil Co., Inc. 49,401 Kiva Energy, Inc. 45,186 Wilson Oil dba Wilcox & Flegel 44,446 Powell-Christensen Inc 43,466 Heller & Sons Dist Inc 41,765 Musket Corporation 41,281 Colvin Oil I, LLC 39,924 Elbow River Marketing Ltd., A Corporation Of Canada Associated Petroleum Products 29,596 Suburban Propane, L.P. 27,452 Farmers Supply Cooperative 27,067 Jubitz Corporation 25,222 CHS Inc. Of Minnesota 24,136 AH Schade, Inc. 18,943 Marc Nelson Oil Products, Inc. 18,150 Marc Nelson Oil Pro	BP West Coast Products LLC	4,877,349
Shell Oil Products Us 3,441,869 Chevron Usa Inc. 2,759,872 Space Age Fuel Inc. 1,643,562 Vitol Inc 1,626,575 Mccall Oil & Chemical Corp 216,928 PC Energy, LLC 185,898 Shell Trading (US) Company 159,938 Mieco Inc. 1119,573 Byrnes Oil Company, Inc. 114,835 Hattenhauer Distributing Company 106,784 Plains Midstream Canada Ulc 99,999 Ed Staub and Sons Petroleum, Inc. 97,820 Valero Marketing And Supply Co. 84,274 Apex Oil Company, Inc. 80,409 Jacksons Foode Distributing, LLC 58,096 Jacksons Food Stores, Inc. 55,724 Carson Oil Company, Inc. 53,672 SeQuential-Pacific Biodiesel, LLC 53,290 A & B Enterprises, Inc. 49,931 Devin Oil Co., Inc. 49,931 Kiva Energy, Inc. 45,186 Wilson Oil dba Wilcox & Flegel 44,446 Powell-Christensen Inc 43,466 Heller & Sons Dist Inc 41,765	Phillips 66 Company	4,174,735
Chevron Usa Inc. 2,759,872 Space Age Fuel Inc. 1,643,562 Vitol Inc 1,626,575 McCall Oil & Chemical Corp 216,928 PC Energy, LLC 185,898 Shell Trading (US) Company 159,938 Mieco Inc. 1119,573 Byrnes Oil Company, Inc. 114,835 Hattenhauer Distributing Company 106,784 Plains Midstream Canada Ulc 99,999 Ed Staub and Sons Petroleum, Inc. 97,820 Valero Marketing And Supply Co. 84,274 Apex Oil Company, Inc. 80,409 Amerigas Propane, Inc. 78,286 Campo & Poole Distributing, LLC 58,096 Jacksons Food Stores, Inc. 55,724 Carson Oil Company, Inc. 53,672 SeQuential-Pacific Biodiesel, LLC 53,290 A & B Enterprises, Inc. 49,931 Devin Oil Co., Inc. 49,931 Wilson Oil dba Wilcox & Flegel 44,446 Powell-Christensen Inc 43,466 Heller & Sons Dist Inc 41,765 Musket Corporation 41,281 <	Tesoro Refining And Marketing Company LLC	3,633,597
Space Age Fuel Inc. 1,643,562 Vitol Inc 1,626,575 Mccall Oil & Chemical Corp 216,928 PC Energy, LLC 185,898 Shell Trading (US) Company 159,938 Mieco Inc. 119,573 Byrnes Oil Company, Inc. 114,835 Hattenhauer Distributing Company 106,784 Plains Midstream Canada Ulc 99,999 Ed Staub and Sons Petroleum, Inc. 97,820 Valero Marketing And Supply Co. 84,274 Apex Oil Company, Inc. 80,409 Amerigas Propane, Inc. 78,286 Campo & Poole Distributing, LLC 58,096 Jacksons Food Stores, Inc. 55,724 Carson Oil Company, Inc. 53,672 SeQuential-Pacific Biodiesel, LLC 53,290 A & B Enterprises, Inc. 49,931 Devin Oil Co., Inc. 49,931 Kiva Energy, Inc. 45,186 Wilson Oil dba Wilcox & Flegel 44,446 Powell-Christensen Inc 43,466 Heller & Sons Dist Inc 41,765 Musket Corporation 41,281	Shell Oil Products Us	3,441,869
Vitol Inc 1,626,575 Mccall Oil & Chemical Corp 216,928 PC Energy, LLC 185,898 Shell Trading (US) Company 159,938 Mieco Inc. 119,573 Byrnes Oil Company, Inc. 114,835 Hattenhauer Distributing Company 106,784 Plains Midstream Canada Ulc 99,999 Ed Staub and Sons Petroleum, Inc. 97,820 Valero Marketing And Supply Co. 84,274 Apex Oil Company, Inc. 80,409 Amerigas Propane, Inc. 78,286 Campo & Poole Distributing, LLC 58,096 Jacksons Food Stores, Inc. 55,724 Carson Oil Company, Inc. 53,672 SeQuential-Pacific Biodiesel, LLC 53,290 A & B Enterprises, Inc. 49,931 Devin Oil Co., Inc. 49,401 Kiva Energy, Inc. 45,186 Wilson Oil dba Wilcox & Flegel 44,446 Powell-Christensen Inc 43,466 Heller & Sons Dist Inc 41,765 Musket Corporation 41,281 Colvin Oil I, LLC 39,924	Chevron Usa Inc.	2,759,872
Mccall Oil & Chemical Corp 216,928 PC Energy, LLC 185,898 Shell Trading (US) Company 159,938 Mieco Inc. 119,573 Byrnes Oil Company, Inc. 114,835 Hattenhauer Distributing Company 106,784 Plains Midstream Canada Ulc 99,999 Ed Staub and Sons Petroleum, Inc. 97,820 Valero Marketing And Supply Co. 84,274 Apex Oil Company, Inc. 80,409 Amerigas Propane, Inc. 78,286 Campo & Poole Distributing, LLC 58,096 Jacksons Food Stores, Inc. 53,672 Carson Oil Company, Inc. 53,672 SeQuential-Pacific Biodiesel, LLC 53,290 A & B Enterprises, Inc. 49,931 Devin Oil Co., Inc. 49,401 Kiva Energy, Inc. 45,186 Wilson Oil dba Wilcox & Flegel 44,446 Powell-Christensen Inc 43,466 Heller & Sons Dist Inc 41,765 Musket Corporation 41,281 Colvin Oil I, LLC 39,924 Elbow River Marketing Ltd., A Corporation Of Canada	Space Age Fuel Inc.	1,643,562
PC Energy, LLC 185,898 Shell Trading (US) Company 159,938 Mieco Inc. 119,573 Byrnes Oil Company, Inc. 114,835 Hattenhauer Distributing Company 106,784 Plains Midstream Canada Ulc 99,999 Ed Staub and Sons Petroleum, Inc. 97,820 Valero Marketing And Supply Co. 84,274 Apex Oil Company, Inc. 80,409 Amerigas Propane, Inc. 78,286 Campo & Poole Distributing, LLC 58,096 Jacksons Food Stores, Inc. 55,724 Carson Oil Company, Inc. 53,672 SeQuential-Pacific Biodiesel, LLC 53,290 A & B Enterprises, Inc. 49,931 Devin Oil Co., Inc. 49,931 Kiva Energy, Inc. 45,186 Wilson Oil dba Wilcox & Flegel 44,446 Powell-Christensen Inc 43,466 Heller & Sons Dist Inc 41,765 Musket Corporation 41,281 Colvin Oil I, LLC 39,924 Elbow River Marketing Ltd., A Corporation Of Canada 36,300 Associated Petroleum Products	Vitol Inc	1,626,575
Shell Trading (US) Company Mieco Inc. 119,573 Byrnes Oil Company, Inc. Hattenhauer Distributing Company 106,784 Plains Midstream Canada Ulc 99,999 Ed Staub and Sons Petroleum, Inc. 97,820 Valero Marketing And Supply Co. Apex Oil Company, Inc. 80,409 Amerigas Propane, Inc. 78,286 Campo & Poole Distributing, LLC Jacksons Food Stores, Inc. 55,724 Carson Oil Company, Inc. 53,672 SeQuential-Pacific Biodiesel, LLC A & B Enterprises, Inc. Devin Oil Co., Inc. Kiva Energy, Inc. Wilson Oil dba Wilcox & Flegel Powell-Christensen Inc Heller & Sons Dist Inc Musket Corporation Colvin Oil I, LLC 19,996 Suburban Propane, L.P. Farmers Supply Cooperative Jubitz Corporation 25,222 CHS Inc. Of Minnesota AH,943 Marc Nelson Oil Products, Inc. 114,835 Hattenhauer Distributing Company 106,784 119,573 119,573 119,573 114,835	Mccall Oil & Chemical Corp	216,928
Mieco Inc. 119,573 Byrnes Oil Company, Inc. 114,835 Hattenhauer Distributing Company 106,784 Plains Midstream Canada Ulc 99,999 Ed Staub and Sons Petroleum, Inc. 97,820 Valero Marketing And Supply Co. 84,274 Apex Oil Company, Inc. 80,409 Amerigas Propane, Inc. 78,286 Campo & Poole Distributing, LLC 58,096 Jacksons Food Stores, Inc. 55,724 Carson Oil Company, Inc. 53,672 SeQuential-Pacific Biodiesel, LLC 53,290 A & B Enterprises, Inc. 49,931 Devin Oil Co., Inc. 49,401 Kiva Energy, Inc. 45,186 Wilson Oil dba Wilcox & Flegel 44,446 Powell-Christensen Inc 43,466 Heller & Sons Dist Inc 41,765 Musket Corporation 41,281 Colvin Oil I, LLC 39,924 Elbow River Marketing Ltd., A Corporation Of Canada 36,300 Associated Petroleum Products 29,596 Suburban Propane, L.P. 27,452 Farmers Supply Cooperative 27,067 Jubitz Corporation 25,222 CHS Inc. Of Minnesota 44,136 AH Schade, Inc. 18,943 Marc Nelson Oil Products, Inc. 18,150	PC Energy, LLC	185,898
Byrnes Oil Company, Inc. Hattenhauer Distributing Company Plains Midstream Canada Ulc 99,999 Ed Staub and Sons Petroleum, Inc. 97,820 Valero Marketing And Supply Co. 84,274 Apex Oil Company, Inc. 80,409 Amerigas Propane, Inc. 78,286 Campo & Poole Distributing, LLC Jacksons Food Stores, Inc. 55,724 Carson Oil Company, Inc. 53,672 SeQuential-Pacific Biodiesel, LLC A & B Enterprises, Inc. Devin Oil Co., Inc. Kiva Energy, Inc. Wilson Oil dba Wilcox & Flegel Powell-Christensen Inc Heller & Sons Dist Inc Musket Corporation 41,281 Colvin Oil I, LLC Elbow River Marketing Ltd., A Corporation Of Canada Associated Petroleum Products Suburban Propane, L.P. Farmers Supply Cooperative Jubitz Corporation 25,222 CHS Inc. Of Minnesota AH, 281 Marc Nelson Oil Products, Inc. 18,943 Marc Nelson Oil Products, Inc. 18,150	Shell Trading (US) Company	159,938
Hattenhauer Distributing Company Plains Midstream Canada Ulc 99,999 Ed Staub and Sons Petroleum, Inc. 97,820 Valero Marketing And Supply Co. 84,274 Apex Oil Company, Inc. 80,409 Amerigas Propane, Inc. Campo & Poole Distributing, LLC Jacksons Food Stores, Inc. 55,724 Carson Oil Company, Inc. 53,672 SeQuential-Pacific Biodiesel, LLC A & B Enterprises, Inc. Devin Oil Co., Inc. Kiva Energy, Inc. Wilson Oil dba Wilcox & Flegel Powell-Christensen Inc Heller & Sons Dist Inc Musket Corporation Associated Petroleum Products Suburban Propane, L.P. Farmers Supply Cooperative Jubitz Corporation 25,222 CHS Inc. Of Minnesota AH Schade, Inc. 23,368 Tyree Oil, Inc. 18,150	Mieco Inc.	119,573
Plains Midstream Canada Ulc 99,999 Ed Staub and Sons Petroleum, Inc. 97,820 Valero Marketing And Supply Co. 84,274 Apex Oil Company, Inc. 80,409 Amerigas Propane, Inc. 78,286 Campo & Poole Distributing, LLC 58,096 Jacksons Food Stores, Inc. 55,724 Carson Oil Company, Inc. 53,672 SeQuential-Pacific Biodiesel, LLC 53,290 A & B Enterprises, Inc. 49,931 Devin Oil Co., Inc. 49,401 Kiva Energy, Inc. 45,186 Wilson Oil dba Wilcox & Flegel 44,446 Powell-Christensen Inc 43,466 Heller & Sons Dist Inc 41,765 Musket Corporation 41,281 Colvin Oil I, LLC 39,924 Elbow River Marketing Ltd., A Corporation Of Canada 36,300 Associated Petroleum Products 29,596 Suburban Propane, L.P. 27,452 Farmers Supply Cooperative 27,067 Jubitz Corporation 25,222 CHS Inc. Of Minnesota 24,136 AH Schade, Inc. 18,	Byrnes Oil Company, Inc.	114,835
Ed Staub and Sons Petroleum, Inc. Valero Marketing And Supply Co. Apex Oil Company, Inc. Apex Oil Company, Inc. Amerigas Propane, Inc. Campo & Poole Distributing, LLC Jacksons Food Stores, Inc. SeQuential-Pacific Biodiesel, LLC A & B Enterprises, Inc. Devin Oil Co., Inc. Kiva Energy, Inc. Wilson Oil dba Wilcox & Flegel Powell-Christensen Inc Heller & Sons Dist Inc Musket Corporation Colvin Oil I, LLC Elbow River Marketing Ltd., A Corporation Of Canada Associated Petroleum Products Suburban Propane, L.P. Farmers Supply Cooperative Jubitz Corporation 25,222 CHS Inc. Of Minnesota AH Schade, Inc. 23,368 Tyree Oil, Inc. 18,943 Marc Nelson Oil Products, Inc. 18,150	Hattenhauer Distributing Company	106,784
Valero Marketing And Supply Co.84,274Apex Oil Company, Inc.80,409Amerigas Propane, Inc.78,286Campo & Poole Distributing, LLC58,096Jacksons Food Stores, Inc.55,724Carson Oil Company, Inc.53,672SeQuential-Pacific Biodiesel, LLC53,290A & B Enterprises, Inc.49,931Devin Oil Co., Inc.49,401Kiva Energy, Inc.45,186Wilson Oil dba Wilcox & Flegel44,446Powell-Christensen Inc43,466Heller & Sons Dist Inc41,765Musket Corporation41,281Colvin Oil I, LLC39,924Elbow River Marketing Ltd., A Corporation Of Canada36,300Associated Petroleum Products29,596Suburban Propane, L.P.27,452Farmers Supply Cooperative27,067Jubitz Corporation25,222CHS Inc. Of Minnesota24,136AH Schade, Inc.23,368Tyree Oil, Inc.18,943Marc Nelson Oil Products, Inc.18,150	Plains Midstream Canada Ulc	99,999
Apex Oil Company, Inc. Amerigas Propane, Inc. Campo & Poole Distributing, LLC Jacksons Food Stores, Inc. Carson Oil Company, Inc. SeQuential-Pacific Biodiesel, LLC A & B Enterprises, Inc. Devin Oil Co., Inc. Kiva Energy, Inc. Wilson Oil dba Wilcox & Flegel Powell-Christensen Inc Heller & Sons Dist Inc Musket Corporation Associated Petroleum Products Suburban Propane, L.P. Farmers Supply Cooperative Jubitz Corporation CHS Inc. America 80,409 78,286 78,286 53,096 54,991 54,9931 54,9931 55,222 CHS Inc. Of Minnesota AH Schade, Inc. 23,368 Tyree Oil, Inc. 18,943 Marc Nelson Oil Products, Inc.	Ed Staub and Sons Petroleum, Inc.	97,820
Amerigas Propane, Inc. Campo & Poole Distributing, LLC Jacksons Food Stores, Inc. Carson Oil Company, Inc. SeQuential-Pacific Biodiesel, LLC A & B Enterprises, Inc. Devin Oil Co., Inc. Kiva Energy, Inc. Wilson Oil dba Wilcox & Flegel Powell-Christensen Inc Heller & Sons Dist Inc Musket Corporation Colvin Oil I, LLC Elbow River Marketing Ltd., A Corporation Of Canada Associated Petroleum Products Suburban Propane, L.P. Farmers Supply Cooperative Jubitz Corporation CHS Inc. Of Minnesota AH Schade, Inc. 18,943 Marc Nelson Oil Products, Inc.	Valero Marketing And Supply Co.	84,274
Campo & Poole Distributing, LLC Jacksons Food Stores, Inc. Carson Oil Company, Inc. SeQuential-Pacific Biodiesel, LLC A & B Enterprises, Inc. Devin Oil Co., Inc. Kiva Energy, Inc. Wilson Oil dba Wilcox & Flegel Powell-Christensen Inc Heller & Sons Dist Inc Musket Corporation Colvin Oil I, LLC Elbow River Marketing Ltd., A Corporation Of Canada Associated Petroleum Products Suburban Propane, L.P. Farmers Supply Cooperative Jubitz Corporation CHS Inc. Of Minnesota AH Schade, Inc. 18,943 Marc Nelson Oil Products, Inc.	Apex Oil Company, Inc.	80,409
Jacksons Food Stores, Inc. Carson Oil Company, Inc. SeQuential-Pacific Biodiesel, LLC A & B Enterprises, Inc. Devin Oil Co., Inc. Kiva Energy, Inc. Wilson Oil dba Wilcox & Flegel Powell-Christensen Inc Heller & Sons Dist Inc Musket Corporation Colvin Oil I, LLC Elbow River Marketing Ltd., A Corporation Of Canada Associated Petroleum Products Suburban Propane, L.P. Farmers Supply Cooperative Jubitz Corporation 25,222 CHS Inc. Of Minnesota AH Schade, Inc. 18,943 Marc Nelson Oil Products, Inc.	Amerigas Propane, Inc.	78,286
Carson Oil Company, Inc. SeQuential-Pacific Biodiesel, LLC A & B Enterprises, Inc. Devin Oil Co., Inc. Kiva Energy, Inc. Wilson Oil dba Wilcox & Flegel Powell-Christensen Inc Heller & Sons Dist Inc Musket Corporation Colvin Oil I, LLC Elbow River Marketing Ltd., A Corporation Of Canada Associated Petroleum Products Suburban Propane, L.P. Farmers Supply Cooperative Jubitz Corporation CHS Inc. Of Minnesota AH Schade, Inc. Sa,672 53,672 53,672 53,672 53,290 49,931 49,931 49,941 44,446 49,931 44,446 44,446 44,446 44,446 44,446 44,446 44,446 44,446 44,446 41,765 Musket Corporation Colvin Oil I, LLC 39,924 Elbow River Marketing Ltd., A Corporation Of Canada 36,300 Associated Petroleum Products 29,596 Suburban Propane, L.P. 27,452 Farmers Supply Cooperative 27,067 Jubitz Corporation 25,222 CHS Inc. Of Minnesota 24,136 AH Schade, Inc. 18,943 Marc Nelson Oil Products, Inc. 18,943	Campo & Poole Distributing, LLC	58,096
SeQuential-Pacific Biodiesel, LLC A & B Enterprises, Inc. Devin Oil Co., Inc. Kiva Energy, Inc. Wilson Oil dba Wilcox & Flegel Powell-Christensen Inc Heller & Sons Dist Inc Musket Corporation Colvin Oil I, LLC Elbow River Marketing Ltd., A Corporation Of Canada Associated Petroleum Products Suburban Propane, L.P. Farmers Supply Cooperative Jubitz Corporation 25,222 CHS Inc. Of Minnesota AH Schade, Inc. 18,943 Marc Nelson Oil Products, Inc.	Jacksons Food Stores, Inc.	55,724
A & B Enterprises, Inc. Devin Oil Co., Inc. Kiva Energy, Inc. 45,186 Wilson Oil dba Wilcox & Flegel Powell-Christensen Inc Heller & Sons Dist Inc Musket Corporation Colvin Oil I, LLC Elbow River Marketing Ltd., A Corporation Of Canada Associated Petroleum Products Suburban Propane, L.P. Farmers Supply Cooperative Jubitz Corporation 24,136 AH Schade, Inc. 23,368 Tyree Oil, Inc. Marc Nelson Oil Products, Inc.	Carson Oil Company, Inc.	53,672
Devin Oil Co., Inc. Kiva Energy, Inc. 45,186 Wilson Oil dba Wilcox & Flegel Powell-Christensen Inc 43,466 Heller & Sons Dist Inc 41,765 Musket Corporation Colvin Oil I, LLC Elbow River Marketing Ltd., A Corporation Of Canada Associated Petroleum Products Suburban Propane, L.P. Farmers Supply Cooperative 27,067 Jubitz Corporation 25,222 CHS Inc. Of Minnesota AH Schade, Inc. 23,368 Tyree Oil, Inc. 18,943 Marc Nelson Oil Products, Inc.	SeQuential-Pacific Biodiesel, LLC	53,290
Kiva Energy, Inc. Wilson Oil dba Wilcox & Flegel Powell-Christensen Inc Heller & Sons Dist Inc Musket Corporation Colvin Oil I, LLC Elbow River Marketing Ltd., A Corporation Of Canada Associated Petroleum Products Suburban Propane, L.P. Farmers Supply Cooperative Jubitz Corporation CHS Inc. Of Minnesota AH Schade, Inc. Tyree Oil, Inc. Marc Nelson Oil Products, Inc. 45,186 44,446 44,446 44,446 44,446 44,446 41,765 41,765 Marc Nelson Oil Products, Inc. 43,466 44,1765 41,765	A & B Enterprises, Inc.	49,931
Wilson Oil dba Wilcox & Flegel 44,446 Powell-Christensen Inc 43,466 Heller & Sons Dist Inc 41,765 Musket Corporation 41,281 Colvin Oil I, LLC 39,924 Elbow River Marketing Ltd., A Corporation Of Canada 36,300 Associated Petroleum Products 29,596 Suburban Propane, L.P. 27,452 Farmers Supply Cooperative 27,067 Jubitz Corporation 25,222 CHS Inc. Of Minnesota 24,136 AH Schade, Inc. 23,368 Tyree Oil, Inc. 18,943 Marc Nelson Oil Products, Inc. 18,150	Devin Oil Co., Inc.	49,401
Powell-Christensen Inc Heller & Sons Dist Inc Musket Corporation Colvin Oil I, LLC Elbow River Marketing Ltd., A Corporation Of Canada Associated Petroleum Products Suburban Propane, L.P. Farmers Supply Cooperative Jubitz Corporation CHS Inc. Of Minnesota AH Schade, Inc. Tyree Oil, Inc. Marc Nelson Oil Products, Inc. 43,466 41,765 41,765 At 1,765 At 2,765 At 2,7924 At 2,7924 At 2,7926 At 3,7926 At 3,7927 At 3,7927	Kiva Energy, Inc.	45,186
Heller & Sons Dist Inc Musket Corporation Colvin Oil I, LLC Elbow River Marketing Ltd., A Corporation Of Canada Associated Petroleum Products Suburban Propane, L.P. Farmers Supply Cooperative Jubitz Corporation CHS Inc. Of Minnesota AH Schade, Inc. Tyree Oil, Inc. Marc Nelson Oil Products, Inc. 41,765 41,765 41,765 41,281 ACORPORATION OF Canada 36,300 29,596 29,596 27,452 27,452 27,452 27,067 25,222 CHS Inc. Of Minnesota 24,136 AH Schade, Inc. 18,943 Marc Nelson Oil Products, Inc.	Wilson Oil dba Wilcox & Flegel	44,446
Musket Corporation41,281Colvin Oil I, LLC39,924Elbow River Marketing Ltd., A Corporation Of Canada36,300Associated Petroleum Products29,596Suburban Propane, L.P.27,452Farmers Supply Cooperative27,067Jubitz Corporation25,222CHS Inc. Of Minnesota24,136AH Schade, Inc.23,368Tyree Oil, Inc.18,943Marc Nelson Oil Products, Inc.18,150	Powell-Christensen Inc	43,466
Colvin Oil I, LLC Elbow River Marketing Ltd., A Corporation Of Canada Associated Petroleum Products Suburban Propane, L.P. Farmers Supply Cooperative Jubitz Corporation CHS Inc. Of Minnesota AH Schade, Inc. Tyree Oil, Inc. Marc Nelson Oil Products, Inc. 39,924 39,924 39,924 29,596 27,452 27,452 27,452 27,067 27,067 25,222 CHS Inc. Of Minnesota 24,136 AH Schade, Inc. 18,943	Heller & Sons Dist Inc	41,765
Elbow River Marketing Ltd., A Corporation Of Canada 36,300 Associated Petroleum Products 29,596 Suburban Propane, L.P. 27,452 Farmers Supply Cooperative 27,067 Jubitz Corporation 25,222 CHS Inc. Of Minnesota 24,136 AH Schade, Inc. 23,368 Tyree Oil, Inc. 18,943 Marc Nelson Oil Products, Inc. 18,150	Musket Corporation	41,281
Associated Petroleum Products Suburban Propane, L.P. Farmers Supply Cooperative Jubitz Corporation CHS Inc. Of Minnesota AH Schade, Inc. Tyree Oil, Inc. Marc Nelson Oil Products, Inc. 29,596 27,067 27,067 25,222 24,136 24,136 AH Schade, Inc. 18,943	Colvin Oil I, LLC	39,924
Suburban Propane, L.P. 27,452 Farmers Supply Cooperative 27,067 Jubitz Corporation 25,222 CHS Inc. Of Minnesota 24,136 AH Schade, Inc. 23,368 Tyree Oil, Inc. 18,943 Marc Nelson Oil Products, Inc. 18,150	Elbow River Marketing Ltd., A Corporation Of Canada	36,300
Farmers Supply Cooperative 27,067 Jubitz Corporation 25,222 CHS Inc. Of Minnesota 24,136 AH Schade, Inc. 23,368 Tyree Oil, Inc. 18,943 Marc Nelson Oil Products, Inc. 18,150	Associated Petroleum Products	29,596
Jubitz Corporation 25,222 CHS Inc. Of Minnesota 24,136 AH Schade, Inc. 23,368 Tyree Oil, Inc. 18,943 Marc Nelson Oil Products, Inc. 18,150	Suburban Propane, L.P.	27,452
CHS Inc. Of Minnesota 24,136 AH Schade, Inc. 23,368 Tyree Oil, Inc. 18,943 Marc Nelson Oil Products, Inc. 18,150	Farmers Supply Cooperative	27,067
AH Schade, Inc. 23,368 Tyree Oil, Inc. 18,943 Marc Nelson Oil Products, Inc. 18,150	Jubitz Corporation	25,222
Tyree Oil, Inc. 18,943 Marc Nelson Oil Products, Inc. 18,150	CHS Inc. Of Minnesota	24,136
Marc Nelson Oil Products, Inc. 18,150	AH Schade, Inc.	23,368
	Tyree Oil, Inc.	18,943
Petrogas, Inc. 17,858	Marc Nelson Oil Products, Inc.	18,150
	Petrogas, Inc.	17,858

Fuel Supplier	Emissions (MTCO2e)
Maverik Inc.	17,204
Truax Corporation	16,888
Hicksgas, LLC	16,565
Conrad & Bischoff, Inc.	15,113
WSCO Petroleum	14,628
Morrow County Grain Growers, Inc.	14,277
Coleman Oil Company	14,095
ARS Fresno LLC	11,542
Connell Oil, Inc.	9,843
Pounder Oil Service, Inc.	9,514
Pratum Co-Op	8,819
UPS Fuel Services, Inc.	8,774
Quality Petroleum Products, Inc.	8,769
Hartland Fuel Products, LLC	7,726
PacWest Energy LLC	7,529
Mid Columbia Producers Inc	7,112
Franklin United Inc	6,423
Total	24,521,398

Permitted Facilities

SB 1530 would directly regulate emissions from facilities with air quality permits annually emitting over 25,000 tons of anthropogenic emissions from industrial processes. Natural gas would also be directly regulated at the few facilities receiving gas from direct connections to interstate pipelines. This table does not include emissions from fuels that are covered by the fuel suppliers listed in the previous section (e.g. onsite use of distillate fuel in a boiler) or CO2 emissions from biogenic fuels such as wood waste or biogas. Thus, emissions listed below are different from emissions listed on DEQ's GHG emissions webpage. This table also provides the types of facilities based on their primary North American Industrial Classification System (NAICS) codes. Most of these directly regulated permitted facilities would be considered "Emissions Intensive Trade Exposed" (EITE) entities under LC19. LC19 would mitigate the effects of direct regulation on these industries that are also highly exposed to competition in other jurisdictions to minimize the potential for blunting their competitiveness.

Facility	County	NAICS description	Total directly regulated emissions
Ash Grove Cement Company*	Baker	Cement Manufacturing	715,806
Cascade Steel Rolling Mills, Inc.*	Yamhill	Iron and Steel Mills	29,477
Covanta Marion, Inc.	Marion	Solid Waste Combustors and Incinerators	74,424
Dyno Nobel Incorporated*	Columbia	Inorganic Chemical Manufacturing	113,912
EVRAZ Inc. NA*	Multnomah	Iron and Steel Mills	95,586
Gas Transmission Northwest LLC	Morrow	Pipeline Transportation of Natural Gas	63,571
Intel Corporation*	Washington	Semiconductor and Related Device Manufacturing	259,203
Jireh Semiconductor, Inc.*	Washington	Semiconductor and Related Device Manufacturing	95,521
Maxim Integrated Products, Inc.*	Washington	Semiconductor and Related Device Manufacturing	43,476
Microchip Technology, Inc.*	Multnomah	Electronics Manufacturing	91,985
Qorvo US*	Washington	Semiconductor and Related Device Manufacturing	55,218
SemiConductor Components Industries, LLC*	Multnomah	Electronics Manufacturing	92,877
Total			1,731,056

^{*} Indicates a business that SB 1530 would establish as an "Emissions Intensive Trade Exposed" entity