

**Summary for
Current LMOP Landfill and LFG Energy Project Database - Operational Projects**

Count of Unique Landfills in this File	Count of Unique Operational Projects in this File
514	564

The LMOP Database contains key information about MSW landfills and LFG energy projects in the United States. Information in the LMOP Database is compiled from a variety of sources. Data received for inclusion in the LMOP Database are reviewed for reasonableness and are corroborated via other data sources when possible. Not all data are updated each year. While the Program strives to keep the information as updated and accurate as possible, the database is not exhaustive. The LMOP Database does not include data for every MSW landfill in the United States.

Descriptions for the Options in the "Current Project Status" Field
Operational: Project or expansion is online
Shutdown: Project or expansion has ceased operations
Construction: Construction is underway on project or expansion
Planned: Planning is underway on project or expansion (between Candidate and Construction)
Future Potential: Landfill is open but does not meet the technical criteria for Candidate status yet; or landfill already has an Operational project but there is opportunity for additional energy recovery.

GHGRP ID	Landfill ID	Landfill Name	State	City	County	Ownership Type	Landfill Owner Organization(s)	Waste in Place (tons)	Waste in Place Year	LFG Collection System in Place?	LFG Collected (mmscfd)	LFG Flared (mmscfd)	Project ID	Current Project Status	Project Name	Project Start Date	Project Type Category	LFG Energy Project Type	RNG Delivery Method	LFG Use Details	Actual MW Generation	Rated MW Capacity	LFG Flow to Project (mmscfd)	End User(s)	Project Developer(s)	Project Owner(s)	Self-Developed	Current Year Emission Reductions (MMTCO2e/yr) - Direct	Current Year Emission Reductions (MMTCO2e/yr) - Avoided
1005195	320	West Contra Costa SLF	CA	Richmond	Contra Costa	Private	Republic Services, Inc.	14,950,000	2006	Yes	2.79		380-0	Operational	Project #1	1/1/1985	Electricity	Reciprocating Engine		(3) Waukesha engines	2			Alameda Municipal Power	West County Energy Recovery Corp.	Republic Services, Inc.	No	0.0904	0.0106
1005195	320	West Contra Costa SLF	CA	Richmond	Contra Costa	Private	Republic Services, Inc.	14,950,000	2006	Yes	2.79		380-1	Operational	Project #1, Expansion #1	1/1/2010	Electricity	Reciprocating Engine		Original (3) Waukesha engines (overhauled multiple times) still in place, original generators have been rebuilt or replaced which increased capacity from 675 kW each to 700-750 kW each	0.15			Alameda Municipal Power	West County Energy Recovery Corp.	Republic Services, Inc.	No	0.0068	0.0008
1005061	214	West Miramar SLF	CA	San Diego	San Diego	Public	United States Navy	43,828,172	2018	Yes	6.77		166990-0	Operational	Project #2 (NCCF)	3/1/1999	Electricity	Reciprocating Engine		(4) 950-kW Caterpillar 3516 engines; most electricity is used on site, balance sold to the grid	3.3	3.8		City of San Diego North City Water Reclamation Plant	Minnesota Methane LLC	Fortistar Methane Group	No	0.1491	0.0174
1005061	214	West Miramar SLF	CA	San Diego	San Diego	Public	United States Navy	43,828,172	2018	Yes	6.77		166990-1	Planned	Project #2 (NCCF), Expansion #1	12/31/2020	Electricity	Reciprocating Engine			1.6	1.6		City of San Diego Metro Biosolids Center; San Diego Gas & Electric Company	Fortistar Methane Group	Fortistar Methane Group	No	0.0000	0.0000
1005061	214	West Miramar SLF	CA	San Diego	San Diego	Public	United States Navy	43,828,172	2018	Yes	6.77		271-0	Operational	Combination Project #1 (MBC Cogen)	6/30/1997	Electricity	Cogeneration		plant with (8) 800-kW Caterpillar 3516 engines produces 6.4 MW of electricity, 10 mmBtu/hr of 180 F water, & 6 mmBtu/hr of chilled water (2.8 MW used onsite, balance sold to the grid)	6.4	6.4	4.41	City of San Diego Metro Biosolids Center; San Diego Gas & Electric Company	Minnesota Methane LLC	Fortistar Methane Group	No	0.2602	0.0304
1005061	214	West Miramar SLF	CA	San Diego	San Diego	Public	United States Navy	43,828,172	2018	Yes	6.77		271-1	Operational	Combination Project #1, Expansion #1 (MP2)	6/14/2012	Electricity	Reciprocating Engine		(2) Caterpillar G3520C engines provide 51% of MCAS' base energy load, new 6.5-mile power line delivers electricity to MCAS	3.2	3.2	1.73	Marine Corp Air Station Miramar (MCASM)	Fortistar Methane Group	Fortistar Methane Group	No	0.1301	0.0152
1006501	247	Western Regional SLF	CA	Lincoln	Placer	Public	Western Placer Waste Management Authority, CA	7,711,744	2018	Yes	2.265		306-0	Operational	Project #1	7/1/2004	Electricity	Reciprocating Engine		2 Caterpillar engines	1.6	1.6		City of Roseville, CA	APTIM; Energy 2001, Inc.		No	0.0723	0.0084
1006501	247	Western Regional SLF	CA	Lincoln	Placer	Public	Western Placer Waste Management Authority, CA	7,711,744	2018	Yes	2.265		306-1	Operational	Project #1, Expansion #1	3/1/2008	Electricity	Reciprocating Engine		1 additional Caterpillar engine	0.8	0.8		City of Roseville, CA	Energy 2001, Inc.		No	0.0361	0.0042
1011371	327	Yolo County Central LF	CA	Woodland	Yolo	Public	Yolo County, CA	8,362,222	2018	Yes	1.364		387-0	Operational	Project #1	3/1/1997	Electricity	Reciprocating Engine		(4) Caterpillar G399 at 600kW each, producing 1,500-2,000 kW with 250 kW parasitic drain	1.75	2.4	1.4	Sacramento Municipal Utility District (SMUD)	NEO Corporation	Yolo County, CA	No	0.0791	0.0092

Current LMOP Landfill and LFG Energy Project Database - Operational Projects (Detailed Version)

Landfill Name	State	Waste in Place (tons)	MSW Landfilled (tons/year)	WIP tons/MSW tons/year	LFG Collected (mmscfd)	CH4 in LFG (tons/year)	LFG Flared (mmscfd)	CH4 in LFG flared (tons/year)	Actual MW Generation	Tons CH4 to electricity	LFG Flow to Projects (mmscfd)	Tons CH4 to projects	Total CH4 tons (LFG flared + LFG to projects)	CH4 tons projects+flare/tons landfilled	Current Project Status	Project Type Category	LFG Energy Project Type	Current Year Emission Reductions (MMTCO2e/yr) - Direct	Current Year Emission Reductions (MMTCO2e/yr) - Avoided
Anchorage Regional Landfill	AK	9,782,936	308,204	32	3.726	14,227		0	5.6	11,200	2.59	9,890	9,890	0.032	Operational	Electricity	Reciprocating Engine	0.2530	0.0295
Advanced Disposal Star Ridge Landfill	AL	4,822,600	228,956		0.873	3,030	0.654	2,270			1.08	3,749	6,019	0.026	Shutdown	Direct	Direct Thermal	0.0000	0.0000
City of Decatur-Morgan County Regional MSW Landfill	AL	5,883,315	213,215	28	0.731	2,791		0	0.8	1,600	0.4	1,527	1,527	0.007	Operational	Electricity	Reciprocating Engine	0.0361	0.0042
Sand Valley Landfill	AL	8,821,680	456,993	19	2.482	9,477		0	4.8	9,600		9,600	9,600	0.021	Operational	Electricity	Reciprocating Engine	0.2169	0.0253
Scottsboro Landfill	AL	999,343	30,566	33	0.229	874		0	0.45	900		900	900	0.029	Operational	Electricity	Reciprocating Engine	0.0203	0.0024
Eco-Vista Landfill	AR	8,917,277	523,489	17	2.181	8,328	0.000	0	3.8	7,600	2.086	7,965	7,965	0.015	Operational	Electricity	Reciprocating Engine	0.1717	0.0201
Fort Smith SLF	AR	9,783,990	241,255	41	4.325	16,515	0.000	0		-	2.64	10,081	10,081	0.042	Operational	Renewable Natural Gas	Vehicle Fuel	0.2311	0.0208
Two Pine Landfill	AR	13,215,330	452,831	29	2.234	8,530		0	3.75	7,500		7,500	7,500	0.017	Operational	Electricity	Reciprocating Engine	0.1694	0.0198
City of Glendale Municipal Landfill	AZ	10,737,184	523,489	21	1.507	5,754		0	2.8	5,600		5,600	5,600	0.011	Operational	Electricity	Reciprocating Engine	0.1265	0.0148
Northwest Regional MSW Landfill	AZ	20,117,184	906,350	22	2.445	9,336		0	2.6	5,200	1.24	4,735	4,735	0.005	Operational	Electricity	Reciprocating Engine	0.1175	0.0137
Acme LF	CA	10,800,000	540,000	20	1.8	6,873		0	1.9	3,800		3,800	3,800	0.007	Operational	Electricity	Cogeneration	0.0858	0.0100
Altamont Landfill & Resource Recovery Facility	CA	62,224,563	1,093,632	57	6.96	26,576		0		-	3.47	13,250	13,250	0.012	Operational	Renewable Natural Gas	Vehicle Fuel	0.3038	0.0274
BKK Landfill-Phases I & II	CA	49,245,368	2,456,370	20	11.904	45,454	0.546	2,085	6	12,000		12,000	14,085	0.006	Operational	Electricity	Steam Turbine	0.2711	0.0317
Buena Vista Drive SLF	CA	4,111,415	105,869	39	1.532	5,850		0	3.18	6,360	1.54	5,880	5,880	0.056	Operational	Electricity	Reciprocating Engine	0.1437	0.0168
Burbank LF Site No. 3	CA	2,000,000	40,722	49	0.543	2,073		0	0.55	1,100		1,100	1,100	0.027	Operational	Electricity	Microturbine	0.0249	0.0029
Calabasas SLF	CA	27,174,083	406,437	67	5.654	19,627		0	4.5	9,000	5.6	9,000	9,000	0.022	Shutdown	Electricity	Gas Turbine	0.0000	0.0000
Chiquita Canyon SLF	CA	40,308,159	1,491,779	27	10.817	41,304	4.789	18,286	6	12,000	3.9	14,892	33,178	0.022	Operational	Electricity	Gas Turbine	0.2711	0.0317
City of Santa Cruz SLF	CA	3,024,722	55,880	54	0.801	3,059		0	1.6	3,200		3,200	3,200	0.057	Operational	Electricity	Reciprocating Engine	0.0723	0.0084
Clover Flat Landfill	CA		210,000	0	0.387	1,478		0	0.75	1,500	0.35	1,336	1,336	0.006	Operational	Electricity	Reciprocating Engine	0.0339	0.0040
Cold Canyon LF Solid Waste Disposal Site	CA	6,317,091	170,123	37	1.504	5,743		0		-	1.008	3,849	3,849	0.023	Operational	Direct	Boiler	0.0882	0.0087
Foothill Sanitary Landfill, Inc.	CA	5,599,948	289,351	19	2.16	8,248		0	3.36	6,720	1.58	6,033	6,033	0.021	Operational	Electricity	Reciprocating Engine	0.1518	0.0177

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3/6/2020

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Forward Landfill	CA	27,029,334	897,932	30	5.257	20,073	4.094	15,633	3.4	6,800	1.55	5,919	21,551	0.024	Operational	Electricity	Reciprocating Engine	0.1536	0.0179
Frank R. Bowerman SLF	CA	54,928,377	2,461,277	22	15.12	57,734	4.370	16,686	22.4	44,800	10.75	41,048	57,734	0.023	Operational	Electricity	Reciprocating Engine	1.0120	0.1182
Johnson Canyon SLF	CA	3,102,622	208,221	15	1.67	6,377	0.980	3,742	1.4	2,800	0.53	2,024	5,766	0.028	Operational	Electricity	Reciprocating Engine	0.0633	0.0074
Keller Canyon LF	CA	19,935,762	1,123,208	18	5.847	22,326	4.022	15,358	3.8	7,600	1.63	6,224	21,582	0.019	Operational	Electricity	Reciprocating Engine	0.1717	0.0201
Kiefer LF	CA	30,557,161	884,528	35	9.025	34,461	1.073	4,097	7.26	14,520	4.56	17,412	21,509	0.024	Operational	Electricity	Reciprocating Engine	0.3280	0.0383
Monterey Peninsula SLF	CA	11,823,644	602,112	20	2.412	8,373		0	1.2	2,400		2,400	2,400	0.004	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Neal Road Recycling and Waste Facility	CA	6,050,515	192,133	31	1.519	5,800		0	1.4	2,800	0.85	3,246	3,246	0.017	Operational	Electricity	Reciprocating Engine	0.0633	0.0074
North Miramar SLF	CA		627,380	0			0.270	1,031	3.2	6,400	1.73	6,606	7,637	0.012	Operational	Electricity	Reciprocating Engine	0.0145	0.0017
Olinda Alpha SLF	CA	83,988,930	2,815,733	30	13.165	50,269	0.865	3,303	23.4	46,800	10.6	40,475	43,778	0.016	Operational	Electricity	Combined Cycle	1.0572	0.1235
Orange Avenue Disposal Inc.	CA	1,000,000	529,878	2	0.216	825		0	0.22	440		440	440	0.001	Operational	Electricity	Reciprocating Engine	0.0099	0.0012
Otay LF	CA	39,827,486	1,619,867	25	5.7	21,765		0	1.8	3,600		3,600	3,600	0.002	Operational	Electricity	Reciprocating Engine	0.0813	0.0095
Ox Mountain SLF	CA	34,067,875	1,197,053	28	6.316	24,117		0	9.7	19,400	4.8	18,328	18,328	0.015	Operational	Electricity	Reciprocating Engine	0.4383	0.0512
Potrero Hills SLF	CA	18,552,642	1,195,731	16	5.04	19,245		0	7.12	14,240	3.3	12,601	12,601	0.011	Operational	Electricity	Reciprocating Engine	0.3217	0.0376
Prima Deshecha SLF	CA	22,331,121	576,662	39	4.32	16,495	1.080	4,124	5.5	11,000	3.24	12,372	16,495	0.029	Operational	Electricity	Reciprocating Engine	0.2485	0.0290
Recology Hay Road LF	CA	6,506,130	698,308	9	1.679	6,411		0	1.6	3,200	1.05	4,008	4,008	0.006	Operational	Electricity	Reciprocating Engine	0.0723	0.0084
Recology Ostrom Road LF	CA	5,083,592	249,062	20	2.004	7,652		0	1.6	3,200	0.998	3,810	3,810	0.015	Operational	Electricity	Reciprocating Engine	0.0723	0.0084
Redwood SLF	CA	15,768,857	437,994	36	3.806	14,533	2.026	7,736	3.3	6,600	1.78	6,797	14,533	0.033	Operational	Electricity	Reciprocating Engine	0.1491	0.0174
Santa Maria Regional Landfill	CA	5,817,495	112,182	52	0.994	3,795	0.242	924	1	2,000	0.432	1,650	2,574	0.023	Operational	Electricity	Cogeneration	0.0452	0.0053
Savage Canyon LF	CA	4,291,008	88,571	48	0.719	2,745	0.299	1,142	1.1	2,200	0.42	1,604	2,745	0.031	Operational	Electricity	Cogeneration	0.0497	0.0058
Sonoma County Central Disposal Site	CA	15,148,749	655,796	23	2.332	8,095	1.332	4,624	3.2	6,400	1.38	4,790	9,414	0.014	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Sonoma County Central Disposal Site	CA		337,517	0	2.332	8,904	1.332	5,086	2.53	5,060	1.61	6,148	11,234	0.033	Operational	Electricity	Reciprocating Engine	0.1143	0.0134
Sunshine Canyon Landfill	CA	62,900,800	2,018,882	31	27.084	103,417		0	20	40,000	12	45,821	45,821	0.023	Operational	Electricity	Gas Turbine	0.9036	0.1055
Sycamore SLF	CA	30,161,247	988,474	31	4.642	16,114	1.472	5,110	1.48	2,960		2,960	8,070	0.008	Shutdown	Electricity	Gas Turbine	0.0000	0.0000
Sycamore SLF	CA		973,826	0	4.642	17,725	1.472	5,621	2.5	5,000		5,000	10,621	0.011	Operational	Electricity	Gas Turbine	0.1130	0.0132
Tajiguas SLF	CA	11,999,911	214,890	56	1.82	6,949	0.316	1,207	3.1	6,200	1.5	5,728	6,934	0.032	Operational	Electricity	Reciprocating Engine	0.1401	0.0164

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Toland Road SLF	CA	9,263,676	425,051	22	1,902	7,263		0	0.07	140		140	140	0.000	Operational	Electricity	Microturbine	0.0032	0.0004
University of California at Davis SLF	CA	534,000	12,904	41		0		0	0.14	280		280	280	0.022	Operational	Electricity	Cogeneration	0.0063	0.0007
Vasco Road SLF	CA	27,067,777	774,529	35	2,516	9,607		0	4.3	8,600	2.04	7,790	7,790	0.010	Operational	Electricity	Reciprocating Engine	0.1943	0.0227
West Contra Costa SLF	CA	14,950,000	296,676	50	2.79	10,653		0	2	4,000		4000	4,000	0.013	Operational	Electricity	Reciprocating Engine	0.0904	0.0106
West Miramar SLF	CA	43,828,172	868,432	50	6.77	25,851		0	3.3	6,600		6600	6,600	0.008	Operational	Electricity	Reciprocating Engine	0.1491	0.0174
Western Regional SLF	CA	7,711,744	283,532	27	2.265	8,649		0	1.6	3,200		3200	3,200	0.011	Operational	Electricity	Reciprocating Engine	0.0723	0.0084
Yolo County Central LF	CA	8,362,222	204,412	41	1.364	5,208		0	1.75	3,500	1.4	5,346	5,346	0.026	Operational	Electricity	Reciprocating Engine	0.0791	0.0092
Denver Arapahoe Disposal Site (DADS)	CO	69,077,355	2,902,454	24	4.075	15,560		0	2.4	4,800	1.5	5,728	5,728	0.002	Operational	Electricity	Reciprocating Engine	0.1084	0.0127
Front Range Landfill	CO	16,098,136	1,845,129	9	0.93	3,551		0	3.2	6,400	1.5	5,728	5,728	0.003	Operational	Electricity	Reciprocating Engine	0.0482	0.0056
Cherry Island Landfill	DE	15,772,963	440,773	36	4.351	16,614	0.576	2,199	2.2	4,400	2.45	9,355	11,554	0.026	Operational	Electricity	Cogeneration	0.0994	0.0116
Jones Crossroads Landfill	DE	6,519,655	250,474	26	3.16	12,066		0	3.29	6,580	1.8	6,873	6,873	0.027	Operational	Electricity	Reciprocating Engine	0.1486	0.0174
Sandtown Landfill	DE	5,969,167	214,363	28	2.84	10,844		0	3.18	6,360	1.13	4,315	4,315	0.020	Operational	Electricity	Reciprocating Engine	0.1437	0.0168
Baseline Landfill	FL	5,264,479	148,692	35	1.575	6,014	0.000	0	2.4	4,800	1.28	4,888	4,888	0.033	Operational	Electricity	Reciprocating Engine	0.1084	0.0127
Brevard County Central Disposal Facility	FL	20,498,905	684,991	30	4.752	18,145	0.000	0	6.4	12,800	3.168	12,097	12,097	0.018	Operational	Electricity	Reciprocating Engine	0.2892	0.0338
Central County Solid Waste Disposal Complex	FL	5,714,028	301,075	19	2.69	10,271		0	3.78	7,560	2.03	7,751	7,751	0.026	Operational	Electricity	Reciprocating Engine	0.1708	0.0199
Collier County Landfill	FL	8,181,558	275,940	30	3.17	11,004		0	3.12	6,240		6,240	6,240	0.023	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Hernando County Northwest Landfill	FL	2,444,209	133,934	18	0.76	2,913	0.103	393	1.23	2,460	0.66	2,520	2,913	0.022	Operational	Electricity	Reciprocating Engine	0.0556	0.0065
J.E.D. Solid Waste Management Facility	FL	22,530,022	1,812,868	12	4.325	16,515	0.175	668	6.35	12,700	4.15	15,846	16,515	0.009	Operational	Electricity	Reciprocating Engine	0.2869	0.0335
Lena Road Class I Landfill	FL	11,143,422	318,630	35	2.26	8,630		0		-	0.86	3,284	3,284	0.010	Operational	Direct	Direct Thermal	0.0753	0.0074
Orange County SLF	FL	31,963,906	964,041	33	5.81	20,168	0.180	625	12.4		5.76	19,994	20,619	0.021	Shutdown	Electricity	Steam Turbine	0.0000	0.0000

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Osceola Landfill	FL	10,137,505	378,919	27	1.169	4,464		0	2	4,000	1.169	4,464	4,464	0.012	Operational	Electricity	Reciprocating Engine	0.0904	0.0106
PBCSWA RRF Site #7	FL	17,525,584	675,736	26	3.616	13,807		0		-	1.08	4,124	4,124	0.006	Operational	Direct	Direct Thermal	0.0946	0.0093
Perdido LF	FL	11,101,603	184,950	60	2.246	8,576	0.090	344	3.2	6,400	1.73	6,606	6,949	0.038	Operational	Electricity	Reciprocating Engine	0.1446	0.0169
Springhill Regional Landfill	FL	13,915,568	679,093	20	2.677	10,222	0.000	0	3.37	6,740	1.86	7,102	7,102	0.010	Operational	Electricity	Reciprocating Engine	0.1523	0.0178
St. Lucie County Baling and Recycling Facility	FL	7,471,169	211,703	35	1.156	4,013		0	1.6	3,200	0.86	2,985	2,985	0.014	Shutdown	Electricity	Cogeneration	0.0000	0.0000
Trail Ridge Landfill Inc.	FL	20,407,013	876,220	23	3.497	12,139	0.010	35	7.72		4.4	15,274	15,308	0.017	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Zemel Road Landfill	FL	4,697,469	135,642	35	1.224	4,674		0	2.8	5,600		5,600	5,600	0.041	Operational	Electricity	Reciprocating Engine	0.1265	0.0148
Advanced Disposal Services Evergreen Landfill, Inc.	GA	12,280,190	419,051	29	2.626	10,027		0	4.8	9,600		9,600	9,600	0.023	Operational	Electricity	Reciprocating Engine	0.2169	0.0253
Athens-Clarke County Landfill	GA	3,247,051	88,629	37	0.51	1,947	0.010	38	0.97	1,940	0.5	1,909	1,947	0.022	Operational	Electricity	Reciprocating Engine	0.0438	0.0051
Deans Bridge Road MSWLF	GA	8,634,032	390,249	22	1.79	6,816	0.829	3,166		-	0.96	3,666	6,831	0.018	Operational	Direct	Direct Thermal	0.0840	0.0083
Dougherty County Fleming/Gaissert Road LF	GA	4,449,348	120,923	37	0.811	3,097		0	1.9	3,800	0.79	3,017	3,017	0.025	Operational	Electricity	Cogeneration	0.0858	0.0100
Hickory Ridge Landfill	GA	6,019,883	149,442	40	1.597	6,098		0	6.5	13,000	3.17	12,104	12,104	0.081	Operational	Electricity	Cogeneration	0.2937	0.0343
Macon Bibb Walker Road MSWL	GA	4,359,271	39,876	109	2.016	6,998	1.096	3,805			1.3	4,513	8,317	0.209	Shutdown	Direct	Direct Thermal	0.0000	0.0000
Old Dixie Highway MSW Landfill	GA	5,996,402	202,392	30	2.23	7,741		0			1.296	4,499	4,499	0.022	Shutdown	Direct	Boiler	0.0000	0.0000
Pine Ridge Landfill	GA	21,703,133	835,502	26	4.745	18,118		0	6.5	13,000	3.24	12,372	12,372	0.015	Operational	Electricity	Reciprocating Engine	0.2937	0.0343
Richland Creek Road Landfill	GA	18,159,418	760,833	24	4.817	18,393		0	10.88	21,760	5.1	19,474	19,474	0.026	Operational	Electricity	Reciprocating Engine	0.4916	0.0574
Seminole Road MSW Landfill	GA	13,554,600	468,569	29	3.168	12,097	0.792	3,024		-	0.198	756	3,780	0.008	Operational	Renewable Natural Gas	Vehicle Fuel	0.0173	0.0016
SR247 MSW Landfill	GA	3,500,146	108,678	32	1.5	5,728		0	3	6,000		6,000	6,000	0.055	Operational	Electricity	Reciprocating Engine	0.1355	0.0158
Superior Landfill & Recycling Center	GA	9,886,503	716,800	14	2.797	10,680	0.000	0	4.56	9,120	2.797	10,680	10,680	0.015	Operational	Electricity	Reciprocating Engine	0.2060	0.0241
WI Taylor County Disposal, LLC	GA	16,760,820	421,780	40	4.608	17,595	0.000	0	3	6,000	1.37	5,231	5,231	0.012	Operational	Electricity	Reciprocating Engine	0.1355	0.0158

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Wolf Creek Landfill, LLC	GA	5,772,594	483,209	12	2,154	8,225		0	2.8	5,600	1,238	4,727	4,727	0.010	Operational	Electricity	Reciprocating Engine	0.1265	0.0148
Cedar Rapids Linn County Solid Waste Landfill #2	IA	3,641,851	176,722	21	0,499	1,905		0	1.6	3,200		3,200	3,200	0.018	Operational	Electricity	Cogeneration	0.0723	0.0084
Central Disposal Landfill	IA	5,940,735	104,908	57	2.6	9,025	0.000	0	4.5	9,000		9,000	9,000	0.086	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Des Moines County Regional Sanitary Landfill	IA	2,815,320	53,121	53	0.144	550		0		-	0.144	550	550	0.010	Operational	Direct	Leachate Evaporation	0.0126	0.0012
Metro Park East Landfill	IA	19,785,747	718,595	28	6,499	24,816		0	6.16	12,320	3.5	13,364	13,364	0.019	Operational	Electricity	Reciprocating Engine	0.2783	0.0325
Ada County Landfill	ID	14,706,760	512,141	29	4,286	16,366	2,486	9,493	2.4	4,800	1.43	5,460	14,953	0.029	Operational	Electricity	Reciprocating Engine	0.1084	0.0127
Fighting Creek Farm Landfill	ID	3,169,217	835,502	4	1.35	5,155		0	1.3	2,600	0.69	2,635	2,635	0.003	Operational	Electricity	Reciprocating Engine	0.0587	0.0069
Fort Hall Mine Landfill	ID	3,407,622	104,136	33	0,656	2,505		0	1.2	2,400		2,400	2,400	0.023	Operational	Electricity	Reciprocating Engine	0.0542	0.0063
Milner Butte Landfill	ID	4,227,349	244,823	17	0,717	2,738		0	1.55	3,100		3,100	3,100	0.013	Operational	Electricity	Reciprocating Engine	0.0700	0.0082
Advanced Disposal Zion Landfill	IL	21,820,693	762,310	29	7,023	26,817		0	5.4	10,800	2.9	11,073	11,073	0.015	Operational	Electricity	Reciprocating Engine	0.2440	0.0285
CDT LF	IL	1,596,000	504,119	3	0.5	1,909		0	1.6	3,200		3,200	3,200	0.006	Operational	Electricity	Reciprocating Engine	0.0723	0.0084
Clinton Landfill Inc.	IL	8,200,462	332,188	25	1,872	7,148	0.864	3,299	2.3	4,600	1,008	3,849	7,148	0.022	Operational	Electricity	Reciprocating Engine	0.1039	0.0121
Countryside LF	IL	15,569,533	336,648	46	5.92	20,550		0	5.54	11,080		11,080	11,080	0.033	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Five Oaks RDF	IL	13,104,852	152,210	86	4,3278	16,525		0	2.7	5,400	1,728	6,598	6,598	0.043	Operational	Electricity	Cogeneration	0.1220	0.0142
Livingston LF	IL	52,839,681	1,130,286	47	9,658	33,525		0	15.6	31,200		31,700	31,700	0.028	Shutdown	Electricity	Gas Turbine	0.0000	0.0000
Milam Recycling and Disposal Facility	IL	29,095,849	1,021,576	28	4,296	16,404	1,516	5,789		-	3.25	12,410	18,198	0.018	Operational	Renewable Natural Gas	Vehicle Fuel	0.2845	0.0256
Prairie View RDF	IL	10,510,182	770,462	14	4,252	16,236	2,102	8,026	4.4	8,800	2.15	8,210	16,236	0.021	Operational	Electricity	Reciprocating Engine	0.1988	0.0232
Rochelle Municipal #2	IL	4,854,114	135,664	36	1,72	6,568		0	4.8	9,600	1,72	6,568	6,568	0.048	Operational	Electricity	Reciprocating Engine	0.2169	0.0253
Advanced Disposal Blackfoot Landfill	IN	10,637,728	517,556	21	1	3,818	0.000	0	3.2	6,400	1	3,818	3,818	0.007	Operational	Electricity	Reciprocating Engine	0.1446	0.0169
Clark-Floyd LF	IN	7,938,559	339,067	23	1,451	5,540		0	2.14	4,280	1,152	4,399	4,399	0.013	Operational	Electricity	Reciprocating Engine	0.0967	0.0113
County Line LF	IN	15,867,880	282,485	56	3,643	13,910	0,653	2,493	5.33	10,660	2.7	10,310	12,803	0.045	Operational	Electricity	Reciprocating Engine	0.2408	0.0281
Earthmovers LF	IN	9,531,568	282,772	34	3,493	13,338		0	4.4	8,800		8,800	8,800	0.031	Operational	Electricity	Reciprocating Engine	0.1988	0.0232
Eikhart County Landfill	IN	8,005,460	179,810	45	1,131	4,319		0		-	0.346	1,321	1,321	0.007	Operational	Direct	Boiler	0.0303	0.0030

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Jay County LF	IN	5,606,478	165,507	34	1,402	4,867		0	1.73	3,460		3,460	3,460	0.021	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Laubscher Meadows LF	IN	16,055,231	234,953	68	2,448	9,347	0.288	1,100		-	2.16	8,248	9,347	0.040	Operational	Direct	Boiler	0.1891	0.0187
Liberty Landfill	IN	20,488,223	1,338,389	15	7,063	26,969		0	3	6,000		6,000	6,000	0.004	Operational	Electricity	Reciprocating Engine	0.1355	0.0158
National Serv-All LF	IN	20,252,881	711,939	28	6.68	25,494	1.711	6,534		-	2.52	9,622	16,157	0.023	Operational	Direct	Boiler	0.2206	0.0218
Newton County Landfill	IN	49,404,865	2,474,239	20	10,769	41,120		0		-	1.152	4,399	4,399	0.002	Operational	Direct	Direct Thermal	0.1009	0.0100
Oak Ridge RDF	IN	7,897,850	212,258	37	1,424	5,437	0.000	0	2.67	5,340	1,424	5,437	5,437	0.026	Operational	Electricity	Reciprocating Engine	0.1206	0.0141
Prairie View RDF	IN	12,503,042	435,140	29	2,544	9,714	0.061	233	2.85	5,700	1,505	5,747	5,980	0.014	Operational	Electricity	Reciprocating Engine	0.1288	0.0150
Randolph Farms LF	IN	8,772,297	379,529	23	1,578	6,025	1.290	4,926		-	0.288	1,100	6,025	0.016	Operational	Renewable Natural Gas	Vehicle Fuel	0.0252	0.0023
South Side Landfill Inc.	IN	22,748,275	1,122,838	20	7.2	27,492	0.000	0		-	2.4	9,164	9,164	0.008	Operational	Direct	Boiler	0.2101	0.0207
Sycamore Ridge Landfill & Victory Landfill	IN	16,087,802	512,782	31	2,429	9,275	1.816	6,934		-	1	3,818	10,753	0.021	Operational	Direct	Direct Thermal	0.0875	0.0086
Twin Bridges RDF	IN	27,860,712	832,039	33	6,475.1	22,477	2.560	8,887	3	6,000	1.61	5,589	14,475	0.017	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Allen County LF	KS	1,310,009	60,967	21	0.221	844	0.171	653		-	0.05	192	845	0.014	Operational	Direct	Direct Thermal	0.0044	0.0004
Hamm SLF	KS	10,428,871	390,340	27	1,958	7,476		0		-	1.96	7,484	7,484	0.019	Operational	Renewable Natural Gas	Vehicle Fuel	0.1716	0.0155
Johnson County LF	KS	41,635,199	1,286,177	32	8,905	34,003	1.905	7,274		-	4.9	18,710	25,984	0.020	Operational	Renewable Natural Gas	Vehicle Fuel	0.4290	0.0387
Oak Grove Landfill	KS	4,001,602	250,261	16	1,583	6,045	0.313	1,195	1.29	2,580	0.715	2,730	3,925	0.016	Operational	Electricity	Reciprocating Engine	0.0583	0.0068
Rolling Meadows LF	KS	10,292,722	233,568	44	2,864	10,936	0.026	99	5.4	10,800	2.85	10,882	10,982	0.047	Operational	Electricity	Reciprocating Engine	0.2440	0.0285
Seward County Landfill	KS	2,163,910	102,524	21	0.1	382		0		-	0.1	382	382	0.004	Operational	Direct	Boiler	0.0088	0.0009
Advanced Disposal Morehead Landfill Inc.	KY	2,313,352	71,133	33	0.61	2,329	0.610	2,329	1.28	2,560		0	2,329	0.033	Operational	Electricity	Reciprocating Engine	0.0578	0.0068
Bavarian Trucking Company LF	KY	7,570,707	438,924	17	3,456	13,196	1.010	3,857	3.2	6,400	1.666	6,361	10,218	0.023	Operational	Electricity	Reciprocating Engine	0.1446	0.0169
Blue Ridge RDF	KY	4,212,096	115,361	37	1,011	3,860		0	0.8	1,600		1,600	1,600	0.014	Operational	Electricity	Reciprocating Engine	0.0361	0.0042
Central Kentucky Landfill	KY	2,718,004	358,429	8	0.403	1,539		0	0.61	1,220		1,220	1,220	0.003	Operational	Electricity	Reciprocating Engine	0.0276	0.0032
Glasgow Regional Landfill	KY	2,495,062	106,670	23	0.233	890		0	1	2,000	0.442	1,688	1,688	0.016	Operational	Electricity	Reciprocating Engine	0.0452	0.0053

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Green Valley Landfill	KY	6,326,911	213,912	30	1,298	4,956	0.273	1,042	2.4	4,800	1.025	3,914	4,956	0.023	Operational	Electricity	Reciprocating Engine	0.1084	0.0127
Hardin County Landfill	KY	4,193,924	162,663	26	0.685	2,616		0	2.4	4,800	1.065	4,067	4,067	0.025	Operational	Electricity	Reciprocating Engine	0.1084	0.0127
Laurel Ridge Landfill Inc.	KY	7,421,195	324,136	23	1.809	6,907		0	2.35	4,700	1.19	4,544	4,544	0.014	Operational	Electricity	Reciprocating Engine	0.1062	0.0124
Outer Loop RDF	KY	35,678,903	1,162,169	31	5.703	21,776	0.000	0		-	5.65	21,574	21,574	0.019	Operational	Renewable Natural Gas	Vehicle Fuel	0.4946	0.0446
Rumpke/Pendleton County LF	KY	6,511,889	307,664	21	1.59	6,071		0	3.2	6,400	1.521	5,808	5,808	0.019	Operational	Electricity	Reciprocating Engine	0.1446	0.0169
EBR Parish North Landfill	LA	11,485,777	509,905	23	3.123	11,925		0		-	3.6	13,746	13,746	0.027	Operational	Direct	Boiler	0.3152	0.0311
Jefferson Davis Parish Landfill	LA	10,753,919	355,541	30	3.108	11,868	0.000	0		-	1.76	6,720	6,720	0.019	Operational	Renewable Natural Gas	Vehicle Fuel	0.1541	0.0139
Jefferson Parish SLF	LA	14,951,230	379,605	39	1.809	6,280		0			2.62	6,400	6,400	0.017	Shutdown	Direct	Direct Thermal	0.0000	0.0000
River Birch Landfill	LA	22,092,392	1,190,081	19	8.393	32,048		0		-	5.76	21,994	21,994	0.018	Operational	Renewable Natural Gas	Vehicle Fuel	0.5042	0.0455
St. Landry Parish LF	LA	2,750,000	101,699	27	0.358	1,367	0.288	1,100		-	0.07	267	1,367	0.013	Operational	Renewable Natural Gas	Vehicle Fuel	0.0061	0.0006
Woolworth Road Landfill	LA	11,152,610	370,235	30	2.95	11,264	0.000	0		-	2.95	11,264	11,264	0.030	Operational	Renewable Natural Gas	Vehicle Fuel	0.2583	0.0233
Crapo Hill LF	MA	1,807,000	101,426	18	1.656	6,323	0.000	0	3.2	6,400	1.656	6,323	6,323	0.062	Operational	Electricity	Reciprocating Engine	0.1446	0.0169
Fitchburg-Westminster LF	MA	12,401,952	596,501	21	3.247	12,398		0	2.68	5,360	1.36	5,193	5,193	0.009	Operational	Electricity	Reciprocating Engine	0.1211	0.0141
Haverhill Landfill	MA	7,621,663	138,717	55	0.72	2,749		0	1.6	3,200		3,299	3,299	0.024	Operational	Electricity	Reciprocating Engine	0.0723	0.0084
Taunton SLF	MA	3,822,183	243,795	16	1.51	5,766		0	1.55	3,100		3,100	3,100	0.013	Operational	Electricity	Reciprocating Engine	0.0700	0.0082
Brown Station Road Sanitary Landfill	MD	18,005,063	291,409	62	4.81	16,697	0.396	1,375	2.55	5,100	1.33	4,617	5,991	0.021	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Eastern Sanitary Landfill Solid Waste Management Facility (ESL)	MD	6,587,729	142,951	46	1.218	4,651	0.568	2,169	1.68	3,360	1.18	4,506	6,675	0.047	Operational	Electricity	Reciprocating Engine	0.0759	0.0089
Millersville SLF	MD	8,284,733	150,941	55	1.814	6,927	0.074	283	3	6,000	1.74	6,644	6,927	0.046	Operational	Electricity	Reciprocating Engine	0.1355	0.0158
Newland Park SLF	MD	3,589,673	133,377	27	0.842	3,215		0	1.32	2,640	0.7	2,673	2,673	0.020	Operational	Electricity	Reciprocating Engine	0.0596	0.0070
Quarantine Road SLF	MD	10,632,202	127,942	83	0.769	2,936		0	1.5	3,000	0.864	3,299	3,299	0.026	Operational	Electricity	Cogeneration	0.0678	0.0079
Crossroads LF	ME	9,319,120	447,324	21	1.294	4,941	0.000	0	2.6	5,200		5,200	5,200	0.012	Operational	Electricity	Reciprocating Engine	0.1175	0.0137

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Hatch Hill LF	ME	1,100,000	36,600	30	0.22	840	0.220	840	0.55	1,100		1,100	1,940	0.053	Operational	Electricity	Reciprocating Engine	0.0249	0.0029
Adrian Landfill	MI	7,911,557	92,087	86	1.06	4,047	0.004	15	1.95	3,900	1.25	4,773	4,788	0.052	Operational	Electricity	Reciprocating Engine	0.0881	0.0103
Advanced Disposal Arbor Hills Landfill Inc.	MI	63,745,750	2,187,455	29	13.181	50,330		0	23.5	47,000		47,000	47,000	0.021	Operational	Electricity	Combined Cycle	1.0617	0.1240
Autumn Hills Recycling & Disposal Facility	MI	13,152,374	481,188	27	3.161	12,070		0		-	0.5	1,909	1,909	0.004	Operational	Direct	Boiler	0.0438	0.0043
Brent Run Landfill	MI	16,586,470	1,134,263	15	3.238	12,364		0	1.6	3,200	0.86	3,284	3,284	0.003	Operational	Electricity	Reciprocating Engine	0.0723	0.0084
C&C Landfill	MI	15,076,766	482,745	31	3.8	14,510		0	2.7	5,400		5,400	5,400	0.011	Operational	Electricity	Reciprocating Engine	0.1220	0.0142
Carleton Farms Landfill	MI	47,632,539	2,416,487	20	6.41	24,476	0.650	2,482	4	8,000		8,000	10,482	0.004	Operational	Electricity	Reciprocating Engine	0.1807	0.0211
Central Sanitary Landfill, Inc.	MI	7,740,941	232,423	33	1.296	4,949		0	2.4	4,800		4,800	4,800	0.021	Operational	Electricity	Reciprocating Engine	0.1084	0.0127
Citizens Disposal Landfill	MI	14,415,359	594,516	24	3.912	14,938		0	2.4	4,800	1.296	4,949	4,949	0.008	Operational	Electricity	Cogeneration	0.1084	0.0127
City of Midland Sanitary LF	MI	9,449,374	147,834	64	0.58	2,215		0	1.3	2,600		2,600	2,600	0.018	Operational	Electricity	Cogeneration	0.0587	0.0069
Eagle Valley RDF	MI	12,035,825	600,722	20	5.269	20,119		0		-	2.16	8,248	8,248	0.014	Operational	Direct	Boiler	0.0946	0.0093
Granger Wood Street Landfill	MI	12,828,933	502,286	26	4.279	16,339		0	1.6	3,200	0.864	3,299	3,299	0.007	Operational	Electricity	Reciprocating Engine	0.0723	0.0084
Kent County - South Kent LF	MI	7,855,798	380,363	21	1.512	5,773		0	3.2	6,400	1.296	4,949	4,949	0.013	Operational	Electricity	Reciprocating Engine	0.1446	0.0169
Muskegon County SWF	MI	3,077,342	176,933	17	0.864	3,299		0		-	0.432	1,650	1,650	0.009	Operational	Direct	Direct Thermal	0.0378	0.0037
Northern Oaks Recycling & Disposal Facility	MI	4,132,715	114,796	36	1.282	4,895		0		-	0.51	1,947	1,947	0.017	Operational	Direct	Leachate Evaporation	0.0447	0.0044
Oakland Heights Development Landfill	MI	17,544,236	305,964	57	4.876	18,618	3.030	11,570		-	2.16	8,248	19,817	0.065	Operational	Direct	Boiler	0.0946	0.0093
Orchard Hill SLF	MI	5,660,027	224,028	25	1.844	7,041		0		-	0.36	1,375	1,375	0.006	Operational	Direct	Leachate Evaporation	0.0315	0.0031
Ottawa County Farms Landfill	MI	26,849,681	897,978	30	2.521	8,751	0.000	0	4.5		2.24	7,776	7,776	0.009	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
People's Landfill, Inc.	MI	11,136,855	305,964	36	1.934	7,385		0	1.17	2,340		2,340	2,340	0.008	Operational	Electricity	Reciprocating Engine	0.0264	0.0031
Pine Tree Acres LF Inc.	MI	41,782,137	2,085,849	20	14	53,458		0	3.9	7,800	2	7,637	7,637	0.004	Operational	Electricity	Reciprocating Engine	0.1762	0.0206
Riverview Land Preserve	MI	22,217,089	656,271	34	6.503	24,831		0	6.6	13,200	4.9	18,710	18,710	0.029	Operational	Electricity	Gas Turbine	0.2982	0.0348
Sauk Trail Hills Landfill	MI	23,109,103	650,000	36	4.6	17,565		0		-	4.6	17,565	17,565	0.027	Operational	Renewable Natural Gas	Vehicle Fuel	0.4027	0.0363
Smiths Creek Landfill	MI	8,683,439	410,098	21	1.9	7,255		0	3.2	6,400	1.9	7,255	7,255	0.018	Operational	Electricity	Reciprocating Engine	0.1446	0.0169

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Southeast Berrien County Landfill	MI	6,130,397	242,602	25	1,439	5,495	0.059	225	2.9	5,800	1.38	5,269	5,495	0.023	Operational	Electricity	Reciprocating Engine	0.1310	0.0153
Venice Park Recycling & Disposal Facility	MI	10,790,364	231,293	47	3.93	15,006		0	1.5	3,000	0.88	3,360	3,360	0.015	Operational	Electricity	Reciprocating Engine	0.0678	0.0079
Vienna Junction Landfill	MI	20,894,771	594,148	35	1.775	6,778	1.736	6,629		-	0.864	3,299	9,928	0.017	Operational	Direct	Boiler	0.0756	0.0075
Waters Landfill	MI	5,465,520	120,580	45	1.39	5,308		0		-	0.54	2,062	2,062	0.017	Operational	Direct	Leachate Evaporation	0.0473	0.0047
Westside Recycling and Disposal Facility	MI	13,135,390	387,335	34	1.892	7,224		0		-	1.75	6,682	6,682	0.017	Operational	Renewable Natural Gas	Vehicle Fuel	0.1532	0.0138
Whitefeather Landfill	MI	4,052,002	172,614	23	1.31	5,002		0	3.2	6,400	1.152	4,399	4,399	0.025	Operational	Electricity	Reciprocating Engine	0.1446	0.0169
Woodland Meadows Landfill	MI	52,666,512	2,348,758	22	11.54	44,054	5.324	20,328		-	7.4	28,256	48,584	0.021	Operational	Renewable Natural Gas	Vehicle Fuel	0.6478	0.0584
Burnsville SLF	MN	14,610,713	386,006	38	3.498	12,142		0	2.37	4,740	1.6	5,554	5,554	0.014	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Crow Wing County SLF	MN	1,629,312	46,783	35	0.206	787		0		-	0.04	153	153	0.003	Operational	Direct	Boiler	0.0035	0.0004
East Central SLF (ECSWC)	MN	2,299,640	90,589	25	0.571	2,180	0.111	424	0.87	1,740	0.46	1,756	2,180	0.024	Operational	Electricity	Reciprocating Engine	0.0393	0.0046
Elk River SLF Inc.	MN	12,573,503	285,646	44	3.48	13,288	1.810	6,911	2.17	4,340	1.17	4,468	11,379	0.040	Operational	Electricity	Reciprocating Engine	0.0980	0.0115
Spruce Ridge Landfill	MN	7,702,728	209,717	37	1.554	5,934	0.014	53	2.28	4,560		4,560	4,613	0.022	Operational	Electricity	Reciprocating Engine	0.1030	0.0120
Black Oak Landfill	MO	6,449,619	327,172	20	1.121	4,280		0	1.953	3,906		3,906	3,906	0.012	Operational	Electricity	Reciprocating Engine	0.0882	0.0103
Central Missouri SLF	MO	5,093,241	492,887	10	2.59	9,890		0	2.4	4,800		4,800	4,800	0.010	Operational	Electricity	Reciprocating Engine	0.1084	0.0127
Columbia SLF	MO	4,757,294	212,852	22	1.237	4,723		0	1.43	2,860	1.04	3,971	3,971	0.019	Operational	Electricity	Reciprocating Engine	0.0646	0.0075
Courtney Ridge Landfill, LLC	MO	9,020,516	502,862	18	2.908	11,104	0.000	0		-	1.81	6,911	6,911	0.014	Operational	Direct	Direct Thermal	0.1585	0.0156
Fulton SLF	MO	330,514	147,872	2	0.13	496		0	0.225	450		450	450	0.003	Operational	Electricity	Reciprocating Engine	0.0102	0.0012
IESI Timber Ridge Landfill	MO	2,981,691	216,547	14	1.078	4,116		0		-	0.04	153	153	0.001	Operational	Direct	Leachate Evaporation	0.0035	0.0004
Jefferson City Sanitary Landfill	MO	5,393,960	147,135	37	2.177	8,313		0	3.2	6,400	1.3	4,964	4,964	0.034	Operational	Electricity	Cogeneration	0.1446	0.0169
Prairie View Regional Waste Facility	MO	11,670,027	494,923	24	3.43	13,097		0	3.2	6,400	1.87	7,140	7,140	0.014	Operational	Electricity	Reciprocating Engine	0.0723	0.0084
Springfield Sanitary Landfill	MO	7,279,714	236,133	31	1.58	6,033	0.000	0	3	6,000	1.58	6,033	6,033	0.026	Operational	Electricity	Reciprocating Engine	0.1355	0.0158
St. Joseph City SLF	MO	4,790,609	142,798	34	0.836	3,192		0	1.6	3,200	0.72	2,749	2,749	0.019	Operational	Electricity	Reciprocating Engine	0.0723	0.0084
Golden Triangle Regional Landfill	MS	2,998,827	142,095	21	0.392	1,497	0.042	160	0.53	1,060	0.35	1,336	1,497	0.011	Operational	Electricity	Reciprocating Engine	0.0240	0.0028

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Northeast Mississippi Regional Landfill	MS	5,477,534	529,826	10	1,721	6,571		0		-	1.77	6,759	6,759	0.013	Operational	Renewable Natural Gas	Vehicle Fuel	0.1550	0.0140
Pecan Grove Sanitary Landfill	MS	11,538,282	257,419	45	2,994	10,393	0.994	3,450			3.3	11,455	14,906	0.058	Shutdown	Direct	Boiler	0.0000	0.0000
Three Rivers Regional Landfill	MS	4,456,403	248,947	18	0.624	2,383		0	0.999	1,998		1,998	1,998	0.008	Operational	Electricity	Reciprocating Engine	0.0451	0.0053
Billings City Landfill	MT	7,822,102	294,866	27	1,053	4,021		0		-	0.895	3,417	3,417	0.012	Operational	Renewable Natural Gas	Vehicle Fuel	0.0784	0.0071
Flathead County Landfill	MT	3,621,885	116,146	31	0.841	3,211	0.000	0	0.84	1,680	0.53	2,024	2,024	0.017	Operational	Electricity	Reciprocating Engine	0.0380	0.0044
Blackburn SLF	NC	4,988,573	179,486	28	1,728	6,598	0.000	0	2	4,000	1.07	4,086	4,086	0.023	Operational	Electricity	Reciprocating Engine	0.0904	0.0106
Buncombe County New Landfill	NC	2,541,505	130,433	19	0.72	2,749	0.140	535	1.4	2,800	0.58	2,215	2,749	0.021	Operational	Electricity	Reciprocating Engine	0.0633	0.0074
Charlotte Motor Speedway Landfill V	NC	32,903,146	1,066,926	31	10,777	41,151		0	4	8,000	2.1	8,019	8,019	0.008	Operational	Electricity	Gas Turbine	0.1807	0.0211
Cumberland County Ann Street Landfill	NC	4,838,949	199,076	24	1.8	6,873		0		-	1	3,818	3,818	0.019	Operational	Direct	Boiler	0.0875	0.0086
Davidson County LF	NC	3,323,819	135,675	24	0.672	2,566	0.000	0	1.58	3,160	0.7	2,673	2,673	0.020	Operational	Electricity	Reciprocating Engine	0.0714	0.0083
Gaston County LF	NC	4,036,096	176,766	23	1.747	6,671	0.127	485	2.25	4,500	1.08	4,124	4,609	0.026	Operational	Electricity	Reciprocating Engine	0.1017	0.0119
Hanes Mill Road Landfill	NC	11,837,404	263,918	45	2,303	8,794		0	3.1	6,200	2.23	8,515	8,515	0.032	Operational	Electricity	Gas Turbine	0.1401	0.0164
Haywood County LF	NC	1,524,207	159,822	10	0.23	878		0	0.075	150		150	150	0.001	Operational	Electricity	Reciprocating Engine	0.0034	0.0004
Iredell County LF	NC	5,637,291	191,385	29	1,317	5,029	0.000	0	2.78	5,560	1.31	5,002	5,002	0.026	Operational	Electricity	Reciprocating Engine	0.1256	0.0147
Johnston County MSW LF	NC	3,806,235	128,625	30	0.614	2,344	0.000	0	1.38	2,760	0.61	2,329	2,329	0.018	Operational	Electricity	Reciprocating Engine	0.0624	0.0073
Onslow County LF	NC	3,590,613	118,406	30	0.808	3,085		0	1.953	3,906		3,906	3,906	0.033	Operational	Electricity	Reciprocating Engine	0.0882	0.0103
Robeson County LF	NC	2,986,274	98,371	30	1,152	4,399		0	1.06	2,120	0.482	1,840	1,840	0.019	Operational	Electricity	Reciprocating Engine	0.0479	0.0056
Sampson County Disposal, LLC	NC	20,841,241	1,559,093	13	5.18	19,779	2.100	8,019	6.4	12,800	3.08	11,761	19,779	0.013	Operational	Electricity	Reciprocating Engine	0.2892	0.0338
South Wake LF (New)	NC	4,651,445	460,574	10	3.6	13,746		0	3.2	6,400	1.44	5,498	5,498	0.012	Operational	Electricity	Reciprocating Engine	0.1446	0.0169
Tuscarora Long-Term Regional Landfill	NC	4,614,456	198,175	23	1,426	5,445		0	2.22	4,440	1.5	5,728	5,728	0.029	Operational	Electricity	Reciprocating Engine	0.1003	0.0117
Uwharrie Environmental Regional LF	NC	14,953,461	458,057	33	4,721	18,027	1,251	4,777	7.35	14,700	3.47	13,250	18,027	0.039	Operational	Electricity	Reciprocating Engine	0.1660	0.0194
City of Fargo Landfill	ND	6,700,475	221,162	30	1.2	4,582	0.000	0		-	0.55	2,100	2,100	0.009	Operational	Direct	Boiler	0.0482	0.0048

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Bluff Road Landfill	NE	8,601,623	305,519	28	2,495	9,527	0.755	2,883	3.6	7,200	1.6	6,109	8,992	0.029	Operational	Electricity	Reciprocating Engine	0.1627	0.0190
Butler County Landfill Inc.	NE	7,152,726	320,000	22	1,272	4,857		0		-	1.15	4,391	4,391	0.014	Operational	Renewable Natural Gas	Vehicle Fuel	0.1007	0.0091
Douglas County Landfill	NE	5,224,710	496,972	11	0.93	3,536	0.007	25		-	0.92	3,513	3,538	0.007	Operational	Renewable Natural Gas	Vehicle Fuel	0.0805	0.0073
Douglas County Recycling and Disposal Facility LF	NE	17,577,043	571,323	31	4,358	16,641		0	3	6,000	1.3	4,964	4,964	0.009	Operational	Electricity	Reciprocating Engine	0.1355	0.0158
L.P. Gill LF	NE	5,529,940	254,849	22	0.864	3,299		0		-	0.614	2,344	2,344	0.009	Operational	Direct	Direct Thermal	0.0538	0.0053
Mount Carberry Landfill	NH	6,755,424	253,816	27	2,002	7,644		0		-	1.12	4,277	4,277	0.017	Operational	Direct	Boiler	0.0981	0.0097
Burlington County SLF	NJ	9,883,401	333,809	30	4.37	15,169		0	0.12	240	0.086	300	300	0.001	Shutdown	Electricity	Cogeneration	0.0000	0.0000
Cape May County MUA Secure Landfill	NJ	4,000,000	92,367	43	1.584	6,048	0.000	0		-	0.432	1,650	1,650	0.018	Operational	Direct	Boiler	0.0378	0.0037
Cumberland County SWC	NJ	6,173,546	189,626	33	2.4	9,164	0.100	382	4.8	9,600	2.3	8,782	9,164	0.048	Operational	Electricity	Reciprocating Engine	0.2169	0.0253
Middlesex County LF	NJ	15,064,741	567,513	27	5.605	21,402		0	20	40,000	7.56	28,867	28,867	0.051	Operational	Electricity	Combined Cycle	0.3013	0.0352
Ocean County LF	NJ	19,236,289	526,064	37	7.244	27,660		0	4.8	9,600	3	11,455	11,455	0.022	Operational	Electricity	Reciprocating Engine	0.2169	0.0253
Pennsauken SLF	NJ	6,661,070	62,397	107	0.64	2,222	0.000	0	2.775		1.2	4,166	4,166	0.067	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Salem County SLF	NJ	2,945,323	87,248	34	0.792	3,024		0	1.9	3,800		3,800	3,800	0.044	Operational	Electricity	Reciprocating Engine	0.0858	0.0100
Sussex County LF 1-E	NJ	1,934,255	87,394	22	0.838	3,200		0	1.5	3,000		3,000	3,000	0.034	Operational	Electricity	Reciprocating Engine	0.0678	0.0079
Camino Real Landfill	NM	14,471,094	463,471	31	1.834	7,003		0	1.5	3,000	0.778	2,971	2,971	0.006	Operational	Electricity	Reciprocating Engine	0.0678	0.0079
Cerro Colorado LF	NM	14,128,990	538,303	26	1.072	4,093		0		-	0.25	955	955	0.002	Operational	Direct	Boiler	0.0219	0.0022
Apex Regional LF	NV	70,043,580	2,239,965	31	2.977	11,367	0.237	905	3.4	6,800	2.74	10,462	11,367	0.005	Operational	Electricity	Gas Turbine	0.1536	0.0179
Lockwood Regional LF	NV	41,898,489	1,279,907	33	3.702	14,136	1.440	5,498	2.9	5,800	1.51	5,766	11,264	0.009	Operational	Electricity	Reciprocating Engine	0.1310	0.0153
Albany Landfill	NY	9,581,245	146,894	65	3.68	14,052		0	1.9	3,800	1	3,818	3,818	0.026	Operational	Electricity	Reciprocating Engine	0.0858	0.0100
Ava Landfill	NY	3,108,871	265,042	12	2.019	7,709		0	1.42	2,840		2,840	2,840	0.011	Operational	Electricity	Reciprocating Engine	0.0642	0.0075
Broome County Landfill	NY	8,228,140	169,498	49	2.221	7,710		0	1.3	2,600	0.72	2,499	2,499	0.015	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Chaffee LF	NY	12,550,993	632,753	20	3.806	14,533		0	4.6	9,200	2.6	9,928	9,928	0.016	Operational	Electricity	Reciprocating Engine	0.2078	0.0243
Chautauqua County Landfill	NY	7,507,370	218,990	34	2.751	10,504	0.000	0	5.2	10,400	2.7	10,310	10,310	0.047	Operational	Electricity	Reciprocating Engine	0.2349	0.0274

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Clinton County Regional Landfill	NY	4,927,827	204,658	24	3.02	11,532	0.420	1,604	4.38	8,760	2.55	9,737	11,341	0.055	Operational	Electricity	Reciprocating Engine	0.1979	0.0231
DANC Solid Waste Management Facility	NY	6,257,658	249,491	25	3.37	12,868		0	4.8	9,600	2.3	8,782	8,782	0.035	Operational	Electricity	Reciprocating Engine	0.2169	0.0253
Franklin County Regional Landfill	NY	1,794,051	84,095	21	0.178	680		0		-	0.072	275	275	0.003	Operational	Direct	Direct Thermal	0.0063	0.0006
Fulton County LF	NY	2,916,877	147,872	20	0.854	3,261		0	3.2	6,400	1.5	5,728	5,728	0.039	Operational	Electricity	Reciprocating Engine	0.1446	0.0169
High Acres LF and Recycling Center	NY	23,192,867	1,169,638	20	9.504	36,290		0	3	6,000		6000	6,000	0.005	Operational	Electricity	Reciprocating Engine	0.1355	0.0158
Hyland LF	NY	6,231,184	496,426	13	2.546	9,722	0.170	649	4.4	8,800	2.376	9,073	9,722	0.020	Operational	Electricity	Reciprocating Engine	0.1988	0.0232
Madison County Landfill	NY	1,919,438	55,642	34	0.562	1,951		0	0.98	1,960		1,960	1,960	0.035	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Mill Seat LF	NY	13,063,164	628,203	21	4.68	17,870	1.224	4,674	4.5	9,000	2.592	9,897	14,571	0.023	Operational	Electricity	Reciprocating Engine	0.2033	0.0237
New Bath Landfill	NY	3,446,422	144,894	24	1.2	4,582		0	3.2	6,400	1.22	4,658	4,658	0.032	Operational	Electricity	Reciprocating Engine	0.1446	0.0169
Ontario County SLF	NY	15,531,609	998,191	16	6.54	24,972		0	3.2	6,400	1.9	7,255	7,255	0.007	Operational	Electricity	Reciprocating Engine	0.1446	0.0169
Seneca Meadows SWMF	NY	45,013,302	2,146,452	21	18.739	71,553		0	4	8,000	2.38	9,088	9,088	0.004	Operational	Electricity	Reciprocating Engine	0.1807	0.0211
Town of Colonie SLF	NY	7,898,802	337,268	23	1.98	7,560	0.000	0	3.82	7,640	1.98	7,560	7,560	0.022	Operational	Electricity	Reciprocating Engine	0.1726	0.0202
American LF	OH	34,358,723	996,003	34	3.453	11,986	0.803	2,787			4.1	14,232	17,020	0.017	Shutdown	Direct	Medium Btu	0.0000	0.0000
Apex Sanitary Landfill	OH	17,297,207	1,631,032	11	3	11,455		0		-	2.9	11,073	11,073	0.007	Operational	Renewable Natural Gas	Vehicle Fuel	0.2539	0.0229
Carbon Limestone LF	OH	36,390,143	1,206,535	30	9.93	37,924	0.609	2,327	9.6	19,200		0	2,327	0.002	Operational	Electricity	Reciprocating Engine	0.4337	0.0507
Cherokee Run Landfill, Inc.	OH	14,115,831	511,374	28	4.68	17,870		0	4.8	9,600	2.4	9,164	9,164	0.018	Operational	Electricity	Reciprocating Engine	0.2169	0.0253
Erie County SLF	OH	4,648,740	190,954	24	1.042	3,979	0.000	0	1.55	3,100		3,100	3,100	0.016	Operational	Electricity	Reciprocating Engine	0.0700	0.0082
Franklin County SLF	OH	24,374,126	1,134,240	21	8.143	31,093	0.343	1,310		-	2.4	9,164	10,474	0.009	Operational	Renewable Natural Gas	Vehicle Fuel	0.2101	0.0189
Geneva Landfill	OH	5,654,598	134,005	42	1.98	7,560		0	2.6	5,200	1.44	5,498	5,498	0.041	Operational	Electricity	Reciprocating Engine	0.1175	0.0137
Hancock County Sanitary LF	OH	3,000,000	91,000	33	1.66	6,339		0	3.2	6,400	1.584	6,048	6,048	0.066	Operational	Electricity	Reciprocating Engine	0.1446	0.0169
Lake County SWF	OH	8,502,117	212,455	40	2.068	7,179	1.490	5,172			2.016	6,998	12,170	0.057	Shutdown	Direct	Boiler	0.0000	0.0000
Lorain County Landfill I & II	OH	40,253,864	1,086,912	37	11.76	44,904		0	8.1	16,200	4.5	17,183	17,183	0.016	Operational	Electricity	Reciprocating Engine	0.3660	0.0427
Mahoning LF	OH	7,038,243	209,490	34	2.028	7,744	0.238	909	3.7	7,400	1.79	6,835	7,744	0.037	Operational	Electricity	Reciprocating Engine	0.1672	0.0195

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Rumpke Brown County Landfill	OH	7,725,096	176,322	44	2,661	10,161		0	4.8	9,600		9,600	9,600	0.054	Operational	Electricity	Reciprocating Engine	0.2169	0.0253
Rumpke SLF, Inc.	OH	58,569,482	2,047,917	29	15	57,276		0		-	6	22,910	22,910	0.011	Operational	Renewable Natural Gas	Vehicle Fuel	0.5253	0.0473
Stony Hollow Landfill Inc.	OH	11,761,399	225,609	52	4,283	14,867		0			2,672	9,275	9,275	0.041	Shutdown	Renewable Natural Gas	Vehicle Fuel	0.0000	0.0000
Suburban South R&D	OH	13,510,355	526,516	26	2.71	9,407		0	4.9	9,800		9,800	9,800	0.019	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
American Environmental Landfill	OK	8,635,149	538,901	16	1,345	5,136		0	2.6	5,200		5,200	5,200	0.010	Operational	Electricity	Reciprocating Engine	0.1175	0.0137
Oklahoma City Landfill	OK	13,460,690	623,038	22	3,168	12,097		0		-	2.02	7,713	7,713	0.012	Operational	Renewable Natural Gas	Vehicle Fuel	0.1768	0.0159
Oklahoma Environmental Management Authority (OEMA) Landfill	OK	2,879,330	77,850	37	0.252	962		0		-	0.576	2,199	2,199	0.028	Operational	Direct	Direct Thermal	0.0504	0.0050
Sooner Landfill	OK	963,238	37,103	26	0.504	1,924	0.000	0		-	0.25	955	955	0.026	Operational	Direct	Direct Thermal	0.0219	0.0022
Southeast OKC Landfill	OK	18,709,425	545,732	34	4,606	17,588	0.956	3,650		-	3.65	13,937	17,588	0.032	Operational	Renewable Natural Gas	Vehicle Fuel	0.3195	0.0288
Southern OK Regional Disposal LF	OK	4,069,600	187,029	22	1,258	4,804	0.168	641		-	1.09	4,162	4,804	0.026	Operational	Renewable Natural Gas	Other	0.0954	0.0094
Coffin Butte LF	OR	15,783,641	940,618	17	2,866	10,944		0	2.35	4,700	1.4	5,346	5,346	0.006	Operational	Electricity	Reciprocating Engine	0.1062	0.0124
Columbia Ridge LF	OR	55,917,366	2,718,900	21	8.73	33,335		0	6.2	12,400	3.32	12,677	12,677	0.005	Operational	Electricity	Reciprocating Engine	0.2801	0.0327
Dry Creek Landfill	OR	7,528,106	530,956	14	2.37	9,045	1.247	4,761	2.36	4,720	1.34	5,117	9,877	0.019	Operational	Electricity	Reciprocating Engine	0.1066	0.0125
Finley Buttes Regional Landfill	OR	12,506,606	705,255	18	1.847	7,053		0	3.2	6,400	1,872	7,148	7,148	0.010	Operational	Electricity	Cogeneration	0.1446	0.0169
Riverbend Landfill Company, Inc.	OR	16,444,334	313,362	52	4.67	17,832		0	3.7	7,400	2.17	8,286	8,286	0.026	Operational	Electricity	Reciprocating Engine	0.1672	0.0195
Roseburg LF	OR	3,527,882	81,529	43	0.555	2,119		0	1.8	3,600	0.701	2,677	2,677	0.033	Operational	Electricity	Reciprocating Engine	0.0813	0.0095
Short Mountain LF	OR	9,473,001	269,526	35	1,509	5,762	0.359	1,371	1.6	3,200	0.9	3,437	4,807	0.018	Operational	Electricity	Reciprocating Engine	0.0723	0.0084
Advanced Disposal Greentree Landfill	PA	23,869,380	550,605	43	10.08	38,489		0		-	3.6	13,746	13,746	0.025	Operational	Renewable Natural Gas	Electricity	0.3152	0.0311
Arden LF	PA	14,107,837	595,757	24	2.69	10,271	0.090	344	3.75	7,500		7,500	7,844	0.013	Operational	Electricity	Reciprocating Engine	0.1694	0.0198
Bethlehem Landfill	PA	9,135,209	452,083	20	4.298	16,411	4.298	16,411	2.17	4,340	1.88	7,179	23,590	0.052	Operational	Electricity	Gas Turbine	0.0980	0.0115

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Blue Ridge Landfill	PA	11,144,197	747,612	15	4.467	17,057		0	5.65	11,300	2.83	10,806	10,806	0.014	Operational	Electricity	Reciprocating Engine	0.2553	0.0298
Bradford County Landfill	PA	3,267,846	103,176	32	0.65	2,256	0.000	0	0.8	1,600	0.504	1,750	1,750	0.017	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Chrin Brothers LF	PA	8,297,800	161,166	51	3.29	12,563	1,690	6,453	3.2	6,400	1.6	6,109	12,563	0.078	Operational	Electricity	Reciprocating Engine	0.1446	0.0169
Commonwealth Environmental Systems (CES) LF	PA	5,564,197	464,068	12	6.96	26,576	0.244	932		-	0.24	916	1,848	0.004	Operational	Direct	Boiler	0.0210	0.0021
Conestoga LF	PA	34,002,525	935,577	36	11.52	43,988	7,920	30,242		-	3.6	13,746	43,988	0.047	Operational	Direct	Direct Thermal	0.3152	0.0311
Cumberland County LF	PA	11,886,865	652,709	18	4.36	16,648		0	6.1	12,200	3.32	12,677	12,677	0.019	Operational	Electricity	Reciprocating Engine	0.2756	0.0322
Frey Farm-Creswell LF	PA	12,784,722	454,161	28	0.947	3,616		0	1.6	3,200		3,200	3,200	0.007	Operational	Electricity	Reciprocating Engine	0.0723	0.0084
Grand Central SLF	PA	20,755,417	654,280	32	4.365	15,152	0.165	573	6.4	12,800	6	20,828	21,400	0.033	Shutdown	Electricity	Gas Turbine	0.0000	0.0000
Greater Lebanon Refuse Authority LF	PA	4,571,705	138,022	33	1.08	4,124		0	2	4,000	1.08	4,124	4,124	0.030	Operational	Electricity	Reciprocating Engine	0.0904	0.0106
GROWS Landfill	PA	65,613,970	1,177,742	56	16.027	61,197		0	7	14,000		14,000	14,000	0.012	Operational	Electricity	Steam Turbine	0.3163	0.0369
Imperial Sanitary Landfill	PA	22,788,134	600,024	38	10.3	39,329	6.100	23,292		-	4.2	16,037	39,329	0.066	Operational	Renewable Natural Gas	Electricity	0.3677	0.0363
Keystone Sanitary Landfill, Inc.	PA	45,689,274	1,810,068	25	18.803	71,797	8,500	32,456	3.2	6,400		6,400	38,856	0.021	Operational	Electricity	Reciprocating Engine	0.1446	0.0169
Lake View LF	PA	20,683,552	295,223	70	2.85	10,882	0.720	2,749	4.8	9,600	2.44	9,317	12,066	0.041	Operational	Electricity	Reciprocating Engine	0.2169	0.0253
Lanchester LF	PA	14,607,593	281,505	52	5.76	21,994	0.000	0		-	3.456	13,196	13,196	0.047	Operational	Direct	Direct Thermal	0.3026	0.0299
Laurel Highlands LF	PA	7,569,661	212,730	36	2.93	10,171	0.000	0			2.93	10,171	10,171	0.048	Shutdown	Renewable Natural Gas	Vehicle Fuel	0.0000	0.0000
Lycoming County Landfill	PA	11,111,585	279,233	40	2.898	11,066	0.031	118	5.29	10,580	2.76	10,539	10,657	0.038	Operational	Electricity	Cogeneration	0.2390	0.0279
Monroeville LF	PA	19,290,118	439,629	44	3.87	13,434		0			2.48	8,609	8,609	0.020	Shutdown	Renewable Natural Gas	Vehicle Fuel	0.0000	0.0000
Mostoller Landfill, Inc.	PA	6,452,595	246,345	26	2.6	9,928		0	1.5	3,000		3,000	3,000	0.012	Operational	Electricity	Cogeneration	0.0678	0.0079
Mountain View Reclamation Landfill	PA	10,907,312	260,946	42	1.854	7,079		0	1.2	2,400		2,400	2,400	0.009	Operational	Electricity	Reciprocating Engine	0.0542	0.0063
Pine Grove Landfill Inc.	PA	3,724,054	747,612	5	2.39	9,126		0	0.3	600	0.17	649	649	0.001	Operational	Electricity	Cogeneration	0.0136	0.0016
Pioneer Crossing LF	PA	9,605,608	321,005	30	4.473	17,080	1.573	6,006	4.32	8,640	2.34	8,935	14,941	0.047	Operational	Electricity	Reciprocating Engine	0.1952	0.0228

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SECCRA Community Landfill	PA	3,006,021	107,100	28	1,053	4,021		0	0.43	860	0.36	1,375	1,375	0.013	Operational	Electricity	Reciprocating Engine	0.0194	0.0023
Seneca Landfill Inc.	PA	11,012,274	531,756	21	3,267	12,475	0.000	0		-	2.45	9,355	9,355	0.018	Operational	Renewable Natural Gas	Vehicle Fuel	0.2145	0.0193
Southern Alleghenies LF	PA	9,710,350	87,059	112	2.88	9,997	0.864	2,999			3.532	12,261	15,260	0.175	Shutdown	Renewable Natural Gas	Vehicle Fuel	0.0000	0.0000
Valley LF	PA	8,799,567	223,038	39	1,699	6,487	0.699	2,669		-	1.16	4,429	7,098	0.032	Operational	Renewable Natural Gas	Vehicle Fuel	0.1016	0.0092
Arecibo Landfill	PR	5,671,434	223,301	25	0.327	1,249		0	0.075	150	0.02	76	76	0.000	Operational	Electricity	Reciprocating Engine	0.0034	0.0004
Fajardo Municipal Landfill	PR	5,032,088	254,849	20	0.592	2,260	0.592	2,260	1.9	3,800		3,800	6,060	0.024	Operational	Electricity	Reciprocating Engine	0.0858	0.0100
Toa Baja LF	PR	10,968,154	337,827	32	1,091	4,166	1,000	3,818	2.4	4,800	1.296	4,949	8,767	0.026	Operational	Electricity	Reciprocating Engine	0.1084	0.0127
Central LF	RI	38,031,825	942,149	40	12,447	43,207	1,147	3,982	12			0	3,982	0.004	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Anderson Regional Landfill	SC	6,457,143	313,379	21	1,205	4,601		0	1.7	3,400	0.9	3,437	3,437	0.011	Operational	Electricity	Reciprocating Engine	0.0768	0.0090
Berkeley County Subtitle D LF	SC	4,826,389	225,564	21	0.503	1,921		0	0.8	1,600	0.5	1,909	1,909	0.008	Operational	Electricity	Reciprocating Engine	0.0361	0.0042
Georgetown County Subtitle D LF	SC	2,002,692	89,457	22	0.182	632		0	0.55	1,100		1,100	1,100	0.012	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Greenwood County Landfills	SC	2,746,188	70,302	39	0.351	1,340		0		-	0.432	1,650	1,650	0.023	Operational	Direct	Boiler	0.0378	0.0037
Horry County SWA Landfill	SC	7,002,392	265,387	26	1.2	4,582		0	2	4,000	0.93	3,551	3,551	0.013	Operational	Electricity	Reciprocating Engine	0.0904	0.0106
Lee County LF, LLC	SC	19,551,876	476,565	41	6.15	23,483	1,360	5,193	2.35	4,700	1.8	6,873	12,066	0.025	Operational	Electricity	Reciprocating Engine	0.1062	0.0124
Oakridge Landfill Inc.	SC	14,300,237	628,205	23	1.751	6,686	1,101	4,204		-	0.86	3,284	7,488	0.012	Operational	Direct	Leachate Evaporation	0.0753	0.0074
Richland County Landfill	SC	20,168,736	947,913	21	4.664	17,809	1,857	7,091	2.3	4,600		4,600	11,691	0.012	Operational	Electricity	Gas Turbine	0.1039	0.0121
Three Rivers Regional Subtitle D MSWLF	SC	5,015,987	282,770	18	2.038	7,782		0		-	1.3	4,964	4,964	0.018	Operational	Direct	Boiler	0.1138	0.0112
Union County Regional MSW Landfill	SC	9,500,242	698,908	14	1.87	7,140		0	3.2	6,400		7,500	7,500	0.011	Operational	Electricity	Reciprocating Engine	0.1446	0.0169
Wellford LF	SC	3,663,675	96,314	38	1.26	4,811	0.180	687		-	0.72	2,749	3,437	0.036	Operational	Direct	Boiler	0.0630	0.0062
Rapid City Landfill	SD	3,089,581	103,575	30	0.437	1,669	0.077	294		-	0.36	1,375	1,669	0.016	Operational	Direct	Boiler	0.0315	0.0031
Sioux Falls Regional Sanitary Landfill (SFRSL)	SD	10,180,000	174,505	58	3.02	11,532	1,220	4,658		-	1.8	6,873	11,532	0.066	Operational	Direct	Boiler	0.1576	0.0156

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Alcoa/ Maryville/ Blount County Landfill	TN	2,783,155	51,924	54	0.523	1,997	0.023	88	0.999	1,998	0.5	1,909	1,997	0.038	Operational	Electricity	Reciprocating Engine	0.0451	0.0053
Bi-County LF	TN	5,497,468	328,245	17	1.163	4,441	0.292	1,115	0.44	880		880	1,995	0.006	Operational	Electricity	Reciprocating Engine	0.0199	0.0023
Chestnut Ridge LF	TN	19,541,610	307,503	64	2.976	11,364		0	2.5	5,000	1.39	5,308	5,308	0.017	Operational	Electricity	Reciprocating Engine	0.1130	0.0132
Iris Glen Environmental Center	TN	6,820,267	184,448	37	1.606	6,132	0.000	0		-	2.16	8,248	8,248	0.045	Operational	Direct	Boiler	0.1891	0.0187
Meadow Branch Landfill	TN	8,406,322	689,381	12	2.592	9,897		0		-	2.5	9,546	9,546	0.014	Operational	Renewable Natural Gas	Vehicle Fuel	0.2189	0.0197
North Shelby Landfill	TN	14,794,165	364,455	41	2.56	9,774	0.319	1,220		-	2.24	8,553	9,773	0.027	Operational	Renewable Natural Gas	Vehicle Fuel	0.1961	0.0177
South Shelby Landfill	TN	32,722,803	527,112	62	5.314	20,291		0		-	6.048	23,094	23,094	0.044	Operational	Direct	Boiler	0.5295	0.0523
West Camden Sanitary Landfill	TN	12,148,795	476,436	25	3.271	12,490		0	4.34	8,680	1.92	7,331	7,331	0.015	Operational	Electricity	Reciprocating Engine	0.1961	0.0229
121 Regional Disposal Facility	TX	10,691,461	1,006,231	11	6.142	23,453	0.542	2,070		-	5.62	21,459	23,529	0.023	Operational	Renewable Natural Gas	Vehicle Fuel	0.4920	0.0443
Atascocita RDF	TX	36,524,303	1,368,433	27	8.781	33,529	3.941	15,048		-	4.84	18,481	33,529	0.025	Operational	Renewable Natural Gas	Vehicle Fuel	0.4237	0.0382
Austin Community RDF	TX	22,019,504	997,502	22	4.059	15,499		0	4.4	8,800	2.65	10,119	10,119	0.010	Operational	Electricity	Reciprocating Engine	0.1988	0.0232
Blue Ridge LF	TX	22,500,545	1,299,585	17	10.239	39,097	5.880	22,452		-	9.8	37,420	59,872	0.046	Operational	Renewable Natural Gas	Vehicle Fuel	0.8579	0.0773
Camelot Landfill	TX	20,169,376	597,224	34	2.958	11,295		0	2.8	5,600	1.58	6,033	6,033	0.010	Operational	Electricity	Reciprocating Engine	0.1265	0.0148
City of Denton Landfill	TX	4,319,788	267,991	16	1.29	4,926	0.310	1,184	1.6	3,200	0.98	3,742	4,926	0.018	Operational	Electricity	Reciprocating Engine	0.0723	0.0084
City of Edinburg Landfill	TX	11,574,590	617,615	19	2.336	8,920		0		-	2.23	8,515	8,515	0.014	Operational	Renewable Natural Gas	Vehicle Fuel	0.1952	0.0176
City of Victoria Landfill	TX	4,758,120	189,916	25	2.07	7,904		0		-	1.584	6,048	6,048	0.032	Operational	Direct	Direct Thermal	0.1387	0.0137
Covel Gardens RDF	TX	34,212,727	1,062,711	32	9.133	34,873		0	7.1	14,200	4.18	15,961	15,961	0.015	Operational	Electricity	Reciprocating Engine	0.3208	0.0375
DFW Recycling & Disposal Facility	TX	69,603,030	1,441,063	48	8.369	31,956		0	3.1	6,200		6,200	6,200	0.004	Operational	Electricity	Gas Turbine	0.1401	0.0164
Fort Bend Regional Landfill	TX	10,466,867	1,172,807	9	3.578	13,662	1.118	4,269		-	2.54	9,699	13,968	0.012	Operational	Renewable Natural Gas	Vehicle Fuel	0.2224	0.0200
Galveston County LF	TX	17,888,600	499,352	36	3.709	14,162	0.109	416		-	3.6	13,746	14,162	0.028	Operational	Renewable Natural Gas	Vehicle Fuel	0.3152	0.0284

Current LMOP Landfill and LFG Energy Project Database - Operational Projects (Detailed Version)

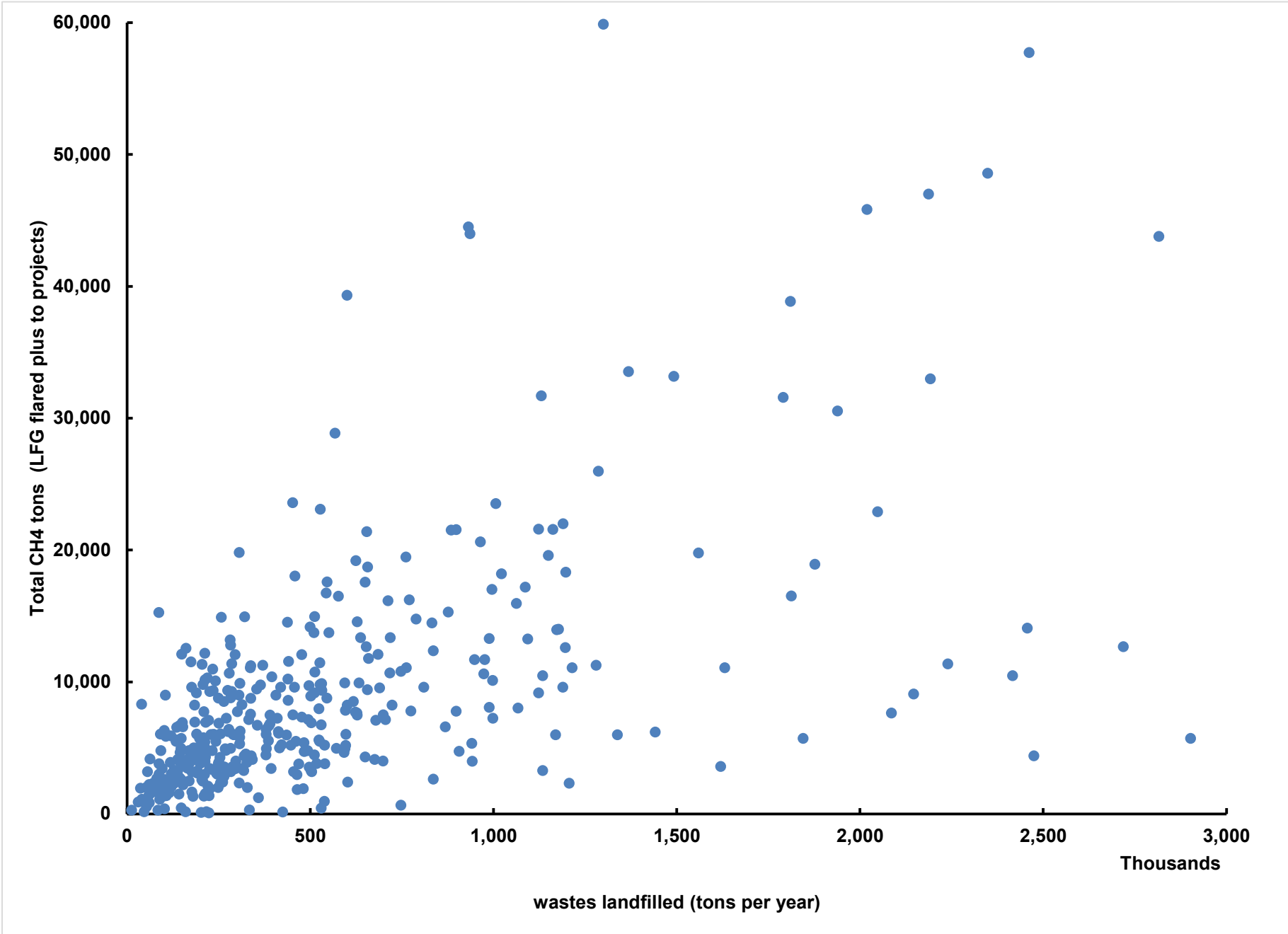
Landfill Name	State	Waste in Place (tons)	MSW landfilled (tons/year)	WIP tons/MSW tons/year	LFG Collected (mmscfd)	CH4 in LFG (tons/year)	LFG Flared (mmscfd)	CH4 in LFG flared (tons/year)	Actual MW Generation	Tons CH4 to electricity	LFG Flow to Projects (mmscfd)	Tons CH4 to projects	Total CH4 tons (LFG flared + LFG to projects)	CH4 tons projects+flare/tons landfilled	Current Project Status	Project Type Category	LFG Energy Project Type	Current Year Emission Reductions (MMTCO2e/yr) - Direct	Current Year Emission Reductions (MMTCO2e/yr) - Avoided
Greenwood Farms Landfill	TX	10,550,096	308,705	34	1.724	6,583		0		-	1.64	6,262	6,262	0.020	Operational	Renewable Natural Gas	Vehicle Fuel	0.1436	0.0129
IESI Turkey Creek Landfill	TX	11,022,493	592,126	19	2.784	10,630	0.000	0		-	1.22	4,658	4,658	0.008	Operational	Renewable Natural Gas	Vehicle Fuel	0.1068	0.0096
McCarty Road LF	TX	96,148,883	1,938,686	50	12.526	47,829		0		-	8	30,547	30,547	0.016	Operational	Renewable Natural Gas	Vehicle Fuel	0.7003	0.0631
McCommas Bluff Landfill	TX	51,736,229	1,877,101	28	11.315	39,279	0.000	0			5.45	18,918	18,918	0.010	Shutdown	Renewable Natural Gas	Vehicle Fuel	0.0000	0.0000
Mesquite Creek LF	TX	10,522,881	525,679	20	2.199	8,397		0	2.7	5,400	1.44	5,498	5,498	0.010	Operational	Electricity	Reciprocating Engine	0.1220	0.0142
Nelson Gardens LF	TX	11,802,410	413,479	29	1.597	6,098	0.047	179	2.18	4,360	1.553	5,930	6,109	0.015	Operational	Electricity	Reciprocating Engine	0.0985	0.0115
Pine Hill LF	TX	12,568,285	274,505	46	2.462	9,401		0		-	2.45	9,355	9,355	0.034	Operational	Renewable Natural Gas	Vehicle Fuel	0.2145	0.0193
Seabreeze Environmental Landfill	TX	23,674,957	988,431	24	3.482	13,296	0.000	0		-	3.48	13,288	13,288	0.013	Operational	Renewable Natural Gas	Industrial	0.3047	0.0301
Security Recycling and Disposal LF	TX	11,879,612	416,198	29	3.618	13,815		0	2.54	5,080	1.31	5,002	5,002	0.012	Operational	Electricity	Reciprocating Engine	0.1148	0.0134
Tessman Road Landfill	TX	32,152,628	1,214,370	26	6.424	24,529		0	5.4	10,800	2.9	11,073	11,073	0.009	Operational	Electricity	Reciprocating Engine	0.2440	0.0285
Davis County Landfill	UT	4,140,268	225,284	18	1.558	5,949		0	1.2	2,400	0.9	3,437	3,437	0.015	Operational	Electricity	Reciprocating Engine	0.0542	0.0063
Salt Lake Valley LF	UT	16,430,229	394,910	42	2.85	10,869	1.122	4,284	3.08	6,160	1.6	6,109	10,394	0.026	Operational	Electricity	Reciprocating Engine	0.1392	0.0163
Trans-Jordan LF	UT	10,357,225	353,598	29	2.549	9,733	0.000	0	4.8	9,600	2.477	9,458	9,458	0.027	Operational	Electricity	Reciprocating Engine	0.2169	0.0253
Bethel LF	VA	18,126,307	658,793	28	3.087	11,787	0.617	2,356	4.3	8,600	2.47	9,431	11,787	0.018	Operational	Electricity	Reciprocating Engine	0.1943	0.0227
Brunswick Waste Management Facility	VA	14,344,004	198,995	72	2.894	11,050	0.104	397	2.8	5,600	1.4	5,346	5,743	0.029	Operational	Electricity	Reciprocating Engine	0.1265	0.0148
Charles City County SLF	VA	17,949,481	649,594	28	4.105	15,675		0	2.1	4,200	1.13	4,315	4,315	0.007	Operational	Electricity	Reciprocating Engine	0.0949	0.0111
City of Bristol Virginia Integrated Solid Waste Management Facility	VA	4,696,829	152,714	31	0.841	3,211		0	1	2,000	0.576	2,199	2,199	0.014	Operational	Electricity	Reciprocating Engine	0.0452	0.0053
King and Queen Landfill	VA	19,390,020	788,510	25	3.869	14,773	0.557	2,127	5.96	11,920	3.312	12,647	14,773	0.019	Operational	Electricity	Reciprocating Engine	0.2693	0.0314
King George Landfill Inc.	VA	29,319,202	1,790,497	16	10.268	39,207	2.288	8,660	7.2	14,400	6	22,910	31,570	0.018	Operational	Electricity	Gas Turbine	0.3253	0.0380

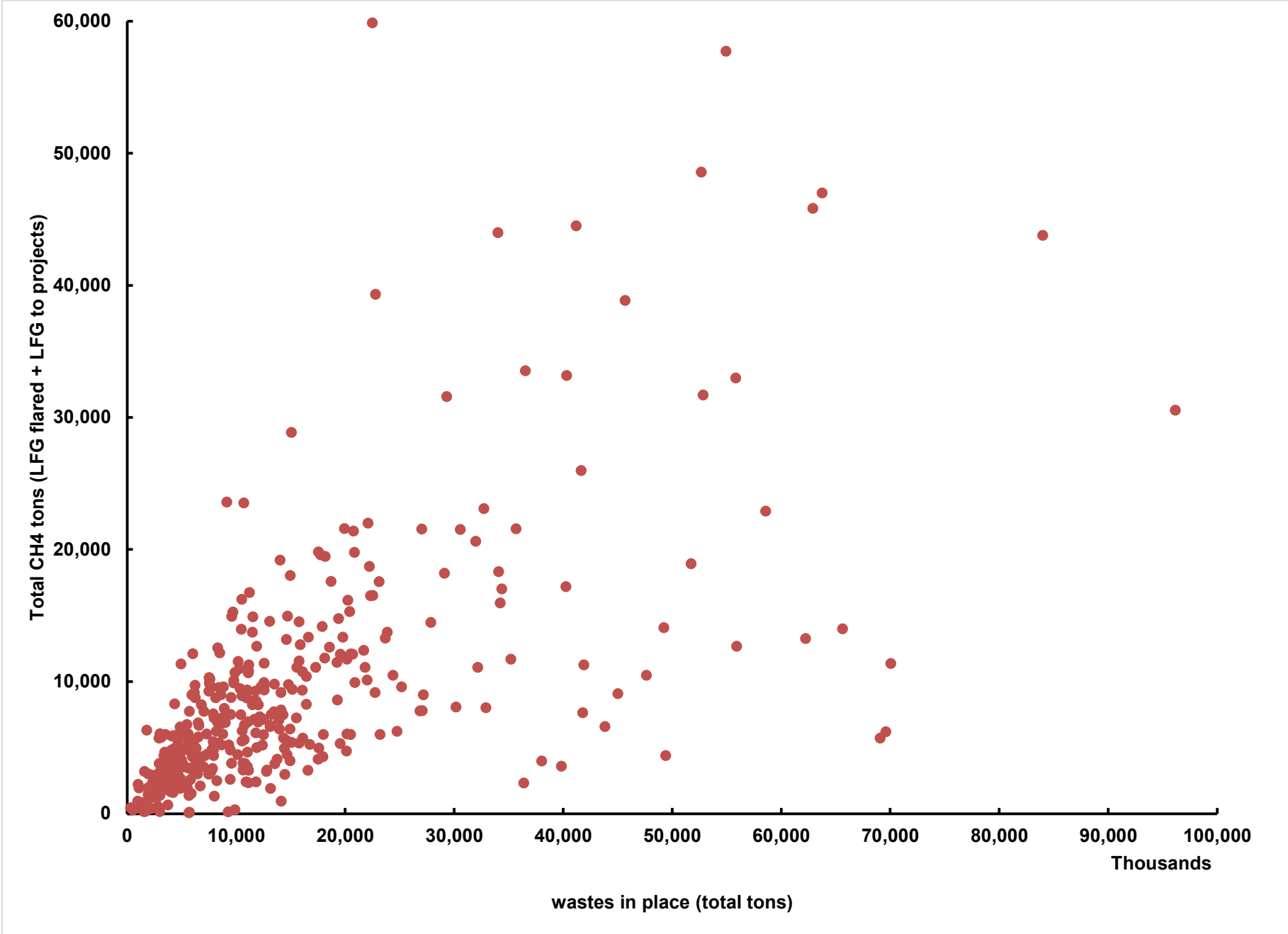
Current LMOP Landfill and LFG Energy Project Database - Operational Projects (Detailed Version)

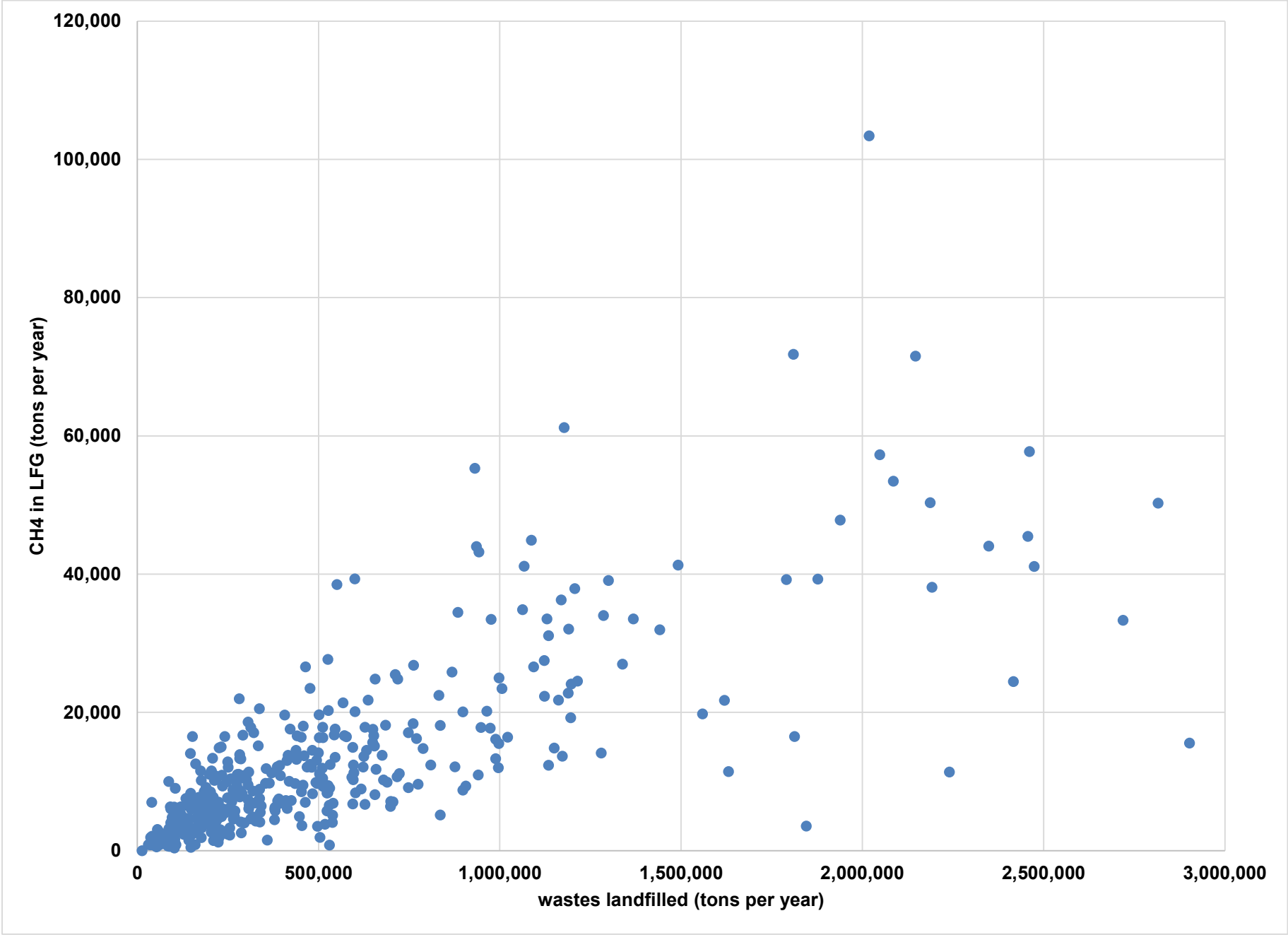
Landfill Name	State	Waste in Place (tons)	MSW landfilled (tons/year)	WIP tons/MSW tons/year	LFG Collected (mmscfd)	CH4 in LFG (tons/year)	LFG Flared (mmscfd)	CH4 in LFG flared (tons/year)	Actual MW Generation	Tons CH4 to electricity	LFG Flow to Projects (mmscfd)	Tons CH4 to projects	Total CH4 tons (LFG flared + LFG to projects)	CH4 tons projects+flare/tons landfilled	Current Project Status	Project Type Category	LFG Energy Project Type	Current Year Emission Reductions (MMTCO2e/yr) - Direct	Current Year Emission Reductions (MMTCO2e/yr) - Avoided
Maplewood Recycling & Waste Disposal	VA	10,721,402	393,221	27	3.23	12,333		0	1.67	3,340	0.9	3,437	3,437	0.009	Operational	Electricity	Reciprocating Engine	0.0755	0.0088
Middle Peninsula Landfill	VA	11,218,670	543,315	21	4.387	16,751	1,417	5,411	5.8	11,600	2.97	11,341	16,751	0.031	Operational	Electricity	Reciprocating Engine	0.2620	0.0306
New River Resource Authority SWMF	VA	3,374,398	210,088	16	1.107	4,227	0.000	0	2.3	4,600	1.152	4,399	4,399	0.021	Operational	Electricity	Reciprocating Engine	0.1039	0.0121
Old Dominion LF	VA	16,630,130	637,097	26	5.708	21,795		0	6.4	12,800	3.5	13,364	13,364	0.021	Operational	Electricity	Reciprocating Engine	0.2892	0.0338
Prince William County Sanitary Landfill	VA	10,534,118	501,177	21	5.147	19,653	1,391	5,311	1.9	3,800	0.95	3,627	8,939	0.018	Operational	Electricity	Reciprocating Engine	0.0858	0.0100
Shoosmith SLF	VA	25,176,821	1,189,029	21	5.972	22,803		0	4.8	9,600		9,600	9,600	0.008	Operational	Electricity	Reciprocating Engine	0.2169	0.0253
Stafford County LF	VA	3,683,983	206,797	18	0.809	3,089		0	1.2	2,400	0.65	2,482	2,482	0.012	Operational	Electricity	Reciprocating Engine	0.0542	0.0063
Virginia Beach Landfill No. 2	VA	7,500,000	286,000	26	1.2	4,166	0.600	2,083	3.6	7,200		7,200	9,283	0.032	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
NEWSVT Landfill	VT	8,109,958	545,607	15	3.536	13,502		0	4.8	9,600	2.3	8,782	8,782	0.016	Operational	Electricity	Reciprocating Engine	0.2169	0.0253
Cedar Hills Regional LF	WA	41,188,861	931,337	44	14.485	55,309	1,058	4,040		-	10.6	40,475	44,515	0.048	Operational	Renewable Natural Gas	Vehicle Fuel	0.9279	0.0836
Land Recovery Landfill	WA	17,740,624	1,149,897	15	3.891	14,857	2,950	11,264	4.05	8,100	2.18	8,324	19,588	0.017	Operational	Electricity	Reciprocating Engine	0.1830	0.0214
Roosevelt Regional MSW Landfill	WA	55,829,544	2,192,028	25	9.979	38,104	0.000	0		-	8.64	32,991	32,991	0.015	Operational	Renewable Natural Gas	Vehicle Fuel	0.7564	0.0682
Advanced Disposal Cranberry Creek Landfill LLC	WI	7,970,419	271,179	29	2.085	7,961	1,060	4,047		-	0.84	3,207	7,255	0.027	Operational	Direct	Boiler	0.0735	0.0073
Advanced Disposal Emerald Park Landfill LLC	WI	14,672,472	511,300	29	2.74	10,462		0		-	1.17	4,468	4,468	0.009	Operational	Electricity	Cogeneration	0.0952	0.0111
Advanced Disposal Glacier Ridge Landfill LLC	WI	14,030,520	624,706	22	3.575	13,651		0	0.3	600	0.187	19,200	19,200	0.031	Operational	Electricity	Microturbine	0.0136	0.0016
Advanced Disposal Hickory Meadows Landfill LLC	WI	12,558,035	809,550	16	3.244	12,387		0	4.8	9,600		9,600	9,600	0.012	Operational	Electricity	Reciprocating Engine	0.2169	0.0253
Dane County LF #2-Rodefild	WI	5,713,851	202,174	28	2.229	8,511	0.000	0		-	0.03	115	115	0.001	Operational	Renewable Natural Gas	Vehicle Fuel	0.0026	0.0002
Deer Track Park Landfill	WI		207,503	0	3.5	13,364		0	4.8	9,600	2.57	9,813	9,813	0.047	Operational	Electricity	Reciprocating Engine	0.2169	0.0253

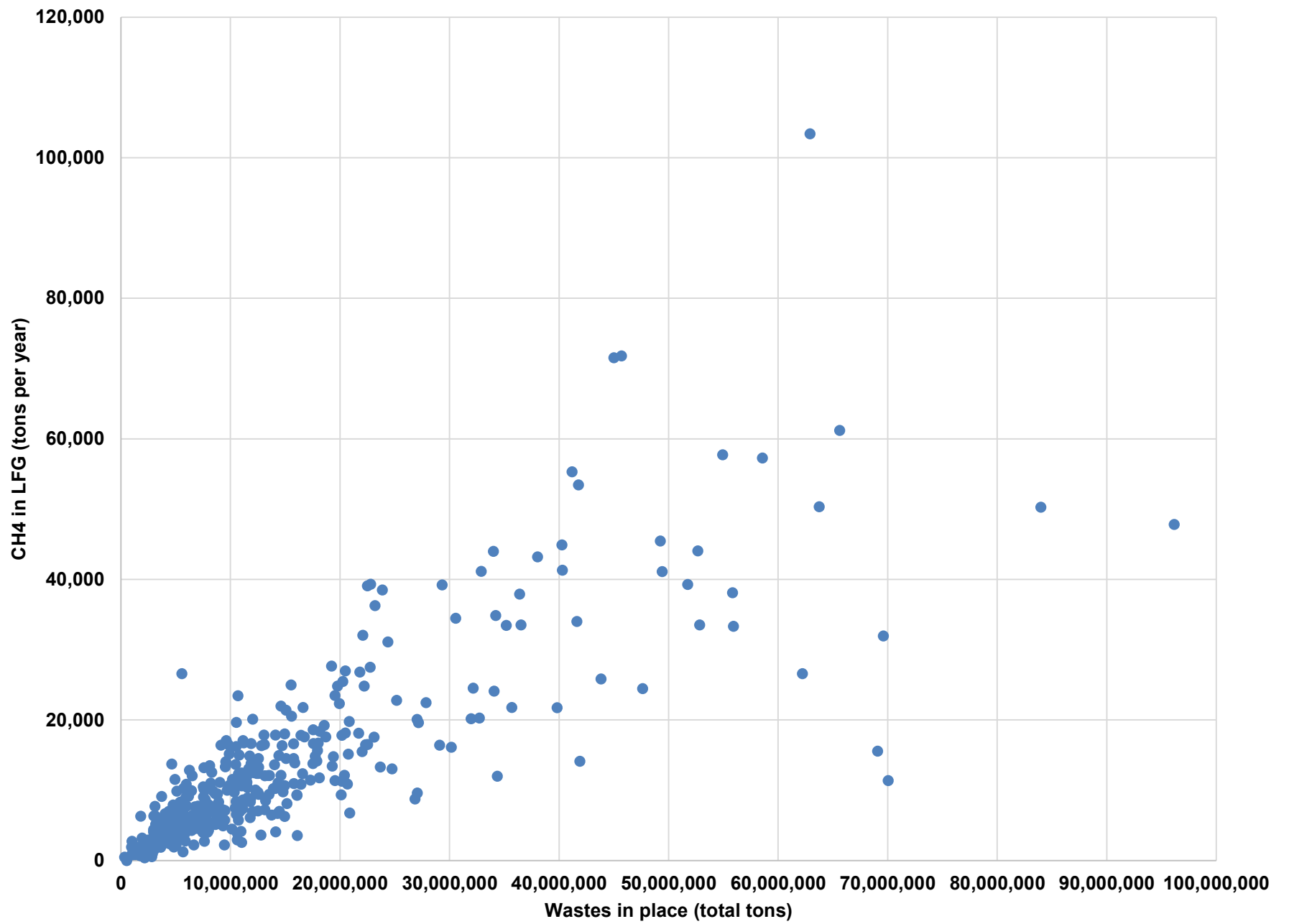
Current LMOP Landfill and LFG Energy Project Database - Operational Projects (Detailed Version)

Landfill Name	State	Waste in Place (tons)	MSW Landfilled (tons/year)	WIP tons/MSW tons/year	LFG Collected (mmscfd)	CH4 in LFG (tons/year)	LFG Flared (mmscfd)	CH4 in LFG flared (tons/year)	Actual MW Generation	Tons CH4 to electricity	LFG Flow to Projects (mmscfd)	Tons CH4 to projects	Total CH4 tons (LFG flared + LFG to projects)	CH4 tons projects+flare/tons landfilled	Current Project Status	Project Type Category	LFG Energy Project Type	Current Year Emission Reductions (MMTCO2e/yr) - Direct	Current Year Emission Reductions (MMTCO2e/yr) - Avoided
Janesville City/Rock County Landfill	WI	4,885,338	181,781	27	0.959	3,662	0.000	0	3.15	6,300	1.31	5,002	5,002	0.028	Operational	Electricity	Reciprocating Engine	0.1423	0.0166
Kestrel Hawk Landfill	WI	13,955,717	277,849	50	2.68	10,233		0	3.2	6,400		6,400	6,400	0.023	Operational	Electricity	Cogeneration	0.1446	0.0169
La Crosse County Landfill	WI	1,932,957	60,383	32	0.379	1,447	0.000	0	0.75	1,500	0.378	1,443	1,443	0.024	Operational	Electricity	Cogeneration	0.0339	0.0040
Marathon County Landfill	WI	4,869,749	168,919	29	1.104	4,216		0	2.4	4,800		4,800	4,800	0.028	Operational	Electricity	Cogeneration	0.1084	0.0127
Metro RDF	WI	24,752,140	413,111	60	3.42	13,060	0.253	965	2.7	5,400	1.38	5,269	6,235	0.015	Operational	Electricity	Reciprocating Engine	0.1220	0.0142
Orchard Ridge RDF	WI	35,188,046	976,131	36	9.643	33,473		0	5.85	11,700		11,700	11,700	0.012	Shutdown	Electricity	Gas Turbine	0.0000	0.0000
Outagamie County LF	WI	11,497,762	722,980	16	2.923	11,161		0	4.8	9,600	2.16	8,248	8,248	0.011	Operational	Electricity	Reciprocating Engine	0.2169	0.0253
Ridgeview RDF	WI	13,754,795	341,893	40	1.867	6,481	0.000	0	2.25	4,500	1.188	4,124	4,124	0.012	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Timberline Trail Recycling & Disposal Facility	WI	4,304,545	120,075	36	2.7	6,327		0	3	6,000	1.7	5,901	5,901	0.049	Shutdown	Electricity	Reciprocating Engine	0.0000	0.0000
Valley Trail Recycling & Disposal Facility	WI	11,030,650	286,726	38	1.657	2,585	0.472	1,802		-	0.46	1,756	3,559	0.012	Operational	Direct	Boiler	0.0403	0.0040
City of Charleston Landfill	WV	4,977,316	204,151	24	0.677	2,677		0		-	0.677	2,585	2,585	0.013	Operational	Renewable Natural Gas	Vehicle Fuel	0.0593	0.0053
Raleigh County SWA Landfill	WV	3,746,103	102,012	37	0.701	2,677		0	1.3	2,600		2,600	2,600	0.025	Operational	Electricity	Reciprocating Engine	0.0587	0.0069
Wetzel County Landfill	WV	1,000,000	60,000	17	0.72	2,749	0.432	1,650		-	0.15	573	2,222	0.037	Operational	Direct	Boiler	0.0131	0.0013
SUBTOTAL OF ALL OPER.	Total	5,582,365,956	210,150,275		1,342	5,063,916	153	577,771	998	1,917,058	644	2,883,673	3,461,444	0.022				56.6	6.2
			191,045,705	metric tons				CH4 electr/CH4 projects=			0.833	84%	3,461,444	short tons					million tonnes CO2
Equivalence: 1 mmscfd, 365 days		3,818	tons CH4										3,146,767	metric tons			Tonnes CO2,eq=	786,775.0	79 million tonnes
Equivalence: 1MW-year=		2,000	tons CH4																









Landfill Name	Waste in Place (tons)	MSW landfilled (tons/year)	CH4 in LFG flared (tons/year)	Actual MW Generation	Tons CH4 to electricity	Tons CH4 to projects	Total CH4 tons (flared + projects)	CH4 tons flared+projects/ tons landfilled
Acme LF	10,800,000	540,000	0	1.9	3,800	3,800	3,800	0.007
Altamont Landfill & Resource Recovery Facility	62,224,563	1,093,632	0		0	13,250	13,250	0.012
BKK Landfill-Phases I & II	49,245,368	2,456,370	2,085	6	12,000	12,000	14,085	0.006
Buena Vista Drive SLF	4,111,415	105,869	0	3.18	6,360	5,880	5,880	0.056
Burbank LF Site No. 3	2,000,000	40,722	0	0.55	1,100	1,100	1,100	0.027
Calabasas SLF	27,174,083	406,437	0	4.5	9,000	9,000	9,000	0.022
Chiquita Canyon SLF	40,308,159	1,491,779	18,286	6	12,000	14,892	33,178	0.022
City of Santa Cruz SLF	3,024,722	55,880	0	1.6	3,200	3,200	3,200	0.057
Cold Canyon LF Solid Waste Disposal Site	6,317,091	170,123	0		0	3,849	3,849	0.023
Foothill Sanitary Landfill, Inc.	5,599,948	289,351	0	3.36	6,720	6,033	6,033	0.021
Forward Landfill	27,029,334	897,932	15,633	3.4	6,800	5,919	21,551	0.024
Frank R. Bowerman SLF	54,928,377	2,461,277	16,686	22.4	44,800	41,048	57,734	0.023
Johnson Canyon SLF	3,102,622	208,221	3,742	1.4	2,800	2,024	5,766	0.028
Keller Canyon LF	19,935,762	1,123,208	15,358	3.8	7,600	6,224	21,582	0.019
Kiefer LF	30,557,161	884,528	4,097	7.26	14,520	17,412	21,509	0.024
Monterey Peninsula SLF	11,823,644	602,112	0	1.2	2,400	2,400	2,400	0.004
Neal Road Recycling and Waste Facility	6,050,515	192,133	0	1.4	2,800	3,246	3,246	0.017
North Miramar SLF		627,380	1,031	3.2	6,400	6,606	7,637	0.012
Olinda Alpha SLF	83,988,930	2,815,733	3,303	23.4	46,800	40,475	43,778	0.016
Orange Avenue Disposal Inc.	1,000,000	529,878	0	0.22	440	440	440	0.001
Otay LF	39,827,486	1,619,867	0	1.8	3,600	3,600	3,600	0.002
Ox Mountain SLF	34,067,875	1,197,053	0	9.7	19,400	18,328	18,328	0.015
Potrero Hills SLF	18,552,642	1,195,731	0	7.12	14,240	12,601	12,601	0.011
Prima Deshecha SLF	22,331,121	576,662	4,124	5.5	11,000	12,372	16,495	0.029
Recology Hay Road LF	6,506,130	698,308	0	1.6	3,200	4,008	4,008	0.006
Recology Ostrom Road LF	5,083,592	249,062	0	1.6	3,200	3,810	3,810	0.015
Redwood SLF	15,768,857	437,994	7,736	3.3	6,600	6,797	14,533	0.033
Santa Maria Regional Landfill	5,817,495	112,182	924	1	2,000	1,650	2,574	0.023
Savage Canyon LF	4,291,008	88,571	1,142	1.1	2,200	1,604	2,745	0.031
Sonoma County Central Disposal Site	15,148,749	655,796	4,624	3.2	6,400	4,790	9,414	0.014
Sonoma County Central Disposal Site		337,517	5,086	2.53	5,060	6,148	11,234	0.033
Sunshine Canyon Landfill	62,900,800	2,018,882	0	20	40,000	45,821	45,821	0.023
Sycamore SLF	30,161,247	988,474	5,110	1.48	2,960	2,960	8,070	0.008
Sycamore SLF		973,826	5,621	2.5	5,000	5,000	10,621	0.011
Tajiguas SLF	11,999,911	214,890	1,207	3.1	6,200	5,728	6,934	0.032
Vasco Road SLF	27,067,777	774,529	0	4.3	8,600	7,790	7,790	0.010
West Contra Costa SLF	14,950,000	296,676	0	2	4,000	4,000	4,000	0.013
West Miramar SLF	43,828,172	868,432	0	3.3	6,600	6,600	6,600	0.008
Western Regional SLF	7,711,744	283,532	0	1.6	3,200	3,200	3,200	0.011
Yolo County Central LF	8,362,222	204,412	0	1.75	3,500	5,346	5,346	0.026
Total:	823,598,522	30,784,961	115,793	173	346,500	360,947	476,740	0.019 average

Landfill Name	Waste in Place (tons)	MSW landfilled (tons/year)	CH4 in LFG (tons/year)	CH4 in LFG flared (tons/year)	Actual MW Generation	Tons CH4 to electricity	Tons CH4 to projects	Total CH4 tons (flared + projects)	CH4 tons flared+projects/tons landfilled
Albany Landfill	9,581,245	146,894	14,052	0.00	1.90	3,800	3,818	3,818	0.026
Ava Landfill	3,108,871	265,042	7,709	0.00	1.42	2,840	2,840	2,840	0.011
Broome County Landfill	8,228,140	169,498	7,710	0.00	1.30	2,600	2,499	2,499	0.015
Chaffee LF	12,550,993	632,753	14,533	0.00	4.60	9,200	9,928	9,928	0.016
Chautauqua County	7,507,370	218,990	10,504	0.00	5.20	10,400	10,310	10,310	0.047
Clinton County Regional Landfill	4,927,827	204,658	11,532	1,603.73	4.38	8,760	9,737	11,341	0.055
DANC Solid Waste M'g't Facility	6,257,658	249,491	12,868	0.00	4.80	9,600	8,782	8,782	0.035
Franklin County Regional Landfill	1,794,051	84,095	680	0.00		0	275	275	0.003
Fulton County LF	2,916,877	147,872	3,261	0.00	3.20	6,400	5,728	5,728	0.039
High Acres LF and Recycling Center	23,192,867	1,169,638	36,290	0.00	3.00	6,000	6,000	6,000	0.005
Hyland LF	6,231,184	496,426	9,722	649.13	4.40	8,800	9,073	9,722	0.020
Madison County Landfill	1,919,438	55,642	1,951	0.00	0.98	1,960	1,960	1,960	0.035
Mill Seat LF	13,063,164	628,203	17,870	4,673.71	4.50	9,000	9,897	14,571	0.023
New Bath Landfill	3,446,422	144,894	4,582	0.00	3.20	6,400	4,658	4,658	0.032
Ontario County SLF	15,531,609	998,191	24,972	0.00	3.20	6,400	7,255	7,255	0.007
Seneca Meadows SWMF	45,013,302	2,146,452	71,553	0.00	4.00	8,000	9,088	9,088	0.004
Town of Colonie SLF	7,898,802	337,268	7,560	0.00	3.82	7,640	7,560	7,560	0.022
	173,169,820	8,096,007	257,348	6,926.57	53.90	107,800	109,408	116,335	0.023

LMOP Database Field Descriptions

Field Name	Description
GHGRP ID	GHGRP ID corresponds to the 7-digit Facility Identifier assigned to facilities required to report under EPA's Greenhouse Gas Reporting Program
Landfill ID	Unique identifying number for each landfill
Landfill Name	Landfill name
State	State landfill is located in
City	City landfill is located in or near
County	County landfill is located in
Ownership Type	Indicates if landfill is publicly owned, privately owned, or co-owned by public and private entities
Landfill Owner Organization(s)	Organization that owns the landfill
Waste in Place (tons)	Waste-in-place at the landfill in short tons
Waste in Place Year	Year corresponding to the waste-in-place at the landfill (YYYY)
LFG Collection System In Place?	has perimeter gas wells.
LFG Collected (mmscfd)	Amount of landfill gas being collected in million standard cubic feet per day
LFG Flared (mmscfd)	Amount of landfill gas flared (if project is operational, amount of landfill gas flared in back-up flare(s)) in million standard cubic feet per day
Project ID	Unique identifying number combination for "parent" project and "expansion" number
Current Project Status	Current project status (Operational, Construction, Planned, Shutdown, Candidate, Future Potential, Low Potential, Unknown)
Project Name	Specific project name (if applicable)
Project Start Date	Date project or expansion became operational (MM/DD/YYYY)
Project Type Category	Category of LFG energy project type (Electricity, Direct, Renewable Natural Gas)
LFG Energy Project Type	Specific type of LFG energy project technology
RNG Delivery Method	Method for delivery of the renewable natural gas (Pipeline Injection, Local Use, Unknown)
LFG Use Details	Details about the specific use of landfill gas in the project
Actual MW Generation	Actual or estimated electric generation in megawatts for electricity-generating projects
Rated MW Capacity	Rated capacity in megawatts for electricity-generating projects
LFG Flow to Project (mmscfd)	Amount of landfill gas flowing to project or that will flow to the project when it becomes operational in million standard cubic feet per day
End User(s)	Name of end user organization
Project Developer(s)	Name of project developer organization
Project Owner(s)	Name of project owner organization
Self-Developed	'Yes' indicates that a third-party developer did not develop the project; if the landfill owner or end user developed the project, the project is considered
Direct	Direct methane reductions by the energy project for the current year
Avoided	Avoided carbon dioxide emission reductions by the energy project for the current year

CH4 balance in LMOP of May 18

Mass balance of CH4:		
Actual MW generated	1,042	MW
Short tons CH4/Mwyear	2,000	tons CH4. Mwyear
CH4 short tons to electricity	2,084,000	short tons CH4
LFG flow to projects;	661	mmscfd
Tons CH4/mmscfd	3,818	tons/mmscfd
CH4 short tons to projects	2,523,698	short tons CH4
LFG flared	154	mmscfd
CH4 short tons flared	587,972	
Total tons CH4/year	3,111,670	
From "LFG collected":	1,401	mmscfd
CH4 short tons in LFG collected	5,349,018	
It appears that LFG collected is only LFG to projects +LFG flared:		
tons to projects +flared	3,111,670	short tons CH4
Therefore:	0.014	t CH4/t MSW
In order for tons collected== tons projects+tons flared. days per year must be		
	212	days/year
CO2 reduction due to collection of 3.1 million short tons of CH3		
	59.2	million tons CO2 equivalent
Compare with LMOP estimate of		
	57.3 million tonnes CO2 equ.	
LMOP apparently used 21 tons CO2/ton CH4		