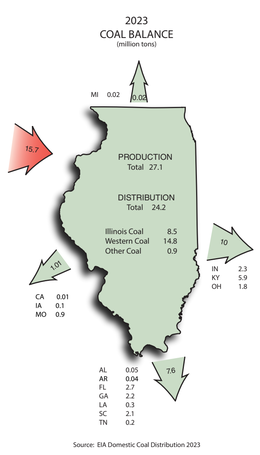
ILLINOIS STATE GEOLOGICAL SURVEY
Prairie Research Institute
University of Illinois at Urbana-Champaign

Illinois Map 13 2023 Revision
(Previous - 2018, 2013, 2011, 2008, 2022)

Coal Industry in Illinois

Compiled by Samantha Hager
2023 Revision



Source: EIA Domestic Coal Distribution 2023

The numbers in the figure above should be considered a guide because of unaccounted-for small-facility coal consumption.

Extent of Pennsylvanian System rocks
Active mines
Idle mines
Mined-out area, surface
Mined-out area, both surface and underground
Mined-out area, underground
Metropolitan area

2 Coal-handling dock (number refers to table below)
3 Active coal mine (number refers to table below)
4 Coal-fueled electric power plant (number refers to table below)
5 Major coal-fueled industrial or institutional plant (number refers to table below)

Note: Rivers, roads, and cities are selectively represented for geographic reference.

Docks Moving Coal In or Out of Illinois

Waterway Map no., company	Dock name	Terminal type[1]	River mile	Transportation[2]
Illinois Waterway				
1. Illinois Port Association	Havana Regional Port	U	118.6	IMRR
2. Growmark, Inc.	Mapleton Terminal	U	147.0	TK, TPW
3. Peoria Barge Terminal, Inc.	Peoria Barge Terminal Wharf	L/U	160.4	UP, TPW, TZPR, TK
4. J & L Dock Facilities, Inc.	J & L Port of Peoria Wharf	U	160.6	TK, BG
5. Vistra Energy	Hennepin Power Station Coal Dock	U	211.8	ACL
Ohio River				
6. American Electric Power	Cook Coal Terminal	L/U	947.5	BNSF, UP
7. Consolidated Terminals and Logistics Co.	Mound City Terminal	L/U	973.0	CN
Upper Mississippi River				
8. Watco Companies / Southern Coal Handling Services, LLC.	Cora Terminal Wharf	L/U	98.5	UP
9. Knight Hawk Coal	Lone Eagle Dock	L	105.0	TK
10. Kinder Morgan Energy Partners.	Kellogg Dock	L/U	125.6	UP
11. Watco Companies	Sauget Cahokia Terminal	L/U	178.2	UP, KCS, TK
12. SCF	Mid-Coast Terminal	L/U	185.6	NS

[1] Terminal type codes: L, loading; U, unloading.
[2] See Transportation and Rail Service Codes table for definitions of abbreviations.

Active Coal Mines as of January 2024

Mine operating company Map no., mine name	Seam(s) mined	County	Year opened	2023 production (1,000 tons)	Possible transportation[1]
UNDERGROUND MINES					
Hamilton County Coal, LLC					
1. Hamilton #1	Herrin	Hamilton	2013	5,624	EVWR, BG
ACI Illinois					
2. Viper[2]	Springfield	Logan, Sangamon	1982	679	TK
Knight Hawk Coal, LLC					
3. Prairie Eagle UG	Herrin	Perry	2006	4,337	TK, BG
M-Class Mining, LLC					
4. MC #1	Herrin	Franklin	2010	5,791	CN, EVWR, EVWR/CSXT, EVWR/NS
Mach Minging LLC					
5. Pond Creek	Herrin	Williamson	2006	7,025	CN, TK
Patton Mining, LLC					
6. Deer Run	Herrin	Montgomery	2010	3,476	CN, TK
Peabody Midwest Mining					
7. Gateway North	Herrin	Randolph	2015	2,437	UP, TK, BG
Prairie State Generating Co.					
8. Lively Grove	Herrin	Washington	2010	6,712	Conveyor
Sunrise Coal, LLC					
9. Oaktown Fuels #2	Springfield	Sangamon	2012	1,917	CSXT, NS, TK
SURFACE MINES					
Eagle River Coal, LLC					
10. Eagle River Mine #1[3]	Dekoven and Davis	Saline	2011	0	TK, BG
Knight Hawk Coal, LLC					
11. Black Hawk[3]	Herrin, Springfield	Randolph	2012	0	CN, TK, BG
12. Golden Eagle	Herrin, Springfield	Perry	2015	340	TK, BG
13. Hawkeye	Springfield	Randolph	2011	7	BG
14. Red Hawk[3]	Herrin, Springfield	Perry	2001	34	TK, BG
Responsible Energy Operations					
15. Friendsville	Friendsville	Wabash	2002	35	NS, TK

[1] See Transportation and Rail Service Codes table for definitions of abbreviations
[2] Viper Mine stopped producing coal in July 2023.
[3] Idle 2023.

Major Coal-Fueled Industrial and Institutional Plants[1]

Company Map no., plant	County	Nameplate capacity CHP[2] (MW)	Coal purchased in 2023 (1,000 tons)
Archer Daniels Midland			
1. Decatur	Macon	335.0	272
Southern Illinois University Carbondale			
2. SIUC Power Plant	Jackson	2.8	2

[1] Source: U.S. Department of Energy, Energy Information Administration (EIA), 2017 Final EIA-923 Monthly Time Series File, EIA-923 and EIA-860.
[2] CHP, Combined heat and power.

Coal-Fueled Electric Power Plants[1]

Plant operator Map no., plant (year built)	County	Generation capacity (MW)	Coal purchased in 2023 (1,000 tons)	Origin of coal purchased in 2023 (1,000 tons)		Possible terminating transportation[2]
				Illinois	Western	
City of Springfield						
1. Dallman I-IV (1968; 1972; 1978; 2009)--	Sangamon	230.1	368	368		TK
Dynegy Kincaid Generation						
2. Kincaid (1967; 1968)--	Christian	1,112	1,928		1,928	IMRR
Dynegy Midwest Generation Inc.						
3. Baldwin (1970)--	Randolph	1,157	4,596		4,596	CN
Illinois Power Generating Co.						
4. Newton (1977)--	Jasper	595	2,601		2,601	CN
Midwest Generation EME, LLC						
5. Powerton (1972; 1975)--	Tazewell	1,538	1,633		1,633	IMRR
Prairie State Generating Company						
6. Prairie State Generating Station (2012)	Washington	1,630	6,722	6,722		Mine mouth, Conveyor

[1] Sources: U.S. Dept. of Energy, Energy Information Administration (EIA), Fuel Receipts and Cost, EIA-923 Schedule 2, and EIA-860.
[2] See Transportation and Rail Service Codes for definitions of abbreviations.

Transportation and Rail Service Codes

ACL = American Commercial Lines
ALS = Alton Southern
BG = Barge
BLOL = Bloomer Line
BNSF = Burlington Northern Santa Fe
CN = Grand Trunk Corporation (previously Canadian National and Illinois Central)
COER = Crab Orchard and Egypt Railroad
CP = Canadian Pacific Railway
CSXT = CSX Transportation
DT = Decatur Junction Railroad
EIRC = Eastern Illinois Railroad
EJE = Elgin, Joliet & Eastern
EVWR = Evansville Western Railway
IAIS = Iowa Interstate Railroad
IMRR = Illinois & Midland
INRD = Indiana Rail Road
IR = Illinois Railway
KBSR = Kankakee Beaverville & Southern
KCS = Kansas City Southern Railway
KJRY = Keokuk Junction Railway
KKRX = Kaskaskia Regional Port District Railroad
NS = Norfolk Southern
TK = Truck
TPW = Toledo, Peoria & Western
TRRA = Terminal Railroad Assoc.
TZPR = Tazewell & Peoria
UP = Union Pacific
VRRC = Vandalia Railroad
WSOR = Wisconsin & Southern

Generalized stratigraphic section showing approximate vertical relationships of significant coals in Illinois. (Bold type indicates coals currently being mined.)

Based on data from the Illinois State Geological Survey Coal, Bedrock, and Industrial Minerals Section.

Base map compiled at the Illinois State Geological Survey from digital data provided by the U. S. Geological Survey, the Illinois Department of Transportation, and the Illinois State Geological Survey.

North American Datum 1983.Lambert Conformal Conic projection based on standard parallels 33° and 45°.

Railroad data provided by the Federal Railroad Administration (Homeland Infrastructure Foundation-Level Data; ESRI), 2017.

The maps and digital files used for this map were compiled from data obtained from a variety of public and private sources and have varying degrees of completeness and accuracy. They present reasonable interpretations of the geology of the area and are based on available data. Locations of some features may be offset by 500 feet or more because of errors in the original source maps, the compilation process, digitizing, or a combination of these factors. These data are not intended for use in site-specific screening or decision making.

Only coal mines with known areal extent are included on this regional map. Contact the Illinois State Geological Survey or visit our website for larger-scale maps that show the locations of smaller, local mines in selected areas of Illinois. Use of this document does not eliminate the need for detailed studies to fully understand the geology of a specific site. The Illinois State Geological Survey, the University of Illinois, and the Illinois Department of Commerce and Economic Opportunity make no guarantee, expressed or implied, regarding the correctness of the interpretations presented in this data set and accept no liability for the consequences of decisions made by others on the basis of the information presented here.

SCALE 1:500,000
10 0 10 20 30 MILES
10 0 10 20 30 KILOMETERS

© 2021c c University of Illinois Board of Trustees. All rights reserved.
For permissions information, contact the Illinois State Geological Survey.

ILLINOIS
Illinois State Geological Survey
PRAIRIE RESEARCH INSTITUTE

For further information contact:
Prairie Research Institute
Illinois State Geological Survey
615 East Peabody Drive
Champaign, Illinois 61820-6964
(217) 333-4747
http://www.isgs.illinois.edu