

Summary: Method 2A/2B Applications and Internal Priority Pathways (as of 06/16/2015)

Applicant	Pathway Description	Pathway ID	Carbon Intensity (gCO ₂ e/MJ; Direct + Land Use Change)	Special Conditions (Y/N)?	Status
Abengoa Bioenergy-Biomass of Kansas	Corn Stover residue-based cellulosic ethanol with electricity co-product credit.	ETHB002	29.52	Y	Posted to Web
Abengoa Bioenergy-Biomass of Kansas	Corn Stover residue-based cellulosic ethanol with electricity co-product credit.	ETHB003	23.36	Y	Posted to Web
Aberdeen Energy, Mina, SD	Ethanol from Corn, DDGS	ETHC060	92.15	Y	Posted to Web
Aberdeen Energy, Mina, SD	Ethanol from Corn, MDGS	ETHC061	87.66	Y	Posted to Web
ADM Agri-Inductries Company	North American Canola; oil extracted in Canada; Biodiesel produced in Canada (rail transport)	BIOD013	62.75	Y	Posted to Web
ADM Agri-Inductries Company	North American Canola; oil extracted in Canada; Biodiesel produced in Canada (rail and ship transport)	BIOD015	62.10	Y	Posted to Web
Advanced BioEnergy (ABE), Aberdeen, SD	Ethanol from Corn, DDGS	ETHC065	88.59	Y	Posted to Web
American Renewable Fuel Suppliers, Acajutla, El Salvador	Ethanol / Hydrous Brazilian Sugarcane Ethanol, average production process, with mechanized harvesting and electricity co-product credit, dehydrated under the CBI	ETHS013	68.96	Y	Posted to Web
American Renewable Fuel Suppliers, Acajutla, El Salvador	Ethanol / Hydrous Brazilian Sugarcane Ethanol, average production process, with electricity co-product credit, dehydrated under the CBI	ETHS014	76.96	Y	Posted to Web
American Renewable Fuel Suppliers, Acajutla, El Salvador	Ethanol / Hydrous Brazilian Sugarcane Ethanol, average production process, dehydrated under the CBI	ETHS015	83.96	Y	Posted to Web
Applied Natural Gas Fuels LLC	North American NG delivered via pipeline; liquefied in Topock, AZ	LNG011	85.77	Y	Posted to Web
Applied Natural Gas Fuels LLC	North American landfill gas to biomethane, delivered via pipeline, and liquefied in Topock, Arizona	LNG012	49.84	Y	Posted to Web
Applied Natural Gas Fuels LLC	North American ladnfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied in Topock, AZ; transported by truck to CA	LNG012_1	40.91	Y	Posted to Web
Applied Natural Gas Fuels LLC	North American landfill gas to biomethane, delivered via pipeline, and liquefied in Topock, Arizona; LNG delivered to California via truck for compression in California	CNG008	50.98	Y	Posted to Web
Applied Natural Gas Fuels LLC	North American landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied in Topock, AZ; transported by truck to CA; regasified and compressed to L-CNG	CNG008_1	41.68	Y	Posted to Web
Applied Natural Gas Fuels LLC	North American NG, delivered via pipeline; liquefied in Topock, AZ; delivered via truck; and compressed to L-CNG in CA	CNG015	76.87	Y	Posted to Web
Applied Natural Gas Fuels LLC	North American NG, delivered via pipeline; liquefied in Topock, AZ; delivered to CA via truck	LNG011_1	76.84	Y	Posted to Web
ARB Internal Priority Pathway	Midwest Biodiesel from Used Cooking Oil without cooking	BIOD005	13.83	N	Approved
ARB Internal Priority Pathway	Midwest Biodiesel from Used Cooking Oil with cooking	BIOD004	18.72	N	Approved
ARB Internal Priority Pathway	Ethanol from Sorghum (Dry DGS)	ETHG001	96.24	N	Posted to Web
ARB Internal Priority Pathway	Ethanol from Sorghum (Wet DGS)	ETHG002	85.81	N	Posted to Web
ARB Internal Priority Pathway	Biodiesel from Canola Oil	BIOD006	62.99	N	Posted to Web
ARB Internal Priority Pathway	Biodiesel from Corn Oil	BIOD007	4.00	N	Approved

ARB Internal Priority Pathway	Biomethane produced from the high-solids (greater than 15 percent total solids) anaerobic digestion of food and green wastes; meets California standards for pipeline quality biomethane; co-production of a compost/soil amendment. Use of electricity generated from a marginal energy mix with a CI at or below the CI associated with 78.7 percent natural gas and 21.3 percent renewables (excluding large hydro-electric and biomass-based generation)	CNG005	-15.29	N	Posted to Web
ARB Internal Priority Pathway	North American landfill gas to biomethane, delivered to California via pipeline and compressed in California	CNG006	33.02	N	Posted to Web
ARB Internal Priority Pathway	Biomethane produced from the mesophilic anaerobic digestion of wastewater sludge at a California publicly owned treatment works; on-site, high speed vehicle fueling or injection of fuel into a pipeline for off-site fueling; export to the grid of surplus cogenerated electricity.	CNG020	7.89	Y	Posted to Web
ARB Internal Priority Pathway	Biomethane produced from the mesophilic anaerobic digestion of wastewater sludge at a California publicly owned treatment works; on-site, high speed vehicle fueling or injection of fuel into a pipeline for off-site fueling.	CNG021	30.51	Y	Posted to Web
ARB Internal Priority Pathway	Biodiesel produced from corn oil extracted at Dry Mill ethanol plants in corn-oil-producing states; Wet or Dry DGS; Biodiesel produced in either the corn-oil-producing states or in the Western U.S.; NG	BIOD021	29.27	Y	Posted to Web
ARB Internal Priority Pathway	North American landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in CA	LNG021	48.71	Y	Posted to Web
ARB Internal Priority Pathway	North American landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in CA with 80% liquefaction efficiency	LNG021_1	49.10	Y	Posted to Web
ARB Internal Priority Pathway	North American landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; re-gasified and compressed to L-CNG in CA	CNG024	66.45	Y	Posted to Web
ARB Internal Priority Pathway	North American landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in CA with 80% liquefaction efficiency; transported by trucks; re-gasified and compressed to L-CNG in CA	CNG024_1	51.30	Y	Posted to Web
ARB Internal Priority Pathway	North American landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in CA with 90% liquefaction efficiency	LNG026	40.27	Y	Posted to Web
ARB Internal Priority Pathway	North American landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in CA with 90% liquefaction efficiency; transported by trucks; re-gasified and compressed to L-CNG in C	CNG033	42.46	Y	Posted to Web

Archer Daniels Midland Company; Columbus, NE	Ethanol from Corn, baseline plant energy w/ 0% biomass	ETHC014	90.99	Y	Approved
Archer Daniels Midland Company; Columbus, NE	Ethanol from Corn, baseline plant energy w/ 5% biomass	ETHC015	89.08	Y	Approved
Archer Daniels Midland Company; Columbus, NE	Ethanol from Corn, baseline plant energy w/ 10% biomass	ETHC016	87.16	Y	Approved
Archer Daniels Midland Company; Columbus, NE	Ethanol from Corn, baseline plant energy w/ 15% biomass	ETHC017	85.24	Y	Approved
Archer Daniels Midland Company; Columbus, NE	Ethanol from Corn, optimized plant energy w/ 0% biomass	ETHC018	87.11	Y	Approved
Archer Daniels Midland Company; Columbus, NE	Ethanol from Corn, optimized plant energy w/ 5% biomass	ETHC019	87.86	Y	Approved
Archer Daniels Midland Company; Columbus, NE	Ethanol from Corn, optimized plant energy w/ 10% biomass	ETHC020	85.91	Y	Approved
Archer Daniels Midland Company; Columbus, NE	Ethanol from Corn, optimized plant energy w/ 15% biomass	ETHC021	83.96	Y	Approved
BIOX Corporation	North American UCO; Biodiesel Produced in Canada	BIOD022	22.45	Y	Posted to Web
BIOX Corporation	North American Tallow; Biodiesel Produced in Canada	BIOD023	46.36	Y	Posted to Web
BIOX Corporation	North American Soybeans; Oil extracted in Canada; Biodiesel Produced in Canada	BIOD024	88.59	Y	Posted to Web
BIOX Corporation	North American Corn Oil; Biodiesel Produced in Canada	BIOD025	11.11	Y	Posted to Web
BIOX Corporation	North American Canola; Oil extracted in Canada; Biodiesel Produced in Canada	BIOD026	67.32	Y	Posted to Web
BP BIOCOMBUSTÍVEIS S.A. ETHANOL PRODUCTION FACILITY AT Ituiutaba Bioenergia Ltda	Brazilian sugarcane juice-based ethanol with average production processes, and credit for export of surplus cogenerated electricity, and mechanized harvesting	ETHS022	56.98	Y	Posted to Web
BP BIOCOMBUSTÍVEIS S.A. ETHANOL PRODUCTION FACILITY AT Ituiutaba Bioenergia Ltda	Brazilian sugarcane by-product molasses-based ethanol with average production processes, and credit for export of surplus cogenerated electricity, and mechanized harvesting	ETHM007	49.71	Y	Posted to Web
BP BIOCOMBUSTÍVEIS S.A. ETHANOL PRODUCTION FACILITY AT Central Itumbiara de Bioenergia e Alimentos S/A	Brazilian sugarcane juice-based ethanol with average production processes, and credit for export of surplus cogenerated electricity, and mechanized harvesting	ETHS023	57.94	Y	Posted to Web
BP BIOCOMBUSTÍVEIS S.A. ETHANOL PRODUCTION FACILITY AT Central Itumbiara de Bioenergia e Alimentos S/A	Brazilian sugarcane by-product molasses-based ethanol with average production processes, and credit for export of surplus cogenerated electricity, and mechanized harvesting	ETHM008	50.38	Y	Posted to Web
Chamway Technology Ltd.	Hong Kong Used Cooking Oil; biodiesel produced in Hong Kong; Cooking not required	BIOD014	34.82	N	Posted to Web
Clean Energy	Washington landfill gas to biomethane; delivered by pipeline; compressed in CA	CNG009	13.29	Y	Posted to Web
Clean Energy	Washington landfill gas to biomethane; delivered by pipeline; compressed in CA	CNG009_1	13.67	Y	Posted to Web
Clean Energy	Washington landfill gas to biomethane, delivered by pipeline, liquefied in Boron CA; re-gasified and compressed to CNG	CNG011	20.23	Y	Posted to Web
Clean Energy	Washington landfill gas to biomethane; delivered by pipeline; liquefied in Boron, CA	LNG014	18.14	Y	Posted to Web
Clean Energy	Texas landfill gas to biomethane; delivered by pipeline; compressed in CA	CNG016	28.42	Y	Posted to Web
Clean Energy	Texas landfill gas to biomethane; delivered by pipeline, liquified in Boron CA; re-gasified and compressed to CNG	CNG017	35.11	Y	Posted to Web

Clean Energy	Texas landfill gas to biomethane; delivered by pipeline; liquefied in Boron, CA	LNG018	32.99	Y	Posted to Web
Clean Energy	Ohio landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG, CA	CNG025	28.68	Y	Posted to Web
Clean Energy	Ohio landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied in Boron, CA	LNG022	33.19	Y	Posted to Web
Clean Energy	Ohio landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied in CA; transported by trucks; re-gasified and compressed to L-CNG in CA	CNG026	35.31	Y	Posted to Web
Clean Energy	New York landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG, CA	CNG027	27.53	Y	Posted to Web
Clean Energy	New York landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied in Boron, CA	LNG023	32.03	Y	Posted to Web
Clean Energy	New York landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied in CA; transported by trucks; re-gasified and compressed to L-CNG in CA	CNG028	34.15	Y	Posted to Web
Clean Energy - STH	Liquified Natural Gas	LNG013	30.09	Y	Posted to Web
Clean Energy: CERF Shelby, LLC	Tennessee landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in CA	LNG028	43.83	Y	Posted to Web
Clean Energy: CERF Shelby, LLC	Tennessee landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; re-gasified and compressed to L-CNG in CA	CNG035	45.95	Y	Posted to Web
Clean Energy, Ehrenberg, AZ	Liquified Natural Gas	LNG010	76.25	Y	Posted to Web
Clean Energy: Kansas City Landfill, LLC	Kansas City landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA	CNG029	26.38	Y	Posted to Web
Clean Energy: Kansas City Landfill, LLC	Kansas City landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; re-gasified and compressed to L-CNG in CA	CNG030	32.92	Y	Posted to Web
Clean Energy: Kansas City Landfill, LLC	Kansas City landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in CA	LNG024	30.80	Y	Posted to Web
Clean Energy - Pinnacle Gas Producers, LLC	Ohio landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA	CNG022	21.01	Y	Posted to Web
Clean Energy - Pinnacle Gas Producers, LLC	Ohio landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; re-gasified and compressed to L-CNG in CA	CNG023	27.62	Y	Posted to Web
Clean Energy - Pinnacle Gas Producers, LLC	Ohio landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in CA	LNG020	25.50	Y	Posted to Web
Clean Energy: Westside Gas Producers, LLC	Michigan landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA	CNG031	25.62	Y	Posted to Web
Clean Energy: Westside Gas Producers, LLC	Michigan landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; re-gasified and compressed to L-CNG in CA	CNG032	32.24	Y	Posted to Web
Clean Energy: Westside Gas Producers, LLC	Michigan landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in CA	LNG025	30.12	Y	Posted to Web

Conestoga Energy Partners, LLC/Arkalon Ethanol, LLC, Liberal, KS	Ethanol from Sorghum	ETHG004	76.22	Y	Posted to Web
Conestoga Energy Partners, LLC/Arkalon Ethanol, LLC, Liberal, KS	Ethanol from Corn	ETHC037	80.17	Y	Posted to Web
Conestoga Energy Partners, LLC/Bonanza BioEnergy, LLC, Garden City, KS	Ethanol from Corn	ETHC036	76.75	Y	Posted to Web
Conestoga Energy Partners, LLC/Bonanza BioEnergy, LLC, Garden City, KS	Ethanol from Sorghum	ETHG003	73.39	Y	Posted to Web
Consolidated Biofuels LTD	North American low-free fatty acids (Used Cooking Oil) where "cooking" is required; Biodiesel Produced in Canada	BIOD029	21.34	Y	Posted to Web
Dakota Ethanol, LLC	Midwest; Dry Mill, Mixed DGS (Wet, Modified, and Dry); With Efficiency Upgrade; No Lime; NG	ETHC102	80.21	Y	Posted to Web
Dakota Ethanol, LLC	Midwest; Dry Mill, Mixed DGS (Wet, Modified, and Dry); Without Efficiency Upgrade; No Lime; NG	ETHC103	85.96	Y	Posted to Web
Dansuk Industrial Co. LTD	South Korean UCO biodiesel; Cooking not required	BIOD011	15.01	Y	Posted to Web
Diamond Green Diesel	Conversion of Midwest soybean to renewable diesel (rail transport)	RNWD010	83.70	Y	Posted to Web
Diamond Green Diesel	Conversion of Midwest soybean to soy oil to renewable diesel (ship transport)	RNWD011	83.48	Y	Posted to Web
Diamond Green Diesel	Renewable diesel from Midwest corn oil produced from Dry DGS (rail transport)	RNWD012	6.00	Y	Posted to Web
Diamond Green Diesel	Renewable diesel from Midwest corn oil produced from Dry DGS (ship transport)	RNWD013	5.56	Y	Posted to Web
Diamond Green Diesel	Conversion of waste oils (Used Cooking Oil) from Midwest to renewable diesel where "cooking" is required (rail transport)	RNWD016	18.40	Y	Posted to Web
Diamond Green Diesel	Conversion of waste oils (Used Cooking Oil) from Midwest to renewable diesel where "cooking" is required (ship Transport)	RNWD017	18.18	Y	Posted to Web
Diamond Green Diesel	Conversion of waste oils (Used Cooking Oil) from Midwest to renewable diesel where "cooking" is not required (rail transport)	RNWD018	13.85	Y	Posted to Web
Diamond Green Diesel	Conversion of waste oils (Used Cooking Oil) from Midwest to renewable diesel where "cooking" is not required (ship transport)	RNWD019	13.63	Y	Posted to Web
Diamond Green Diesel	Conversion of U.S. tallow to renewable diesel using higher energy use for rendering (rail transport)	RNWD020	40.34	Y	Posted to Web
Diamond Green Diesel	Conversion of U.S. tallow to renewable diesel using higher energy use for rendering (ship transport)	RNWD021	40.12	Y	Posted to Web
Diamond Green Diesel	Conversion of U.S. tallow to renewable diesel using lower energy use for rendering (rail transport)	RNWD022	19.91	Y	Posted to Web
Diamond Green Diesel	Conversion of U.S. tallow to renewable diesel using lower energy use for rendering (ship transport)	RNWD023	19.70	Y	Posted to Web
Diamond Green Diesel	Conversion of waste oils (Used Cooking Oil) from U.S to renewable diesel where "cooking" is required (rail transport)	RNWD024	21.10	N	Posted to Web
Diamond Green Diesel	Conversion of waste oils (Used Cooking Oil) from U.S to renewable diesel where "cooking" is required (ship transport)	RNWD025	20.89	N	Posted to Web

E Energy Adams, LLC, Adams, NE	Ethanol from Corn, 65% DDGS and 35% MDGS	ETHC067	86.31	Y	Posted to Web
Element Markets	Pennsylvania landfill gas to biomethane delivered via pipeline; liquefied in California; 80% liquefaction efficiency	LNG015	32.53	Y	Posted to Web
Element Markets Renewable Energy	Pennsylvania Landfill gas to biomethane, delivered to Topock, AZ via pipeline for liquefaction; transported by truck to California; regasified and compressed to L-CNG	CNG013	26.27	Y	Posted to Web
Element Markets Renewable Energy	Michigan Landfill gas to pipeline-quality biomethane, delivered to Topock, AZ via pipeline for liquefaction; transported by truck to CA; regasified and compressed to CNG	CNG014	25.30	Y	Posted to Web
Element Markets Renewable Energy	Pennsylvania Landfill gas to biomethane, delivered to Topock, AZ via pipeline for liquefaction; transported by truck to California	LNG016	25.87	Y	Posted to Web
Element Markets Renewable Energy	Michigan Landfill gas to pipeline-quality biomethane, delivered to Topock, AZ via pipeline for liquefaction; transported by truck to CA	LNG017	24.90	Y	Posted to Web
Element Markets Renewable Energy	Michigan landfill gas to pipeline-quality biomethane; delivered via pipeline, liquefied in CA; transported by truck; re-gasified and compressed to CNG in CA	CNG018	23.77	Y	Posted to Web
Element Markets Renewable Energy	Michigan landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied in CA	LNG019	21.68	Y	Posted to Web
Elkhorn Valley Ethanol LLC, c/o Louis Dreyfus Corporation, Norfolk, NE	Ethanol from Corn	ETHC022	87.16	Y	Approved
Endicott Biofuels II LLC	Conversion of waste oils (Used Cooking Oil) to Biodiesel utilizing the Davy Process. Fuel produced in Texas.	BIOD010	10.05	Y	Posted to Web
EthylChem, Trinidad/Tobago	Ethanol / Hydrous Brazilian Sugarcane Ethanol, average production process, with mechanized harvesting and electricity co-product credit, dehydrated under the CBI	ETHS016	63.58	Y	Posted to Web
EthylChem, Trinidad/Tobago	Ethanol / Hydrous Brazilian Sugarcane Ethanol, average production process, with electricity co-product credit, dehydrated under the CBI	ETHS017	71.58	Y	Posted to Web
EthylChem, Trinidad/Tobago	Ethanol / Hydrous Brazilian Sugarcane Ethanol, average production process, dehydrated under the CBI	ETHS018	78.58	Y	Posted to Web
Flint Hills Resources, Fairmont, NE	Midwest, Dry Mill, Dry DGS, Natural Gas	ETHC064	86.62	Y	Posted to Web
Flint Hills Resources, Iowa Falls, IA	Ethanol From Corn, combination of MDGS and DDGS.	ETHC039	91.56	Y	Posted to Web
FutureFuel Chemical Company	North American UCO; Biodiesel Produced in Arkansas	BIOD027	23.81	Y	Posted to Web
FutureFuel Chemical Company	North American Corn Oil; Biodiesel Produced in Arkansas	BIOD028	9.65	Y	Posted to Web
Glacial lakes Energy, Watertown, SD.	Ethanol from Corn, DDGS	ETHC058	91.18	Y	Posted to Web
Glacial lakes Energy, Watertown, SD.	Ethanol from Corn, MDGS	ETHC059	86.69	Y	Posted to Web
Granite Falls Energy LLC	Midwest Dry Mill; Combination of Dry DGS and Modified DGS; NG	ETHC094	85.08	Y	Post to Web
GranBio	Brazilian sugarcane straw residue-based cellulosic ethanol with electricity co-product credit.	ETHB001	7.49	Y	Posted to Web

Great Plains Ethanol, LLC dba POET Biorefining Chacellor	Midwest Corn; Dry Mill; Dry DGS; 66% NG; 19% Landfill Gas; and 15% Biomass (waste wood products)	ETHC096	63.88	Y	Posted to Web
Great Plains Ethanol, LLC dba POET Biorefining Chacellor	Midwest Sorghum; Dry Mill; Dry DGS; 66% NG; 19% Landfill Gas; and 15% Biomass (waste wood products)	ETHG014	67.50	Y	Posted to Web
Golden Grain Energy, Mason City, IA.	Ethanol From Corn, DDGS	ETHC057	88.92	Y	Posted to Web
Green Plains Central City LLC, Central City, NE	Ethanol from Corn, MDGS	ETHC023	82.17	Y	Approved
Green Plains Holdings II LLC, Lakota, IA	Ethanol From Corn, combination of WDGS and DDGS.	ETHC024	91.60	Y	Approved
Green Plains Ord LLC, Ord, NE	Ethanol From Corn, combination of MDGS and DDGS.	ETHC040	85.84	Y	Posted to Web
Green Plains Shenandoah LLC, Shenandoah, IA	Ethanol From Corn, combination of MDGS and DDGS.	ETHC041	85.73	Y	Posted to Web
Heartland Corn Products	Ethanol From Corn, DDGS.	ETHC098	85.34	Y	Posted to Web
Hereford Renewable Energy LLC	Ethanol from 99% Corn, 1% Sorghum (milo), Dry mill, 100% NG, 100% Wet DGS	ETHC072	78.90	Y	Posted to Web
Heron Lake	Midwest; Dry Mill; Dry DGS; NG	ETHC091	88.69	Y	Posted to Web
Illinois River, Rochelle, IL	Ethanol from Corn, DDGS	ETHC062	88.63	Y	Posted to Web
Illinois River, Rochelle, IL	Ethanol from Corn, WDGS	ETHC063	80.55	Y	Posted to Web
JB Ethanol, Port Esquivel, Jamaica	Ethanol / Hydrous Brazilian Sugarcane Ethanol, average production process, with mechanized harvesting and electricity co-product credit, dehydrated under the CBI	ETHS010	64.26	Y	Posted to Web
JB Ethanol, Port Esquivel, Jamaica	Ethanol / Hydrous Brazilian Sugarcane Ethanol, average production process, with electricity co-product credit, dehydrated under the CBI	ETHS011	72.26	Y	Posted to Web
JB Ethanol, Port Esquivel, Jamaica	Ethanol / Hydrous Brazilian Sugarcane Ethanol, average production process, dehydrated under the CBI	ETHS012	79.26	Y	Posted to Web
Johnstown Renewable Energy LLC, PA	Pennsylvania Landfill gas to biomethane, delivered to California via pipeline and compressed in California	CNG007	17.41	N	Posted to Web
KAAPA Ethanol, Minden, NE	Ethanol from Corn, WDGS	ETHC038	78.56	Y	Posted to Web
LAICA	2B Application (Specific Conditions Apply): Brazilian sugarcane using average production process, dehydrated under the CBI in Costa Rica	ETHS019	84.71	Y	Posted to Web
LAICA	2B Application (Specific Conditions Apply): Brazilian sugarcane using average production process, with electricity co-product credit, dehydrated under the CBI in Costa Rica	ETHS020	77.71	Y	Posted to Web
LAICA	2B Application (Specific Conditions Apply): Brazilian sugarcane using average production process, with mechanized harvesting and electricity co-product credit, dehydrated under the CBI in Costa Rica	ETHS021	69.71	Y	Posted to Web
Little Sioux Corn Processors LLLP	Midwest; Dry Mill; Dry DGS; NG	ETHC081	89.09	Y	Posted to Web
Little Sioux Corn Processors LLLP	Midwest; Dry Mill; Modified DGS; NG	ETHC082	82.36	Y	Posted to Web
Louis Dreyfus Commodities Elkhorn Valley Ethanol LLC	Midwest; Dry Mill; Dry DGS; NG	ETHC076	90.86	Y	Posted to Web
Louis Dreyfus Commodities Elkhorn Valley Ethanol LLC	Midwest; Dry Mill; Modified DGS; NG	ETHC077	83.87	Y	Posted to Web
Louis Dreyfus Commodities Grand Junction, LLC	Midwest; Dry Mill; Dry DGS; NG	ETHC085	89.56	Y	Posted to Web

Louis Dreyfus Commodities Grand Junction, LLC	Midwest; Dry Mill; Modified DGS; NG	ETHC086	83.21	Y	Posted to Web
Louis Dreyfus Corporation, Grand Junction, IA	Ethanol From Corn, DDGS and small amounts of WDGS	ETHC042	91.24	Y	Posted to Web
Methes Energies Canada	Canadian Used Cooking Oil; Biodiesel produced in Canada	BIOD016	19.75	N	Posted to Web
Methes Energies Canada	Midwest Corn Oil.; Biodiesel produced in Canada	BIOD017	16.62	N	Posted to Web
National Biodiesel Board (NBB)	Biodiesel from mixed animal fat	BIOD008	40.18	N	Posted to Web
Nebraska Corn Ethanol Processing	Midwest Corn Ethanol; Dry Mill; Wet DGS; NG	ETHC080	83.64	Y	Posted to Web
NSEL	Nicaraguan sugarcane by-product molasses-based ethanol with average production processes and electricity co-product credit	ETHM003	21.47	Y	Posted to Web
Neste Oil Singapore PTE Ltd	Australian Rendered Tallow to Renewable Diesel. Fuel production in Singapore.	RNWD004	33.46	Y	Posted to Web
Neste Oil Singapore PTE Ltd	North American Rendered Tallow to Renewable Diesel; Fuel Produced in Singapore	RNWD005	49.69	Y	Posted to Web
Neste Oil Singapore PTE Ltd	Southeast Asian Rendered Fish Oil to Renewable Diesel; Fuel Produced in Singapore	RNWD006	30.48	Y	Posted to Web
Neste Oil Singapore PTE Ltd	New Zealand Rendered Tallow to Renewable Diesel; Fuel Produced in Singapore	RNWD007	36.57	Y	Posted to Web
Neste Oil Singapore PTE Ltd	Asian UCO to Renewable Diesel; Fuel Produced in Singapore	RNWD009	16.21	Y	Posted to Web
Pacific Ethanol Magic Valley, Idaho	Midwest Corn; Idaho Ethanol Plant; Dry Mill; Wet DGS; NG	ETHC087	76.75	Y	Posted to Web
Pacific Ethanol Columbia, Oregon	Midwest Corn; Oregon Ethanol Plant; Dry Mill; Wet DGS; NG	ETHC088	77.25	Y	Posted to Web
Pantaleon Sugar Holdings S.A.	Guatemalan sugarcane molasses-based ethanol with average production processes and electricity co-product credit.	ETHM002	22.75	Y	Posted to Web
Parallel Products, Rancho Cucamonga, CA	Ethanol from Waste Beverages	ETHWB001	71.40	Y	Posted to Web
POET LLC, Subpathway 1 (DDGS)	Ethanol from Corn, Raw Starch Hydrolysis, 100% DDGS	ETHC025	92.44	Y	Approved
POET LLC, Subpathway 1 (WDGS)	Ethanol from Corn, Raw Starch Hydrolysis, 100% WDGS	ETHC031	83.69	Y	Approved
POET LLC, Subpathway 2 (DDGS)	Ethanol from Corn, Raw Starch Hydrolysis/Combined Heat and Power, 100% DDGS	ETHC026	88.49	Y	Approved
POET LLC, Subpathway 2 (WDGS)	Ethanol from Corn, 100% WDGS	ETHC032	80.01	Y	Approved
POET LLC, Subpathway 3 (DDGS)	Ethanol from Corn, Raw Starch Hydrolysis/Biomass & Landfill Gas Fuels, 100% DDGS	ETHC027	88.50	Y	Approved
POET LLC, Subpathway 4 (DDGS)	Ethanol from Corn, Raw Starch Hydrolysis/Corn Fractionation, 100% DDGS	ETHC028	91.66	Y	Approved
POET LLC, Subpathway 4 (WDGS)	Ethanol from Corn, Raw Starch Hydrolysis/Corn Fractionation, 100% WDGS	ETHC033	80.26	Y	Approved
POET LLC, Subpathway 5 (DDGS)	Ethanol from Corn, Conventional Cook/Combined Heat and Power, 100% DDGS	ETHC029	90.52	Y	Approved
POET LLC, Subpathway 5 (WDGS)	Ethanol from Corn, Conventional Cook/Combined Heat and Power, 100% WDGS	ETHC034	80.47	Y	Approved
POET LLC, Subpathway 6 (DDGS)	Ethanol from Corn, Raw Starch Hydrolysis/Biogas Process Fuel, 100% DDGS	ETHC030	74.70	Y	Approved
POET LLC, Subpathway 6 (WDGS)	Ethanol from Corn, Raw Starch Hydrolysis/Biogas Process Fuel, 100% WDGS	ETHC035	73.21	Y	Approved
POET LLC, Subpathway 7 (DDGS)	Ethanol from Corn, Raw Starch Hydrolysis/Nat gas Process Fuel 100% DDGS	ETHC068	89.76	Y	Posted to Web

POET LLC, Subpathway 7(WDGS)	Ethanol from Corn, Raw Starch Hydrolysis/Nat gas Process Fuel 100% WDGS	ETHC069	81.41	Y	Posted to Web
PT Indolampung (ILD), Lampung, Indonesia	Ethanol from Molasses	ETHM001	29.19	Y	Posted to Web
Raizen Energia S.A (Costa Pinto Mill)	Brazilian sugarcane by-product molasses-based ethanol with average production processes, and credits for electricity co-product and mechanized harvesting.	ETHM004	46.43	Y	Posted to Web
Redfield Energy, LLC	Midwest; Dry Mill; Combination of Dry DGS and modified DGS; NG	ETHC097	84.91	Y	Posted to Web
San Diego Metropolitan	Washington landfill gas to biomethane; delivered via pipeline; compressed in California	CNG010	13.36	Y	Posted to Web
Shanghai Ming Green	Shanghai, China, Used Cooking Oil; biodiesel produced in Shanghai, China; Cooking not required	BIOD019	16.86	Y	Posted to Web
Siouxland Energy, Sioux Center, IA	Ethanol from Corn, 100% WDGS	ETHC066	80.78	Y	Posted to Web
Siouxland Ethanol, Jackson, NE	Ethanol from Corn, MDGS and DDGS	ETHC043	88.14	Y	Posted to Web
Siouxland Ethanol, Jackson, NE	Ethanol from Corn MDGS and DDGS	ETHC044	85.91	Y	Posted to Web
Siouxland Ethanol, Jackson, NE	Ethanol from Corn MDGS and DDGS	ETHC045	85.16	Y	Posted to Web
Siouxland Ethanol, Jackson, NE	Ethanol from Corn MDGS and DDGS	ETHC046	84.41	Y	Posted to Web
Siouxland Ethanol, Jackson, NE	Ethanol from Corn MDGS and DDGS	ETHC047	83.74	Y	Posted to Web
Siouxland Ethanol, Jackson, NE	Ethanol from Corn MDGS and DDGS	ETHC048	83.06	Y	Posted to Web
Siouxland Ethanol, Jackson, NE	Ethanol from Corn MDGS and DDGS	ETHC049	82.38	Y	Posted to Web
Siouxland Ethanol, Jackson, NE	Ethanol from Corn MDGS and DDGS	ETHC050	83.64	Y	Posted to Web
Siouxland Ethanol, Jackson, NE	Ethanol from Corn MDGS and DDGS	ETHC051	81.41	Y	Posted to Web
Siouxland Ethanol, Jackson, NE	Ethanol from Corn MDGS and DDGS	ETHC052	80.66	Y	Posted to Web
Siouxland Ethanol, Jackson, NE	Ethanol from Corn MDGS and DDGS	ETHC053	79.91	Y	Posted to Web
Siouxland Ethanol, Jackson, NE	Ethanol from Corn MDGS and DDGS	ETHC054	79.23	Y	Posted to Web
Siouxland Ethanol, Jackson, NE	Ethanol from Corn MDGS and DDGS	ETHC055	78.56	Y	Posted to Web
Siouxland Ethanol, Jackson, NE	Ethanol from Corn	ETHC056	77.88	Y	Posted to Web
Taiwan NJc Corp.	Taiwan Used Cooking Oil; Biodiesel produced in Taiwan; Cooking not required	BIOD018	25.62	N	Posted to Web
Trenton Agri Products, LLC	2A Application (Specific Conditions Apply): Midwest; Dry Mill; Dry DGS, NG	ETHC070	88.39	Y	Posted to Web
Trenton Agri Products, LLC	2A Application (Specific Conditions Apply): Midwest; Dry Mill; Wet DGS, NG	ETHC071	79.99	Y	Posted to Web
Trenton Agri Products	Midwest Sorghum; Dry Mill; Wet DGS; NG	ETHG010	78.87	Y	Posted to Web
Trenton Agri Products	Midwest Sorghum; Dry Mill; Dry DGS; NG	ETHG011	87.26	Y	Posted to Web
Trillium CNG	Washington landfill gas to pipeline-quality biomethane; delivered via pipeline ; compressed in CA	CNG012	13.86	Y	Posted to Web
Trinidad Bulk Traders Limited, Trinidad and Tobago	Ethanol / Hydrous Brazilian Sugarcane Ethanol, average production process, dehydrated under the CBI	ETHS004	78.94	Y	Approved
Trinidad Bulk Traders Limited, Trinidad and Tobago	Ethanol / Hydrous Brazilian Sugarcane Ethanol, average production process, with mechanized harvesting and electricity co-product credit, dehydrated under the CBI	ETHS005	63.94	Y	Approved

Trinidad Bulk Traders Limited, Trinidad and Tobago	Ethanol / Hydrous Brazilian Sugarcane Ethanol, average production process, with electricity co-product credit, dehydrated under the CBI	ETHS006	71.94	Y	Approved
US Energy Partners LLC (White Energy), Plainview, TX Plant	Ethanol from 1% Sorghum, 99% Corn, Wet DGS	ETHGC013	88.74	Y	Posted to Web
US Energy Partners LLC (White Energy), Plainview, TX Plant	Ethanol from 1% Sorghum, 99% Corn, Partially Dry DGS	ETHGC014	91.04	Y	Posted to Web
US Energy Partners LLC (White Energy), Plainview, TX Plant	Ethanol from 1% Sorghum, 99% Corn, Dry DGS	ETHGC015	97.04	Y	Posted to Web
US Energy Partners LLC (White Energy), Plainview, TX Plant	Ethanol from 10% Sorghum, 90% Corn, Wet DGS	ETHGC016	89.62	Y	Posted to Web
US Energy Partners LLC (White Energy), Plainview, TX Plant	Ethanol from 10% Sorghum, 90% Corn, Partially Dry DGS	ETHGC017	91.92	Y	Posted to Web
US Energy Partners LLC (White Energy), Plainview, TX Plant	Ethanol from 10% Sorghum, 90% Corn, Dry DGS	ETHGC018	97.92	Y	Posted to Web
US Energy Partners LLC (White Energy), Plainview, TX Plant	Ethanol from 20% Sorghum, 80% Corn, Wet DGS	ETHGC019	90.60	Y	Posted to Web
US Energy Partners LLC (White Energy), Plainview, TX Plant	Ethanol from 20% Sorghum, 80% Corn, Partially Dry DGS	ETHGC020	92.90	Y	Posted to Web
US Energy Partners LLC (White Energy), Plainview, TX Plant	Ethanol from 20% Sorghum, 80% Corn, Dry DGS	ETHGC021	98.90	Y	Posted to Web
US Energy Partners LLC (White Energy), Plainview, TX Plant	Ethanol from 30% Sorghum, 70% Corn, Wet DGS	ETHGC022	91.59	Y	Posted to Web
US Energy Partners LLC (White Energy), Plainview, TX Plant	Ethanol from 30% Sorghum, 70% Corn, Partially Dry DGS	ETHGC023	93.89	Y	Posted to Web
US Energy Partners LLC (White Energy), Plainview, TX Plant	Ethanol from 30% Sorghum, 70% Corn, Dry DGS	ETHGC024	99.89	Y	Posted to Web
US Energy Partners LLC (White Energy), Russell, KS Plant	Ethanol from 15% wheat slurry, sorghum, corn; wet DGS	ETHGW001	69.36	Y	Posted to Web
US Energy Partners LLC (White Energy), Russell, KS Plant	Ethanol from 15% wheat slurry, sorghum, corn; dry DGS	ETHGW002	77.66	Y	Posted to Web
US Energy Partners LLC (White Energy), Russell, KS Plant	Ethanol from 15% wheat slurry, sorghum, corn; modified DGS	ETHGW003	71.66	Y	Posted to Web
US Energy Partners LLC (White Energy), Russell, KS Plant	Ethanol from 20% wheat slurry, sorghum, corn; wet DGS	ETHGW004	66.16	Y	Posted to Web
US Energy Partners LLC (White Energy), Russell, KS Plant	Ethanol from 20% wheat slurry; sorghum, corn; dry DGS	ETHGW005	74.46	Y	Posted to Web
US Energy Partners LLC (White Energy), Russell, KS Plant	Ethanol from 20% wheat slurry, sorghum, corn; modified DGS	ETHGW006	68.46	Y	Posted to Web
US Energy Partners LLC (White Energy), Russell, KS Plant	Ethanol from 25% wheat slurry, sorghum, corn; wet DGS	ETHGW007	62.96	Y	Posted to Web
US Energy Partners LLC (White Energy), Russell, KS Plant	Ethanol from 25% wheat slurry, sorghum, corn; dry DGS	ETHGW008	71.26	Y	Posted to Web
US Energy Partners LLC (White Energy), Russell, KS Plant	Ethanol from 25% wheat slurry, sorghum, corn; modified DGS	ETHGW009	65.26	Y	Posted to Web
US Energy Partners LLC (White Energy), Russell, KS Plant	Ethanol from 30% wheat slurry, sorghum, corn; wet DGS	ETHGW010	59.76	Y	Posted to Web
US Energy Partners LLC (White Energy), Russell, KS Plant	Ethanol from 30% wheat slurry, sorghum, corn; dry DGS	ETHGW011	68.06	Y	Posted to Web

US Energy Partners LLC (White Energy), Russell, KS Plant	Ethanol from 30% wheat slurry, sorghum, corn; modified DGS	ETHGW012	62.06	Y	Posted to Web
US Energy Partners LLC (White Energy), Russell, KS Plant	Ethanol from 35% wheat slurry, sorghum, corn; wet DGS	ETHGW013	56.56	Y	Posted to Web
US Energy Partners LLC (White Energy), Russell, KS Plant	Ethanol from 35% wheat slurry, sorghum, corn; dry DGS	ETHGW014	64.86	Y	Posted to Web
US Energy Partners LLC (White Energy), Russell, KS Plant	Ethanol from 35% wheat slurry, sorghum, corn; modified DGS	ETHGW015	58.86	Y	Posted to Web
US Energy Partners LLC (White Energy). Hereford, TX Plant	Ethanol from 1% Sorghum, 99% Corn, Wet DGS	ETHGC001	84.79	Y	Posted to Web
US Energy Partners LLC (White Energy). Hereford, TX Plant	Ethanol from 1% Sorghum, 99% Corn, Partially Dry DGS	ETHGC002	87.09	Y	Posted to Web
US Energy Partners LLC (White Energy). Hereford, TX Plant	Ethanol from 1% Sorghum, 99% Corn, Dry DGS	ETHGC003	93.09	Y	Posted to Web
US Energy Partners LLC (White Energy). Hereford, TX Plant	Ethanol from 10% Sorghum, 90% Corn, Wet DGS	ETHGC004	85.46	Y	Posted to Web
US Energy Partners LLC (White Energy). Hereford, TX Plant	Ethanol from 10% Sorghum, 90% Corn, Partially Dry DGS	ETHGC005	87.76	Y	Posted to Web
US Energy Partners LLC (White Energy). Hereford, TX Plant	Ethanol from 10% Sorghum, 90% Corn, Dry DGS	ETHGC006	93.76	Y	Posted to Web
US Energy Partners LLC (White Energy). Hereford, TX Plant	Ethanol from 20% Sorghum, 80% Corn, Wet DGS	ETHGC007	86.19	Y	Posted to Web
US Energy Partners LLC (White Energy). Hereford, TX Plant	Ethanol from 20% Sorghum, 80% Corn, Partially Dry DGS	ETHGC008	88.49	Y	Posted to Web
US Energy Partners LLC (White Energy). Hereford, TX Plant	Ethanol from 20% Sorghum, 80% Corn, Dry DGS	ETHGC009	94.49	Y	Posted to Web
US Energy Partners LLC (White Energy). Hereford, TX Plant	Ethanol from 30% Sorghum, 70% Corn, Wet DGS	ETHGC010	86.93	Y	Posted to Web
US Energy Partners LLC (White Energy). Hereford, TX Plant	Ethanol from 30% Sorghum, 70% Corn, Partially Dry DGS	ETHGC011	89.23	Y	Posted to Web
US Energy Partners LLC (White Energy). Hereford, TX Plant	Ethanol from 30% Sorghum, 70% Corn, Dry DGS	ETHGC012	95.23	Y	Posted to Web
Vitol, Acajutla, El Salvador	Ethanol / Hydrous Brazilian Sugarcane Ethanol, average production process, dehydrated under the CBI	ETHS007	79.11	Y	Posted to Web
Vitol, Acajutla, El Salvador	Ethanol / Hydrous Brazilian Sugarcane Ethanol, average production process, with mechanized harvesting and electricity co-product credit, dehydrated under the CBI	ETHS008	64.11	Y	Posted to Web
Vitol, Acajutla, El Salvador	Ethanol / Hydrous Brazilian Sugarcane Ethanol, average production process, with electricity co-product credit, dehydrated under the CBI	ETHS009	72.11	Y	Posted to Web
WE Hereford, LLC	Texas; Dry Mill; Wet DGS; NG	ETHC078	79.51	Y	Posted to Web
WE Hereford, LLC	Texas; Dry Mill; Modified DGS; NG	ETHC079	83.35	Y	Posted to Web
WE Hereford, LLC	Texas; Dry Mill; Wet DGS; NG	ETHG008	78.76	Y	Posted to Web
WE Hereford, LLC	Texas; Dry Mill; Modified DGS; NG	ETHG009	82.60	Y	Posted to Web
WE Plainview Bioenergy LLC	Midwest Corn; Dry Mill; Wet DGS; NG	ETHC101	81.40	Y	Posted to Web
WE Plainview Bioenergy LLC	Midwest Sorghum; Dry Mill; Wet DGS; Default Lime; NG	ETHG015	79.05	Y	Posted to Web
WE Plainview Bioenergy LLC	Midwest Sorghum; Dry Mill; Wet DGS; No Lime; NG	ETHG016	77.83	Y	Posted to Web

Western Plains Energy , LLC	Midwest Corn; Dry Mill; Wet DGS; 10% Biogas; 90% NG	ETHC089	76.91	Y	Posted to Web
Western Plains Energy , LLC	Midwest Corn; Dry Mill; Wet DGS; 30% Biogas; 70% NG	ETHC090	75.37	Y	Posted to Web
Western Plains Energy , LLC	Kansas Sorghum; Dry Mill; Wet DGS; 10% Biogas; 90% NG	ETHG012	74.88	Y	Posted to Web
Western Plains Energy , LLC	Kansas Sorghum; Dry Mill; Wet DGS; 30% Biogas; 70% NG	ETHG013	73.31	Y	Posted to Web
Western Plains	2A Application: Ethanol from 100% Corn, Dry Mill, 100% biogass, 100% Wet DGS	ETHC073	68.54	Y	Posted to Web
Western Plains	2A Application: Ethanol from 100% Corn, Dry Mill, over 97% biogas, 4% Dry DGS	ETHC074	68.90	Y	Posted to Web
Western Plains	2A Application: Ethanol from 100% Corn, Dry Mill, over 80% biogas, 40% Wet DGS	ETHC075	71.84	Y	Posted to Web
Western Plains	2A Application: Ethanol from 100% Sorghum, Dry Mill, 100% biogas, 100% Wet DGS	ETHG005	66.31	Y	Posted to Web
Western Plains	2A Application: Ethanol from 100% Sorghum, Dry Mill, over 97% biogas, 4% Dry DGS	ETHG006	66.67	Y	Posted to Web
Western Plains	2A Application: Ethanol from 100% Sorghum, Dry Mill, over 80% biogas, 40% Dry DGS	ETHG007	69.61	Y	Posted to Web