

**LCFS BIOFUEL PRODUCER REGISTRATION
(Complete)**

FACILITY NAME	FACILITY ADDRESS	COMPANY ID	FACILITY ID	FUEL PATHWAY CODE	CARBON INTENSITY (CI) VALUE (gCO ₂ e/MJ)	FUEL PATHWAY DESCRIPTION	PHYSICAL PATHWAY CODE	PHYSICAL PATHWAY DESCRIPTION
ABE Fairmont, LLC	1214 Road G Fairmont, Nebraska 68354-3054	4094	70103	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
ABE South Dakota, LLC	38469 133rd Street Aberdeen, South Dakota 57401	4094	70104	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
Abengoa Bioenergy Corporation – Colwich	523 East Union Avenue Colwich, Kansas 67030	4776	70059	ETHG002	85.81	Sorghum Ethanol: Midwest; Dry Mill, Wet DGS, 100% NG	PHY02	By rail from U.S. to CA
Abengoa Bioenergy Corporation - Portales	1827 Industrial Dr. Portales, NM 88130	4776	70100	ETHG002	85.81	Sorghum Ethanol: Midwest; Dry Mill, Wet DGS, 100% NG	PHY02	By rail from U.S. to CA
Abengoa Bioenergy Corporation - York	1414 Road O York, Nebraska 68467	4776	70099	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
Abengoa Bioenergy of Nebraska	35955 Navaho Road Ravenna, Nebraska 68869	4097	70098	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		

AE Advanced Fuels Keyes, Inc.	4209 Jessup Rd. Keyes, CA 95328	3566	70234	ETHC003	80.70	Corn Ethanol - California; Dry Mill; Wet DGS; NG	PHY01	Fuel produced in CA
Agri-Energy LLC	502 S. Walnut Avenue Luverne, Minnesota 56156	4824	70086	ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG	PHY02	By rail from U.S. to CA
Archer Daniels Midland Company - CLM Dry	3000 E. 8th Street Columbus, Nebraska 68601	4888	70355	ETHC014	91.00	2B Application*: Midwest; Dry Mill; No grid electricity use; Coal use not to exceed 63% of fuel use (by energy); Coal carbon content not to exceed 48%; Plant energy use not to exceed a value the applicant classifies as confidential	PHY02	By rail from U.S. to CA
				ETHC015	89.09	2B Application*: Midwest; Dry Mill; No grid electricity use; Biomass must be at least 5% of the fuel use (by energy); Coal use not to exceed 58% of fuel use (by energy); Coal carbon content not to exceed 48%; Plant energy use not to exceed a value the applicant classifies as confidential		

Archer Daniels Midland Company - CLM Dry	3000 E. 8th Street Columbus, Nebraska 68601	4888	70355	ETHC016	87.17	2B Application*: Midwest; Dry Mill; Plant energy use not to exceed a value the applicant classifies as confidential; No grid electricity use; Biomass must be at least 10% of the fuel use (by energy); Coal use not to exceed 52% of fuel use (by energy); Coal carbon content not to exceed 48%	PHY02	By rail from U.S. to CA
				ETHC017	85.25	2B Application*: Midwest; Dry Mill; Plant energy use not to exceed a value the applicant classifies as confidential; No grid electricity use; Biomass must be at least 15% of the fuel use (by energy); Coal use not to exceed 46% of fuel use (by energy); Coal carbon content not to exceed 48%		

Archer Daniels Midland Company - CLM Dry	3000 E. 8th Street Columbus, Nebraska 68601	4888	70355	ETHC018	90.11	2B Application*: Midwest; Dry Mill; Plant energy use not to exceed a value the applicant classifies as confidential; No grid electricity use; Coal use not to exceed 68% of fuel use (by energy); Coal carbon content not to exceed 48%	PHY02	By rail from U.S. to CA
				ETHC019	88.16	2B Application*: Midwest; Dry Mill; No grid electricity use; Biomass must be at least 5% of the fuel use (by energy); Coal use not to exceed 62% of fuel use (by energy); Coal carbon content not to exceed 48%; Plant energy use not to exceed a value the applicant classifies as confidential		

Archer Daniels Midland Company - CLM Dry	3000 E. 8th Street Columbus, Nebraska 68601	4888	70355	ETHC020	86.22	2B Application*: Midwest; Dry Mill; No grid electricity use; Biomass must be at least 10% of the fuel use (by energy); Coal use not to exceed 56% of fuel use (by energy); Coal carbon content not to exceed 48%; Plant energy use not to exceed a value the applicant classifies as confidential	PHY02	By rail from U.S. to CA
				ETHC021	84.27	2B Application*: Midwest; Dry Mill; No grid electricity use; Biomass must be at least 15% of the fuel use (by energy); Coal use not to exceed 50% of fuel use (by energy); Coal carbon content not to exceed 48%; Plant energy use not to exceed a value the applicant classifies as confidential		
Arkalon Ethanol	8664 Road P PO Box 1007 Liberal, Kansas 67901	5715	70247	ETHC037	80.17	2B Application*: Midwest dry mill, wet DGS corn ethanol, NG, cogeneration	PHY02	By rail from U.S. to CA
				ETHG004	76.22	2B Application*: Midwest dry mill, wet DGS sorghum ethanol, NG, cogeneration		

Aventine Nebraska Energy	1205 S. O Road, Aurora, Nebraska 68818	4729	70019	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
Beaver Biodiesel, LLC	5684 NW Metge Avenue Albany, Oregon 97321-9355	3121	80020	BIOD004	18.44	Biodiesel - Conversion of waste oils (Used Cooking Oil) to biodiesel (fatty acid methyl esters -FAME) where "cooking" is required. Fuel produced in the Midwest	PHY08	By truck from U.S. to CA
Bently Biofuels Company	1350 Buckeye Road Minden, Nevada 89423	5183	82972	BIOD005	13.53	Biodiesel - Conversion of waste oils (Used Cooking Oil) to biodiesel (fatty acid methyl esters -FAME) where "cooking" is not required. Fuel produced in the Midwest	PHY08	By truck from U.S. to CA
Biofuel Energy-Pioneer Trail Energy	7874 South 140th Road Wood River, Nebraska 68883	5718	70249	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
Blue Sky Biofuels	851 49th Avenue, Oakland, California 94601	4881	82800	BIOD003	11.76	Biodiesel - Conversion of waste oils (Used Cooking Oil) to biodiesel (fatty acid methyl esters - FAME) where "cooking" is not required	PHY01	Fuel produced in CA

Bonanza BioEnergy, LLC	2810 E US HWY 50, Garden City, KS 67846	4054	70117	ETHC036	76.75	2B Application*: Midwest dry mill, wet DGS corn ethanol, NG, cogeneration	PHY02	By rail from U.S. to CA
				ETHG003	73.39	2B Application*: Midwest dry mill, wet DGS sorghum ethanol, NG, cogeneration		
Bridgeport Ethanol	10106 S. Railroad Avenue Bridgeport, NE 69336	5934	70217	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
Calgren Renewable Fuels, LLC	11704 Road 120 P.O. Box "E" Pixley, CA 93256	7354	70317	ETHC003	80.70	Corn Ethanol - California; Dry Mill; Wet DGS; NG	PHY01	Fuel produced in CA
Cargill Biodiesel	602 Industrial Rd, Iowa Falls, Iowa 50126	3683	82869	BIOD001	83.25	Biodiesel - Conversion of Midwest soybeans to biodiesel (fatty acid methyl esters - FAME)	PHY02	By rail from U.S. to CA
Cargill Biodiesel (Paseo Cargill Energy, LLC)	2334 Rochester Avenue Kansas City, MO 64120	5763	83185	BIOD001	83.25	Biodiesel - Conversion of Midwest soybeans to biodiesel (fatty acid methyl esters - FAME)	PHY02	By rail from U.S. to CA
Chippewa Valley Ethanol Company (CVEC)	270 20th St. NW Benson, Minnesota 56215	4804	70078	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		

Community Fuels Port of Stockton (American Biodiesel Inc.)	809 C Snedeker Avenue Stockton, CA 95203	4935	82728	BIOD002	15.84	Biodiesel - Conversion of waste oils (Used Cooking Oil) to biodiesel (fatty acid methyl esters - FAME) where "cooking" is required	PHY01	Fuel produced in CA
				BIOD003	11.76	Biodiesel - Conversion of waste oils (Used Cooking Oil) to biodiesel (fatty acid methyl esters - FAME) where "cooking" is not required		
				BIOD001	83.25	Biodiesel-Conversion of Midwest soybeans to biodiesel (fatty acid methyl esters -FAME)		
				BIOD006	62.99 ¹	Biodiesel - Pathways for conversion of North American Canola to biodiesel (fatty acid methyl esters -FAME)		
Corn, LP	1303 Hwy 3 East, Goldfield, Iowa 50542	5065	70145	ETHC007	120.99	Corn Ethanol - Midwest; Wet Mill, 100% coal	PHY02	By rail from U.S. to CA

¹ This CI value includes the U.S. EPA Renewal Fuel Standards 2 (RFS2) international land use change mean value of 31 gCO₂e/MJ, and the overall CI value may be changed after ARB completes the canola-to-biodiesel land use change analysis, at which point the affected fuel providers may make the change, or optionally, continue using the U.S. EPA value for a period of up to six months following the date of the completion of ARB canola-to-biodiesel land use change analysis.

Cornhusker Energy Lexington, LLC	1111 East Industry Drive PO Box 814, Lexington, Nebraska 68850	7365	70241	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
Crimson Renewable Energy LP	17731 Millux Road, Bakersfield, CA 93311	4814	80174	BIOD002	15.84	Biodiesel-Conversion of waste oil (Used Cooking Oil) to biodiesel (FAME) where "cooking" is required	PHY01	Fuel produced in CA
				BIOD003	11.76	Biodiesel-Conversion of waste oil (Used Cooking Oil) to biodiesel (FAME) where "cooking" is not required		
				BIOD007	5.90	Biodiesel -Conversion of corn oil, extracted from distillers grains at dry mill, dry distillers grain ethanol plant, to biodiesel (FAME)		
				BIOD001	83.25	Biodiesel-Conversion of Midwest soybeans to biodiesel (fatty acid methyl esters - FAME)		
Dakota Ethanol	46269 SD Highway 34 Wentworth, South Dakota 57075	4810	70083	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		

DENCO II, LLC	227 South County Road 22 Morris, MN 56267	3818	70082	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
E Energy Adams, LLC	13238 E Aspen Rd Adams, NE 68301	4831	70093	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
Elkhorn Valley Ethanol LLC (Louis Dreyfus Commodities)	3002 N Victory Rd Norfolk, Nebraska 68701	4833	70095	ETHC022	87.16	2A Application*: Midwest; Dry Mill; 15% Dry DGS, 85% Partially Dry DGS; NG (Plant energy use not to exceed a value the applicant classifies as confidential)	PHY02	By rail from U.S. to CA
				ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG		
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
Flint Hills Resources LP- Iowa Falls ¹	21050 - 140th St. Iowa Falls, Iowa 50441	4071	70628	ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG	PHY02	By rail from U.S. to CA

¹ Flint Hills Resources, LP (FHR) acquired this facility from Hawkeye Renewables on February 17, 2011.

Front Range Energy	31375 Great Western Drive, Windsor, Colorado 80550	4758	70058	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
Glacial Lakes- Aberdeen Energy (Mina)	13435 370th Avenue, Mina, South Dakota 57451	4764	70299	ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG	PHY02	By rail from U.S. to CA
				ETHC061	87.66	2A Application*: Midwest; Dry Mill; 100% MDGS; NG		
				ETHC060	92.15	2A Application*: Midwest; Dry Mill; 100% DDGS; NG		
Glacial Lakes- Watertown	301 20th Avenue SE Watertown, South Dakota 57201	4764	70064	ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG	PHY02	By rail from U.S. to CA
				ETHC058	91.18	2A Application*: Midwest; Dry Mill; 100% DDGS; NG		
				ETHC059	86.69	2A Application*: Midwest; Dry Mill; 100% MDGS; NG		
Golden Grain Energy	1822 43rd St., SW Mason City, Iowa 50401	4829	70691	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
				ETHC057	91.33	2A Application*: Midwest; Dry Mill; Dry DGS, NG		

Green Plains Central City LLC	214 20th Street Central City, Nebraska 68826	3368	70141	ETHC023	84.29	2A Application*: Midwest; Dry Mill; Partially Dry DGS; NG; Plant energy use not to exceed a value the applicant classifies as confidential	PHY02	By rail from U.S. to CA
Green Plains Holdings II LLC - Lakota	1660 428th Street Lakota, Iowa 50451	4755	70051	ETHC024	91.60	2A Application*: Midwest; Dry Mill; 75% Dry DGS, 25% Wet DGS; NG; Plant energy use not to exceed a value the applicant classifies as confidential	PHY02	By rail from U.S. to CA
Green Plains Ord LLC	48267 Val-E Road Ord, Nebraska 68862	3360	70138	ETHC040	88.29	2A Application*: Midwest; Dry Mill; 63% Dry DGS, 37% Modified DGS; NG; Plant energy use not to exceed a value the applicant classifies as confidential	PHY02	By rail from U.S. to CA
Green Plains Otter Tail LLC ¹	24096 170th Avenue Fergus Falls, Minnesota 56537	4062	70110	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		

¹ Green Plains acquired this facility on March 24, 2011.

Green Plains Shenandoah LLC	4124 Airport Boulevard Shenandoah, Iowa 51601	5073	70149	ETHC041	88.14	2A Application*: Midwest; Dry Mill; 76% Dry DGS, 24% Modified DGS; NG; Plant energy use not to exceed a value the applicant classified as confidential	PHY02	By rail from U.S. to CA
Green Plains Superior LLC	1495 320th Avenue Superior, Iowa 51363	5851	70304	ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG	PHY02	By rail from U.S. to CA
Hankinson Renewable Energy LLC	9230 County Rd 1 Hankinson, North Dakota 58041	5051	70288	ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG	PHY02	By rail from U.S. to CA
Hawkeye Renewables Iowa Falls ¹	21050 - 140th St. Iowa Falls, Iowa 50441	5131	70628	ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG	PHY02	By rail from U.S. to CA
Heartland Corn	53331 State Highway 19 P.O. Box A Winthrop, MN 55396	4827	70089	ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG	PHY02	By rail from U.S. to CA
Hereford Renewable Energy LLC	4300 County Road 8 Hereford, TX 79045	5051	70534	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
Heron Lake BioEnergy	91246 390th Avenue Heron Lake, MN 56137-3175	4015	70097	ETHC007	120.99	Corn Ethanol - Midwest; Wet Mill, 100% coal	PHY02	By rail from U.S. to CA
Husker AG LLC	54048 Hwy 20 Plainview, Nebraska 68769	5078	70151	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA

¹ Flint Hills Resources, LP (FHR) acquired thi- 13 -s facility from Hawkeye Renewables on February 17, 2011.

Imperial Western Products	86600 Avenue 54 Coachella, California 92236	9871	81066	BIOD002	15.84	Biodiesel - Conversion of waste oils (Used Cooking Oil) to biodiesel (fatty acid methyl esters - FAME) where "cooking" is required	PHY01	Fuel produced in CA
				BIOD003	11.76	Biodiesel - Conversion of waste oils (Used Cooking Oil) to biodiesel (fatty acid methyl esters - FAME) where "cooking" is not required		
				BIOD001	83.25	Biodiesel-Conversion of Midwest soybeans to biodiesel (fatty acid methyl esters - FAME)		
				BIOD007	5.90	Biodiesel -Conversion of corn oil, extracted from distillers grains at dry mill, dry distillers grain ethanol plant, to biodiesel (FAME)		
Kaapa Ethanol	8450 Kaapa Lane, Minden, Nebraska 68959	4805	70079	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC038	80.31	2A Application*: Midwestern Dry Mill Corn Ethanol, WDGS, NG		

Kansas Ethanol, LLC	1630 Avenue Q Lyons, Kansas 67554	5810	70279	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
				ETHG002	85.81	Sorghum Ethanol: Midwest; Dry Mill, Wet DGS, 100% NG		
				ETHG001	96.24	Sorghum Ethanol: Midwest; Dry Mill, Dry DGS, 100% NG		
Kern Oil & Refining Co.	7724 East Panama Lane Bakersfield, CA 93307	5038	80105	RNWD003	19.65	Renewable Diesel - Conversion of tallow to renewable diesel using lower energy use for rendering	PHY01	Fuel produced in CA
Louis Dreyfus Commodities Grand Junction LLC	1149 U Avenue Grand Junction, Iowa 50107	3137	70139	ETHC042	91.24	2A Application*:Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
Mid America Agri Products/Wheatland LLC	76080 Road 338 Madrid, NE 69150	5095	70153	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
Mid Missouri Energy	15311 N. Saline 65 Hwy Malta Bend, Missouri 65339	4807	70081	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
Midwest Renewable Energy	27532 West Hwy 30 Sutherland, NE 69165	5214	70160	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA

Minnesota Soybean Processors	121 Zeh Avenue Box 100 Brewster, MN 56119	4527	82170	BIOD001	83.25	Biodiesel - Conversion of Midwest soybeans to biodiesel (fatty acid methyl esters - FAME)	PHY02	By rail from U.S. to CA
Nebraska Corn Processing, LLC	107 Potter Street Cambridge, Nebraska 69022	3516	70230	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
Nedak Ethanol LLC	87590 Hillcrest Road, Atkinson, Nebraska 68713	7355	70318	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
New Leaf Biofuel, LLC	2285 Newton Ave. San Diego, CA 92113	7768	83541	BIOD003	11.76	Biodiesel - Conversion of waste oils (Used Cooking Oil) to biodiesel (fatty acid methyl esters - FAME) where "cooking" is not required	PHY01	Fuel produced in CA
NuGen Energy, LLC	27283 447th Ave P.O. Box 238 Marion, SD 57043	3332	70195	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
Otter Tail Ag Enterprises, LLC ¹	24096 170th Avenue Fergus Falls, Minnesota 56537	4062	70110	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
Pacific Ethanol Madera	31470 Avenue 12, Madera, CA 93638	3697	70061	ETHC003	80.70	Corn Ethanol - California; Dry Mill; Wet DGS; NG	PHY01	Fuel produced in CA

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Pacific Ethanol Magic Valley, LLC	2600 Washington Ave Burley, ID 83318	3697	70291	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
Pacific Ethanol Stockton	3028 Navy Drive, Stockton, CA 95206	3697	70319	ETHC003	80.70	Corn Ethanol - California; Dry Mill; Wet DGS; NG	PHY01	Fuel produced in CA
Plainview BioEnergy, LLC (White Energy)	2698 East Highway 70, Plainview, TX 79072	4745	70039	ETHGC013	88.74	2A Application*:Midwest dry mill; 1% Sorghum, 99% Corn, Wet DGS	PHY02	By rail from U.S. to CA
				ETHGC014	91.04	2A Application*:Midwest dry mill; 1% Sorghum, 99% Corn, Partially Dry DGS		
				ETHGC015	97.04	2A Application*:Midwest dry mill; 1% Sorghum, 99% Corn, Dry DGS		
				ETHGC016	89.62	2A Application*:Midwest dry mill; 10% Sorghum, 90% Corn, Wet DGS		
				ETHGC017	91.92	2A Application*:Midwest dry mill; 10% Sorghum, 90% Corn, Partially Dry DGS		
				ETHGC018	97.92	2A Application*:Midwest dry mill; 10% Sorghum, 90% Corn, Dry DGS		
				ETHGC019	90.60	2A Application*:Midwest dry mill; 20% Sorghum, 80% Corn, Wet DGS		

Plainview BioEnergy, LLC (White Energy)	2698 East Highway 70 Plainview, TX 79072	4745	70039	ETHGC020	92.90	2A Application*:Midwest dry mill; 20% Sorghum, 80% Corn, Partially Dry DGS	PHY02	By rail from U.S. to CA
				ETHGC021	98.90	2A Application*:Midwest dry mill; 20% Sorghum, 80% Corn, Dry DGS		
				ETHGC022	91.59	2A Application*:Midwest dry mill; 30% Sorghum, 70% Corn, Wet DGS		
				ETHGC023	93.89	2A Application*:Midwest dry mill; 30% Sorghum, 70% Corn, Partially Dry DGS		
				ETHGC024	99.89	2A Application*:Midwest dry mill; 30% Sorghum, 70% Corn, Dry DGS		
				ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG		
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
Plymouth Energy	22234 K42 Merrill, Iowa 51038	5474	70183	ETHC004	98.4	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG	PHY02	By rail from U.S. to CA

POET-Ashton	4970 260th Street Ashton, Iowa 51232	4782	70032	ETHC032	79.80	2A Application* : Dry Mill; Wet DGS; Raw starch hydrolysis/ combined heat and power; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential	PHY02	By rail from U.S. to CA
				ETHC027	88.50	2A Application*: Dry Mill; Dry DGS; Raw starch hydrolysis/ combined heat and power; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential		
POET Biorefining- Big Stone City	48416 144th Street Big Stone City, South Dakota 57216	4736	70025	ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG	PHY02	By rail from U.S. to CA
POET Biorefining- Bingham Lake	40212 -510th Avenue Bingham Lake, Minnesota 56118	4780	70026	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		

POET Biorefining- Chancellor	27716 462nd Avenue, Chancellor, South Dakota 57015	4727	70012	ETHC011	86.80	Corn Ethanol - Midwest; Dry Mill; Wet DGS; 80% NG; 20% Biomass	PHY02	By rail from U.S. to CA
				ETHC027	88.50	2A Application*: Dry Mill; Dry DGS; Raw starch hydrolysis/biomass & landfill gas fuels; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential		
POET Biorefining- Coon Rapids	1015 Grant Avenue Coon Rapids, Iowa 50058	4783	70031	ETHC033	80.70	2A Application*: Dry Mill; Wet DGS; Raw starch hydrolysis/corn fractionation; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential	PHY02	By rail from U.S. to CA

POET Biorefining- Coon Rapids	1015 Grant Avenue Coon Rapids, Iowa 50058	4783	70031	ETHC028	91.70	2A Application*: Dry Mill; Dry DGS; Raw starch hydrolysis/corn fractionation; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential	PHY02	By rail from U.S. to CA
				ETHC031	83.70	2A Application*: Dry Mill; Wet DGS; Raw starch hydrolysis; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential		
				ETHC025	92.40	2A Application*: Dry Mill; Dry DGS; Raw starch hydrolysis; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential		

POET Biorefining-Corning	1680 Brooks Road Corning, Iowa 50841	5046	70143	ETHC031	83.70	2A Application*: Dry Mill; Wet DGS; Raw starch hydrolysis; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential	PHY02	By rail from U.S. to CA
				ETHC025	92.40	2A Application*: Dry Mill; Dry DGS; Raw starch hydrolysis; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential		
POET Biorefining-Emmetsburg	4724 380th Street Emmetsburg, Iowa 50536	4792	70021	ETHC031	83.70	2A Application*: Dry Mill; Wet DGS; Raw starch hydrolysis; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential	PHY02	By rail from U.S. to CA
				ETHC025	92.40	2A Application*: Dry Mill; Dry DGS; Raw starch hydrolysis; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential		

POET Biorefining-Gowrie	1562 320th Street Gowrie, Iowa 50543	4784	70033	ETHC031	83.70	2A Application*: Dry Mill; Wet DGS; Raw starch hydrolysis; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential	PHY02	By rail from U.S. to CA
				ETHC025	92.40	2A Application*: Dry Mill; Dry DGS; Raw starch hydrolysis; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential		
POET Biorefining-Groton	40425 133rd Street Groton, South Dakota 57445	4793	70013	ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG	PHY02	By rail from U.S. to CA
				ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG		
POET Biorefining-Hanlontown	3638 Fir Avenue Hanlontown, Iowa 50444	4785	70010	ETHC031	83.70	2A Application*: Dry Mill; Wet DGS; Raw starch hydrolysis; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential	PHY02	By rail from U.S. to CA

POET Biorefining- Hanlontown	3638 Fir Avenue Hanlontown, Iowa 50444	4785	70010	ETHC025	92.40	2A Application*: Dry Mill; Dry DGS; Raw starch hydrolysis; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential	PHY02	By rail from U.S. to CA
POET Biorefining- Hudson	29619 Spur Avenue PO Box 439 Hudson, South Dakota 57034	4791	70022	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
				ETHC025	92.40	2A Application*: Dry Mill; Dry DGS; Raw starch hydrolysis; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential		
POET Biorefining - Jewell	2601 -320th Street Jewell, Iowa 50130	4786	70014	ETHC031	83.70	2A Application*: Dry Mill; Wet DGS; Raw starch hydrolysis; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential	PHY02	By rail from U.S. to CA

POET Biorefining - Jewell	2601 - 320th Street Jewell, Iowa 50130	4786	70014	ETHC025	92.40	2A Application*: Dry Mill; Dry DGS; Raw starch hydrolysis; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential	PHY02	By rail from U.S. to CA
POET Biorefining- Lake Crystal	19200 - 499th Avenue Lake Crystal, Minnesota 56055	4794	70072	ETHC031	83.70	2A Application*: Dry Mill; Wet DGS; Raw starch hydrolysis; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential	PHY02	By rail from U.S. to CA
				ETHC025	92.40	2A Application*: Dry Mill; Dry DGS; Raw starch hydrolysis; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential		
POET Biorefining- Mitchell	40509 - 247th Street Mitchell, South Dakota 57301	4789	70016	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		

POET Biorefining-Mitchell	40509 - 247th Street, Mitchell, South Dakota 57301	4789	70016	ETHC031	83.70	2A Application*: Dry Mill; Wet DGS; Raw starch hydrolysis; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential	PHY02	By rail from U.S. to CA
				ETHC025	92.40	2A Application*: Dry Mill; Dry DGS; Raw starch hydrolysis; Amount and type of fuel use, and amount of grid electricity use not to exceed a value the applicant classifies as confidential		
POET Research Center	851 Washington Street Scotland, South Dakota 57059	4726	70011	ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG	PHY02	By rail from U.S. to CA
Prairie Horizon Agri-Energy	1664 E 100 Road, Phillipsburg, Kansas 67661	4760	70659	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
				ETHG002	85.81	Sorghum Ethanol: Midwest; Dry Mill, Wet DGS, 100% NG		
				ETHG001	96.24	Sorghum Ethanol: Midwest; Dry Mill, Dry DGS, 100% NG		

Promethean Biofuels Production, Research, and Development Laboratory	27635 Diaz Road, Temecula, CA 92590	7514	80372	BIOD002	15.84	Biodiesel - Conversion of waste oils (Used Cooking Oil) to biodiesel (fatty acid methyl esters - FAME) where "cooking" is required	PHY01	Fuel produced in California
Quad County Corn Processors	6059 159th Street Galva, Iowa 51020	4770	70065	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
Redfield Energy, LLC	38650 171st Street Redfield, South Dakota 57469	4061	70111	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
REG Ralston	406-1st Street, Ralston, Iowa 51459	4985	82614	BIOD001	83.25	Biodiesel - Conversion of Midwest soybeans to biodiesel (fatty acid methyl esters - FAME)	PHY02	By rail from U.S. to CA
Sequential-Pacific Biodiesel	4735 Turner Road SE Salem, Oregon 97317	7755	83525	BIOD005	13.53	Biodiesel - Conversion of waste oils (Used Cooking Oil) to biodiesel (fatty acid methyl esters -FAME) where "cooking" is not required. Fuel produced in the Midwest	PHY08	By truck from U.S. to CA
Siouxland Energy and Livestock Cooperative	3890 Garfield Ave, Sioux City, IA, 51250	4060	70112	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA

Siouxland Ethanol, LLC	1501 Knox Blvd. Jackson, Nebraska 68743	5026	70134	ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG	PHY02	By rail from U.S. to CA
				ETHC043	88.14	2A Application*: Midwest, Dry Mill, Dry DGS, Natural Gas		
				ETHC044	85.91	2A Application*: Midwest, Dry-Mill, Dry DGS, Natural Gas, 6% Landfill Gas		
				ETHC045	85.16	2A Application*: Midwest, Dry-Mill, dry DGS, Natural Gas, 8% Landfill Gas		
				ETHC046	84.41	2A Application*: Midwest, Dry-Mill, Dry DGS, Natural Gas, 10% Landfill Gas		
				ETHC047	83.74	2A Application*: Midwest, Dry-Mill, dry DGS, Natural Gas, 12% Landfill Gas		
				ETHC048	83.06	2A Application*: Midwest, Dry-Mill, Dry DGS, Natural Gas, 14% Landfill Gas		
				ETHC049	82.38	2A Application*: Midwest, Dry-Mill, Dry DGS, Natural Gas, 16% Landfill Gas		
				ETHC050	83.64	2A Application*: Midwest, Dry-Mill, Modified DGS, Natural Gas		

Siouxland Ethanol, LLC	1501 Knox Blvd. Jackson, Nebraska 68743	5026	70134	ETHC051	81.41	2A Application*: Midwest, Dry-Mill, Modified DGS, Natural Gas, 8% Landfill Gas	PHY02	By rail from U.S. to CA
				ETHC052	80.66	2A Application*: Midwest, Dry-Mill, Modified DGS, Natural Gas, 10% Landfill Gas		
				ETHC053	79.91	2A Application*: Midwest, Dry-Mill, Modified DGS, Natural Gas, 13% Landfill Gas		
				ETHC054	79.23	2A Application*: Midwest, Dry-Mill, Modified DGS, Natural Gas, 15% Landfill Gas		
				ETHC055	78.56	2A Application*: Midwest, Dry-Mill, Modified DGS, Natural Gas, 18% Landfill Gas		
				ETHC056	77.88	2A Application*: Midwest, Dry-Mill, Modified DGS, Natural Gas, 20% Landfill Gas		
Sterling Ethanol	450 Angus Ave, Sterling, Colorado 80751	4766	70660	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
Tharaldson Ethanol Plant I LLC	3549 153rd Ave, SE, Casselton, North Dakota 58012	3084	70036	ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG	PHY02	By rail from U.S. to CA

Trenton Agri Products	36638 US Highway 34 Trenton, Nebraska 69044	4754	70053	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
				ETHG002	85.81	Sorghum Ethanol: Midwest; Dry Mill, Wet DGS, 100% NG		
				ETHG001	96.24	Sorghum Ethanol: Midwest; Dry Mill, Dry DGS, 100% NG		
US Energy Partners, LLC (White Energy, Russell)	1030 East 15th Street, Russell, Kansas 67665	4745	70038	ETHGW001	69.36	2A Application*:Midwest dry mill; 15% wheat slurry, sorghum, corn; NG; wet DGS	PHY02	By rail from U.S. to CA
				ETHGW002	77.66	2A Application*:Midwest dry mill; 15% wheat slurry, sorghum, corn; NG; dry DGS		
				ETHGW003	71.66	2A Application*:Midwest dry mill; 15% wheat slurry, sorghum, corn; NG; modified DGS		
				ETHGW004	66.16	2A Application*:Midwest dry mill; 20% wheat slurry, sorghum, corn; NG; wet DGS		
				ETHGW005	74.46	2A Application*:Midwest dry mill; 20% wheat slurry, sorghum, corn; NG; dry DGS		

US Energy Partners, LLC (White Energy, Russell)	1030 East 15th Street Russell, Kansas 67665	4745	70038	ETHGW006	68.46	2A Application*:Midwest dry mill; 20% wheat slurry, sorghum, corn; NG; modified DGS	PHY02	By rail from U.S. to CA
				ETHGW007	62.96	2A Application*:Midwest dry mill; 25% wheat slurry, sorghum, corn; NG; wet DGS		
				ETHGW008	71.26	2A Application*:Midwest dry mill; 25% wheat slurry, sorghum, corn; NG; dry DGS		
				ETHGW009	65.26	2A Application*:Midwest dry mill; 25% wheat slurry, sorghum, corn; NG; modified DGS		
				ETHGW010	59.76	2A Application*:Midwest dry mill; 25% wheat slurry, sorghum, corn; NG; wet DGS		
				ETHGW011	68.06	2A Application*:Midwest dry mill; 25% wheat slurry, sorghum, corn; NG; dry DGS		
				ETHGW012	62.06	2A Application*:Midwest dry mill; 25% wheat slurry, sorghum, corn; NG; modified DGS		
				ETHGW013	56.56	2A Application*:Midwest dry mill; 25% wheat slurry, sorghum, corn; NG; wet DGS		

US Energy Partners, LLC (White Energy, Russell)	1030 East 15th Street Russell, Kansas 67665	4745	70038	ETHGW014	64.86	2A Application*:Midwest dry mill; 25% wheat slurry, sorghum, corn; NG; dry DGS	PHY02	By rail from U.S. to CA
				ETHGW015	58.86	2A Application*:Midwest dry mill; 25% wheat slurry, sorghum, corn; NG; modified DGS		
USL Parallel Products of California	12281 Arrow Route Rancho Cucamonga, California 91739	4018	70122	ETHWB001	71.40	2B Application*: Waste Beverages to Ethanol	PHY01	Fuel produced in CA
Valero Renewable Fuels LLC - Albert City	2356 510th Street Albert City, Iowa 50510	3201	70142	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
Valero Renewable Fuels LLC - Albion	2615 260th Street Albion, Nebraska 68620	3201	70283	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
Vitol - Gasohol De El Salvador	Avenida San Martin Y Calle Octava Calle Oriente 4 7 Santa Tecla La Libertad Sv El Salvador	3052	EBC01	ETHS007	79.11	2B Application*: Brazilian sugarcane using average production process, dehydrated under the CBI in El Salvador	PHY11	By Ocean tanker from Brazil to Caribbean Islands, and by ocean tanker from Caribbean Islands to California – then by pipelines from the port in California into storage tanks in California

Vitol - Gasohol De El Salvador	Avenida San Martin Y Calle Octava Calle Oriente 4 7 Santa Tecla La Libertad Sv El Salvador	3052	EBC01	ETHS008	64.11	2B Application*: Brazilian sugarcane using average production process, with mechanized harvesting and electricity co-product credit, dehydrated under the CBI in El Salvador	PHY11	By Ocean tanker from Brazil to Caribbean Islands, and by ocean tanker from Caribbean Islands to California – then by pipelines from the port in California into storage tanks in California
				ETHS009	72.11	2B Application*: Brazilian sugarcane using average production process, with electricity co-product credit, dehydrated under the CBI in El Salvador		
Western Plains Energy	3022 County Road 18, Oakley, Kansas 67748	4740	70030	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
				ETHG002	85.81	Sorghum Ethanol: Midwest; Dry Mill, Wet DGS, 100% NG		
				ETHG001	96.24	Sorghum Ethanol: Midwest; Dry Mill, Dry DGS, 100% NG		
White Energy Hereford, LLC	99 Progressive Road, Hereford, TX 79045	4745	70037	ETHGC001	84.79	2A Application*:Midwest dry mill; 1% Sorghum, 99% Corn, Wet DGS	PHY02	By rail from U.S. to CA
				ETHGC002	87.09	2A Application*:Midwest dry mill; 1% Sorghum, 99% Corn, Partially Dry DGS		

White Energy Hereford, LLC	99 Progressive Road Hereford, TX 79045	4745	70037	ETHGC003	93.09	2A Application*:Midwest dry mill; 1% Sorghum, 99% Corn, Dry DGS	PHY02	By rail from U.S. to CA
				ETHGC004	85.46	2A Application*:Midwest dry mill; 10% Sorghum, 90% Corn, Wet DGS		
				ETHGC005	87.76	2A Application*:Midwest dry mill; 10% Sorghum, 90% Corn, Partially Dry DGS		
				ETHGC006	93.76	2A Application*:Midwest dry mill; 10% Sorghum, 90% Corn, Dry DGS		
				ETHGC007	86.19	2A Application*:Midwest dry mill; 20% Sorghum, 80% Corn, Wet DGS		
				ETHGC008	88.49	2A Application*:Midwest dry mill; 20% Sorghum, 80% Corn, Partially Dry DGS		
				ETHGC009	94.49	2A Application*:Midwest dry mill; 20% Sorghum, 80% Corn, Dry DGS		
				ETHGC010	86.93	2A Application*:Midwest dry mill; 30% Sorghum, 70% Corn, Wet DGS		

White Energy Hereford, LLC	99 Progressive Road Hereford, TX 79045	4745	70037	ETHGC011	89.23	Midwest dry mill; 30% Sorghum, 70% Corn, Partially Dry DGS	PHY02	By rail from U.S. to CA
				ETHGC012	95.23	2A Application*:Midwest dry mill; 30% Sorghum, 70% Corn, Dry DGS		
				ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG		
				ETHC004	98.40	Corn Ethanol - Midwest; Dry Mill; Dry DGS, NG		
Yokayo Biofuels, Inc	350 Orr Springs Road Ukiah, CA 95482	4667	82626	BIOD003	11.76	Biodiesel - Conversion of waste oils (Used Cooking Oil) to biodiesel (fatty acid methyl esters - FAME) where "cooking" is not required	PHY01	Fuel produced in CA
Yuma Ethanol	38480 County Road H, Yuma, Colorado 80759	4735	70024	ETHC008	90.10	Corn Ethanol - Midwest; Dry Mill; Wet DGS; NG	PHY02	By rail from U.S. to CA

* Specific conditions apply