



IEPA/BOA/IL-2026-001

2025 Annual Greenhouse Gas Emissions Report

2025 Annual Greenhouse Gas Emissions Report

Pursuant to Section (n) of the Illinois Climate and Equitable Jobs Act (CEJA) (415 Illinois Compiled Statutes 5/9.15), the Illinois EPA (Agency) here provides, “a report setting forth the actual Greenhouse Gas (GHG) emissions from individual units and the aggregate statewide emissions from all units for the prior year” for all units subject to CEJA in Illinois for the year 2025.

CEJA defines “carbon dioxide emission” as, “the plant annual CO₂ total output emission as measured by the U.S. EPA in its Emissions and Generation Resource Integrated Database (eGrid), or its successor.” Because eGrid emissions data has not been updated beyond 2023, the Agency has utilized U.S. EPA’s Clean Air Markets Program Data (CAMPD)¹ database to obtain 2025 CO₂ emissions data for the large majority of the CEJA-subject units in the state. For units for which CAMPD 2025 CO₂, methane (CH₄), and nitrous oxide (N₂O) emissions data was not available, the Agency used a combination of source-reported data from Annual Emission Reports (AERs) and emission factors from the Mandatory Greenhouse Gas Reporting requirements from Title 40 of the Code of Federal Regulations Part 98 (40 CFR Part 98). Table 1 below shows the combination of each unit’s CO₂, CH₄, and N₂O emissions in 2025, weighted by each pollutant’s global warming potential from 40 CFR Part 98 Subpart A, to calculate the CO₂ equivalent (CO₂e) emissions from each CEJA-subject unit, as specified by the CEJA definition for “carbon dioxide equivalent emissions.” Retired units are recorded in Table 2.

Using the above data and methodologies, the Agency calculates that all CEJA-subject units in Illinois had aggregated emissions of 49,967,796 short tons of CO₂e in 2025. Units combusting natural gas composed of 27.14 percent (13,561,445 short tons), units combusting coal composed of 72.84 percent (36,396,945 short tons), and units combusting fuel oil composed of 0.019 percent of emissions (9,406 short tons) of these GHG emissions.

¹ Clean Air Markets Program Data website: <https://campd.epa.gov/>

Table 1. Units Subject to CEJA and Emissions

Facility Name	Unit ID	City	County	CO2 Mass (tons)	CH4 (tons)	N2O (tons)	CO2e (tons)
Alsey Station	ACT1	Alsey	Scott	1,509	0.03	0.00	1,510
Alsey Station	ACT2	Alsey	Scott	1,422	0.03	0.00	1,423
Alsey Station	ACT5	Alsey	Scott	660	0.01	0.00	661
Alsey Station	ACT6	Alsey	Scott	14,274	0.26	0.03	14,289
Archer Daniels Midland Co.	FBC1	Decatur	Macon	283,933	32	0.01	284,835
Archer Daniels Midland Co.	FBC2	Decatur	Macon	281,217	32	0.00	282,109
Archer Daniels Midland Co.	FBC3	Decatur	Macon	275,573	31	0.01	276,448
Archer Daniels Midland Co.	FBC4	Decatur	Macon	273,499	31	0.01	274,358
Archer Daniels Midland Co.	FBC5	Decatur	Macon	283,863	32	0.01	284,753
Archer Daniels Midland Co.	FBC6	Decatur	Macon	291,371	33	0.01	292,286
Archer Daniels Midland Co.	FBC7	Decatur	Macon	0	0	0	-
Archer Daniels Midland Co.	FBC8	Decatur	Macon	756,121	80.09	11.66	761,454
Archer Daniels Midland Co.	FBC9	Decatur	Macon	790,821	93.29	13.58	797,032
Archer Daniels Midland Co.	GB1	Decatur	Macon	51,488	0.97	0.94	51,765
Archer Daniels Midland Co.	GB2	Decatur	Macon	47,378	0.89	0.87	47,634
Aurora	AGS01	Aurora	Du Page	40,053	0.74	0.07	40,094
Aurora	AGS02	Aurora	Du Page	35,188	0.65	0.07	35,223
Aurora	AGS03	Aurora	Du Page	32,741	0.61	0.06	32,774
Aurora	AGS04	Aurora	Du Page	33,567	0.62	0.06	33,601
Aurora	AGS05	Aurora	Du Page	26,767	0.50	0.05	26,794
Aurora	AGS06	Aurora	Du Page	27,412	0.51	0.05	27,439
Aurora	AGS07	Aurora	Du Page	25,017	0.46	0.05	25,042
Aurora	AGS08	Aurora	Du Page	26,443	0.49	0.05	26,469
Aurora	AGS09	Aurora	Du Page	27,358	0.51	0.05	27,386
Aurora	AGS10	Aurora	Du Page	26,372	0.49	0.05	26,398
Baldwin Energy Complex	1	Baldwin	Randolph	3,270,414	378.09	55.00	3,295,574
Baldwin Energy Complex	2	Baldwin	Randolph	3,535,928	408.79	59.46	3,563,131
Calumet Energy Team, LLC	**1	Chicago	Cook	2,282	0.04	0.00	2,284
Calumet Energy Team, LLC	**2	Chicago	Cook	2,942	0.05	0.01	2,945
Cordova Energy Company	1	Cordova	Rock Island	236,738	4.39	0.44	236,977
Cordova Energy Company	2	Cordova	Rock Island	226,491	4.20	0.42	226,720
CPV Three Rivers Energy Center	1	Morris	Grundy	1,265,261	23.47	2.35	1,266,540
CPV Three Rivers Energy Center	2	Morris	Grundy	1,268,366	23.53	2.35	1,269,648
Crete Energy Park	GT1	Crete	Will	11,414	0.21	0.02	11,425
Crete Energy Park	GT2	Crete	Will	15,038	0.28	0.03	15,053
Crete Energy Park	GT3	Crete	Will	12,705	0.24	0.02	12,718

Facility Name	Unit ID	City	County	CO2 Mass (tons)	CH4 (tons)	N2O (tons)	CO2e (tons)
Crete Energy Park	GT4	Crete	Will	9,908	0.18	0.02	9,918
Dallman	4	Springfield	Sangamon	1,117,863	132.30	19.24	1,126,667
Elgin Energy Center, LLC	CT01	Elgin	Cook	38,637	0.72	0.07	38,676
Elgin Energy Center, LLC	CT02	Elgin	Cook	36,077	0.67	0.07	36,114
Elgin Energy Center, LLC	CT03	Elgin	Cook	26,536	0.49	0.05	26,563
Elgin Energy Center, LLC	CT04	Elgin	Cook	41,080	0.76	0.08	41,121
Elwood Energy Facility	1	Elwood	Will	16,750	0.31	0.03	16,767
Elwood Energy Facility	2	Elwood	Will	14,531	0.27	0.03	14,546
Elwood Energy Facility	3	Elwood	Will	17,661	0.33	0.03	17,679
Elwood Energy Facility	4	Elwood	Will	15,769	0.29	0.03	15,785
Elwood Energy Facility	5	Elwood	Will	24,683	0.46	0.05	24,708
Elwood Energy Facility	6	Elwood	Will	24,985	0.46	0.05	25,011
Elwood Energy Facility	7	Elwood	Will	21,084	0.39	0.04	21,105
Elwood Energy Facility	8	Elwood	Will	4,863	0.09	0.01	4,868
Elwood Energy Facility	9	Elwood	Will	4,637	0.09	0.01	4,641
Fisk	311	Chicago	Cook	894	0.04	0.01	897
Fisk	312	Chicago	Cook	354	0.01	0.00	355
Fisk	321	Chicago	Cook	876	0.04	0.01	879
Fisk	322	Chicago	Cook	1,045	0.04	0.01	1,049
Fisk	331	Chicago	Cook	900	0.04	0.01	902
Fisk	332	Chicago	Cook	496	0.02	0.00	498
Fisk	341	Chicago	Cook		0.00	0.00	-
Fisk	342	Chicago	Cook	668	0.03	0.01	671
Gibson City Energy Center, LLC	GCTG1	Gibson City	Ford	16,396	0.30	0.03	16,413
Gibson City Energy Center, LLC	GCTG2	Gibson City	Ford	38,142	0.71	0.07	38,180
Goose Creek Power Plant	CT-01	Monticello	Piatt	377	0.01	0.00	378
Goose Creek Power Plant	CT-02	Monticello	Piatt	921	0.02	0.00	922
Goose Creek Power Plant	CT-03	Monticello	Piatt	391	0.01	0.00	391
Goose Creek Power Plant	CT-04	Monticello	Piatt	980	0.02	0.00	981
Goose Creek Power Plant	CT-05	Monticello	Piatt	376	0.01	0.00	376
Goose Creek Power Plant	CT-06	Monticello	Piatt	467	0.01	0.00	468
Holland Energy Facility	CTG1	Beecher City	Shelby	361,072	6.70	0.67	361,437
Holland Energy Facility	CTG2	Beecher City	Shelby	359,918	6.68	0.67	360,282
INEOS Joliet, LLC	CB706	Joliet	Will		0.42	0.04	23
Interstate	1	Springfield	Sangamon	38,804	0.72	0.07	38,843
Invenergy Nelson Expansion LLC	3	Rock Falls	Lee	280,458	5.20	0.52	280,741

Facility Name	Unit ID	City	County	CO2 Mass (tons)	CH4 (tons)	N2O (tons)	CO2e (tons)
Invenergy Nelson Expansion LLC	4	Rock Falls	Lee	271,222	5.03	0.50	271,496
Jackson Generation, LLC	CTG-01	Elwood	Will	1,347,096	24.99	2.50	1,348,458
Jackson Generation, LLC	CTG-02	Elwood	Will	1,604,380	29.76	2.98	1,606,002
Kendall Energy Facility	GTG-1	Minooka	Kendall	699,618	12.98	1.30	700,326
Kendall Energy Facility	GTG-2	Minooka	Kendall	581,161	10.78	1.08	581,749
Kendall Energy Facility	GTG-3	Minooka	Kendall	668,389	12.40	1.24	669,065
Kendall Energy Facility	GTG-4	Minooka	Kendall	659,621	12.23	1.22	660,287
Kincaid Generating Station	1	Kincaid	Christian	1,405,553	162.50	23.64	1,416,367
Kincaid Generating Station	2	Kincaid	Christian	1,714,049	198.16	28.82	1,727,236
Kinmundy Power Plant	KCTG1	Patoka	Marion	2,341	0.04	0.00	2,343
Kinmundy Power Plant	KCTG2	Patoka	Marion	1,018	0.02	0.00	1,019
Lee County Generating Station, LLC	CT1	Dixon	Lee	7,668	0.14	0.01	7,676
Lee County Generating Station, LLC	CT2	Dixon	Lee	10,632	0.20	0.02	10,643
Lee County Generating Station, LLC	CT3	Dixon	Lee	8,648	0.16	0.02	8,657
Lee County Generating Station, LLC	CT4	Dixon	Lee	7,469	0.14	0.01	7,476
Lee County Generating Station, LLC	CT5	Dixon	Lee	8,376	0.16	0.02	8,385
Lee County Generating Station, LLC	CT6	Dixon	Lee	8,379	0.16	0.02	8,387
Lee County Generating Station, LLC	CT7	Dixon	Lee	8,531	0.16	0.02	8,539
Lee County Generating Station, LLC	CT8	Dixon	Lee	7,421	0.14	0.01	7,429
Lincoln Generating Facility	CTG-1	Manhattan	Will	979	0.02	0.00	980
Lincoln Generating Facility	CTG-2	Manhattan	Will	1,258	0.02	0.00	1,259
Lincoln Generating Facility	CTG-3	Manhattan	Will	1,003	0.02	0.00	1,004
Lincoln Generating Facility	CTG-4	Manhattan	Will	936	0.02	0.00	937
Lincoln Generating Facility	CTG-5	Manhattan	Will	761	0.01	0.00	761
Lincoln Generating Facility	CTG-6	Manhattan	Will	776	0.01	0.00	777
Lincoln Generating Facility	CTG-7	Manhattan	Will	907	0.02	0.00	908
Lincoln Generating Facility	CTG-8	Manhattan	Will	779	0.01	0.00	780
LSP University Park, LLC	CT01	Chicago	Cook	9,035	0.17	0.02	9,044
LSP University Park, LLC	CT02	Chicago	Cook	11,817	0.22	0.02	11,829
LSP University Park, LLC	CT03	Chicago	Cook	10,793	0.20	0.02	10,804
LSP University Park, LLC	CT04	Chicago	Cook	11,175	0.21	0.02	11,186
LSP University Park, LLC	CT05	Chicago	Cook	16,584	0.31	0.03	16,601
LSP University Park, LLC	CT06	Chicago	Cook	20,594	0.38	0.04	20,615

Facility Name	Unit ID	City	County	CO2 Mass (tons)	CH4 (tons)	N2O (tons)	CO2e (tons)
LSP University Park, LLC	CT07	Chicago	Cook	6,165	0.11	0.01	6,171
LSP University Park, LLC	CT08	Chicago	Cook	15,908	0.30	0.03	15,924
LSP University Park, LLC	CT09	Chicago	Cook	17,506	0.32	0.03	17,524
LSP University Park, LLC	CT10	Chicago	Cook	7,337	0.14	0.01	7,345
LSP University Park, LLC	CT11	Chicago	Cook	17,229	0.32	0.03	17,246
LSP University Park, LLC	CT12	Chicago	Cook	15,336	0.28	0.03	15,352
Marion	123	Marion	Williamson	1,022,328	117.19	17.05	1,030,127
Marion	5	Marion	Williamson	34,759	0.65	0.06	34,794
Marion	6	Marion	Williamson	46,609	0.87	0.09	46,656
Morris Cogeneration, LLC	B-5	Morris	Grundy	12,614	0.25	0.02	12,628
Morris Cogeneration, LLC	B-6	Morris	Grundy	11,668	0.21	0.02	11,680
Morris Cogeneration, LLC	CTG1	Morris	Grundy	45,707	0.86	0.09	45,755
Morris Cogeneration, LLC	CTG2	Morris	Grundy	139,832	2.63	0.27	139,978
Morris Cogeneration, LLC	CTG3	Morris	Grundy	132,491	2.49	0.26	132,631
Nelson Energy Center	1	Rock Falls	Lee	596,913	11.07	1.11	597,516
Nelson Energy Center	2	Rock Falls	Lee	695,618	12.90	1.29	696,321
Newton	1	Newton	Jasper	4,244,876	490.75	71.38	4,277,534
Pinckneyville Power Plant	CT01	Pinckneyville	Perry	10,870	0.20	0.02	10,881
Pinckneyville Power Plant	CT02	Pinckneyville	Perry	9,843	0.18	0.02	9,853
Pinckneyville Power Plant	CT03	Pinckneyville	Perry	10,761	0.20	0.02	10,772
Pinckneyville Power Plant	CT04	Pinckneyville	Perry	10,558	0.20	0.02	10,568
Pinckneyville Power Plant	CT05	Pinckneyville	Perry	228	0.00	0.00	228
Pinckneyville Power Plant	CT06	Pinckneyville	Perry	159	0.00	0.00	159
Pinckneyville Power Plant	CT07	Pinckneyville	Perry	137	0.00	0.00	137
Pinckneyville Power Plant	CT08	Pinckneyville	Perry	360	0.01	0.00	360
Powerton	51	Pekin	Tazewell	1,023,082	118.28	17.20	1,030,952
Powerton	52	Pekin	Tazewell	1,042,213	120.49	17.53	1,050,232
Powerton	61	Pekin	Tazewell	1,362,155	157.48	22.91	1,372,634
Powerton	62	Pekin	Tazewell	1,234,293	142.70	20.76	1,243,789
Prairie State Generating Station	1	Marissa	Washington	5,932,145	701.06	101.97	5,978,798
Prairie State Generating Station	2	Marissa	Washington	5,983,574	707.14	102.86	6,030,630
Raccoon Creek Power Plant	CT-01	Flora	Clay	199	0.00	0.00	199
Raccoon Creek Power Plant	CT-02	Flora	Clay	283	0.01	0.00	283
Raccoon Creek Power Plant	CT-03	Flora	Clay	364	0.01	0.00	365
Raccoon Creek Power Plant	CT-04	Flora	Clay	219	0.00	0.00	219
Rockford Energy Center	1	Rockford	Winnebago	28,832	0.53	0.05	28,861
Rockford Energy Center	2	Rockford	Winnebago	35,393	0.66	0.07	35,428
Rockford II Energy Center	U1	Rockford	Winnebago	31,849	0.59	0.06	31,881

Facility Name	Unit ID	City	County	CO2 Mass (tons)	CH4 (tons)	N2O (tons)	CO2e (tons)
Rocky Road Power, LLC	T1	East Dundee	Kane	11,043	0.20	0.02	11,054
Rocky Road Power, LLC	T2	East Dundee	Kane	7,374	0.14	0.01	7,382
Rocky Road Power, LLC	T3	East Dundee	Kane	105	0.00	0.00	105
Rocky Road Power, LLC	T4	East Dundee	Kane	7,741	0.14	0.01	7,749
Shelby County	SCE1	Neoga	Shelby	10,504	0.20	0.02	10,515
Shelby County	SCE2	Neoga	Shelby	15,983	0.30	0.03	16,000
Shelby County	SCE3	Neoga	Shelby	14,522	0.27	0.03	14,537
Shelby County	SCE4	Neoga	Shelby	14,362	0.27	0.03	14,377
Shelby County	SCE5	Neoga	Shelby	15,311	0.29	0.03	15,327
Shelby County	SCE6	Neoga	Shelby	15,040	0.28	0.03	15,056
Shelby County	SCE7	Neoga	Shelby	12,391	0.23	0.02	12,404
Shelby County	SCE8	Neoga	Shelby	12,483	0.23	0.02	12,495
Tilton Power Station	1	Tilton	Vermilion	10,773	0.20	0.02	10,784
Tilton Power Station	2	Tilton	Vermilion	7,752	0.14	0.01	7,760
Tilton Power Station	3	Tilton	Vermilion	11,085	0.21	0.02	11,097
Tilton Power Station	4	Tilton	Vermilion	9,727	0.18	0.02	9,737
University Park Energy	UP1	University Park	Will	8,035	0.15	0.01	8,043
University Park Energy	UP10	University Park	Will	6,980	0.13	0.01	6,987
University Park Energy	UP11	University Park	Will	9,088	0.17	0.02	9,097
University Park Energy	UP12	University Park	Will	9,495	0.18	0.02	9,505
University Park Energy	UP2	University Park	Will	7,346	0.14	0.01	7,353
University Park Energy	UP3	University Park	Will	8,546	0.16	0.02	8,554
University Park Energy	UP4	University Park	Will	7,518	0.14	0.01	7,525
University Park Energy	UP5	University Park	Will	8,282	0.15	0.02	8,290
University Park Energy	UP6	University Park	Will	8,119	0.15	0.02	8,127
University Park Energy	UP7	University Park	Will	7,902	0.15	0.01	7,910
University Park Energy	UP8	University Park	Will	7,521	0.14	0.01	7,529
University Park Energy	UP9	University Park	Will	8,459	0.16	0.02	8,467
Venice	CT03	Venice	Madison	5,747	0.11	0.01	5,753
Venice	CT04	Venice	Madison	3,294	0.06	0.01	3,298

Facility Name	Unit ID	City	County	CO2 Mass (tons)	CH4 (tons)	N2O (tons)	CO2e (tons)
Venice	CT05	Venice	Madison	1,581	0.03	0.00	1,583
Venice	CT2A	Venice	Madison	409	0.01	0.00	410
Venice	CT2B	Venice	Madison	361	0.01	0.00	361
Waukegan	311	Waukegan	Lake	949	0.04	0.01	952
Waukegan	312	Waukegan	Lake	1,094	0.04	0.01	1,098
Waukegan	321	Waukegan	Lake	970	0.04	0.01	973
Waukegan	322	Waukegan	Lake	1,130	0.05	0.01	1,134
Zion Energy Center	CT-1	Zion	Lake	121,570	2.25	0.23	121,692
Zion Energy Center	CT-2	Zion	Lake	102,911	1.90	0.19	103,015
Zion Energy Center	CT-3	Zion	Lake	86,675	1.60	0.16	86,762
United States Steel Corporation - Granite City Works	PB#1	Granite City	Madison	170,867	3.22	3.22	171,811

Table 2. Units Retired

Facility Name	Unit ID	Operating Hours	City	County	Explanation
Dallman	33	0	Springfield	Sangamon	No emissions reported for 2022-2025
ED Edwards	2	0	Bartonville	Peoria	Permit withdrawn 2023, No emissions reported for 2024-2025
ED Edwards	3	0	Bartonville	Peoria	Permit withdrawn 2023, No emissions reported for 2024-2025
Freedom Power Project	CT1	0	St Elmo	Fayette	Permit withdrawn 6/28/2024
Grand Tower Energy Center, LLC	CT01	0	Grand Tower	Jackson	Permit withdrawn 4/26/2024, No emissions reported for 2021-2025
Grand Tower Energy Center, LLC	CT02	0	Grand Tower	Jackson	Permit withdrawn 4/26/2024, No emissions reported for 2021-2025
Joliet 29	CS7172	0	Joliet	Will	Permit withdrawn 4/11/2024, No emissions reported for 2024-2025
Joliet 29	CS8182	0	Joliet	Will	Permit withdrawn 4/11/2024, No emissions reported for 2024-2025

Facility Name	Unit ID	Operating Hours	City	County	Explanation
Joliet 9	5	0	Joliet	Will	Permit withdrawn 4/11/2024, No emissions reported for 2024-2025
Joppa Steam	1	0	Joppa	Massac	Permit withdrawn 2023, No emissions reported for 2024-2025
Joppa Steam	2	0	Joppa	Massac	Permit withdrawn 2023, No emissions reported for 2024-2025
Joppa Steam	3	0	Joppa	Massac	Permit withdrawn 2023, No emissions reported for 2024-2025
Joppa Steam	4	0	Joppa	Massac	Permit withdrawn 2023, No emissions reported for 2024-2025
Joppa Steam	5	0	Joppa	Massac	Permit withdrawn 2023, No emissions reported for 2024-2025
Joppa Steam	6	0	Joppa	Massac	Permit withdrawn 2023, No emissions reported for 2024-2025
MEPI GT Facility	1	0	Joppa	Massac	Permit withdrawn 9/1/2022, No emissions reported for 2022-2025
MEPI GT Facility	2	0	Joppa	Massac	Permit withdrawn 9/1/2022, No emissions reported for 2022-2025
MEPI GT Facility	3	0	Joppa	Massac	Permit withdrawn 9/1/2022, No emissions reported for 2022-2025
MEPI GT Facility	4	0	Joppa	Massac	Permit withdrawn 9/1/2022, No emissions reported for 2022-2025
MEPI GT Facility	5	0	Joppa	Massac	Permit withdrawn 9/1/2022, No emissions reported for 2022-2025
Southeast Chicago Energy Project	CTG10	0	Chicago	Cook	Permit withdrawn 7/26/2024, no emissions reported for 2023-2025
Southeast Chicago Energy Project	CTG11	0	Chicago	Cook	Permit withdrawn 7/26/2024, no emissions reported for 2023-2025
Southeast Chicago Energy Project	CTG12	0	Chicago	Cook	Permit withdrawn 7/26/2024, no emissions reported for 2023-2025

Facility Name	Unit ID	Operating Hours	City	County	Explanation
Southeast Chicago Energy Project	CTG5	0	Chicago	Cook	Permit withdrawn 7/26/2024, no emissions reported for 2023-2025
Southeast Chicago Energy Project	CTG6	0	Chicago	Cook	Permit withdrawn 7/26/2024, no emissions reported for 2023-2025
Southeast Chicago Energy Project	CTG7	0	Chicago	Cook	Permit withdrawn 7/26/2024, no emissions reported for 2023-2025
Southeast Chicago Energy Project	CTG8	0	Chicago	Cook	Permit withdrawn 7/26/2024, no emissions reported for 2023-2025
Southeast Chicago Energy Project	CTG9	0	Chicago	Cook	Permit withdrawn 7/26/2024, no emissions reported for 2023-2025
Waukegan	7	0	Waukegan	Lake	Permit withdrawn 2022, No emissions reported for 2023-2025
Waukegan	8	0	Waukegan	Lake	Permit withdrawn 2022, No emissions reported for 2023-2025
Will County 4	4	0	Romeoville	Will	Permit withdrawn 2024, No emissions reported for 2023-2025

State of Illinois
Illinois Environmental Protection Agency

Annual Greenhouse Gas Emissions Report for Sources
Subject to the Illinois Climate and Equitable Jobs Act - 2025