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

Illinois Map 13 Revision
2013

Coal Industry in Illinois

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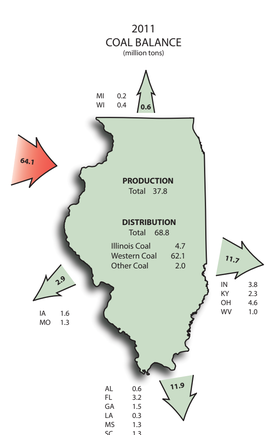
2013 Revision

[1] Illinois State Geological Survey
[2] Illinois Department of Commerce and Economic Opportunity



Source: EIA Domestic Coal Distribution 2011

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
- 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)
5 Coal-fueled electric power plant (number refers to table below)
7 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]
Chicago Sanitary & Ship Canal				
1. Midwest Generation	Will County Generating Station Coal Wharf	L/U	296.0	EJE, BG
2. Midwest Generation	Crawford Generating Station Coal Wharf	U	318.7	BG
3. Midwest Generation	Fisk Generating Station Coal Wharf	U	322.5	BG
Illinois Waterway				
4. Ameren Energy Generating	Meredosia Power Station Coal Dock	U	70.7	NS
5. Dynegy Midwest Generation	Havana Power Station Wharf	U	118.6	IMRR
6. Southern Coal Handling	Havana Coal Transfer Plant Dock	L	120.9	IMRR, BNSF, UP
7. CF Industries	Peoria Warehouse Coal Dock	U	147	TK
8. Peoria Barge Terminal, Inc.	Peoria Barge Terminal	L/U	160.4	UP, TPW, TZPR
9. J & L Dock Facilities, Inc.	J & L Dock	U	160.6	TK, BG
10. Dynegy Midwest Generation	Hennepin Power Station Coal Dock	U	211.8	ACL
Ohio River				
11. Peabody Coal Co.	Power Dock	L	858.8	TK, BG
12. Cook Coal Terminal	Metropolis Dock	L/U	947.5	BNSF, UP
13. Canadian National/ Illinois Central	Consolidated Grain & Barge, Mound City	L/U	973	CN
Upper Mississippi River				
14. Kinder Morgan Energy Partners	Cora Terminal Wharf	L/U	98.5	UP
15. Knight Hawk Coal	Lone Eagle Dock	L	105	TK
16. Consolidation Coal Co.	Kellogg Dock	L/U	125.6	UP
17. American Milling	Fox Terminal Dock	L/U	176.5	ALS
18. Kinder Morgan Terminals	Cahokia Terminal	L/U	178.2	UP, KCS
19. Lewis & Clark Marine, Inc.	Mid-Coast Terminal Company	L/U	185.6	NS

[1] Terminal type codes: L, loading; U, unloading.

⚒ Active Coal Mines as of January 2013

Mine operating company Map no., mine name	Seam(s) mined	County	Year opened	2012 production (1,000 tons)	Possible transportation[1]
UNDERGROUND MINES					
The American Coal Co.					
1. Galatia New Era	Herrin	Saline	1983	5,642	CN
2. Galatia New Future	Herrin	Saline	2010	3,642	CN
Arch Coal, Inc.					
3. Viper	Springfield	Logan, Sangamon	1982	2,108	TK
Big Ridge, Inc.					
4. Willow Lake Portal (closed 2012)	Springfield	Saline	2002	2,086	UP, BG
Knight Hawk Coal, LLC					
5. Prairie Eagle UG	Herrin	Perry	2006	1,857	CN, TK, BG
6. Prairie Eagle South UG	Herrin	Perry	2009	981	CN, TK, BG
Mach Mining LLC					
7. Mach Mining	Herrin	Williamson	2006	7,528	CN
MaRyan Mining LLC					
8. Shay #1	Herrin	Macoupin	2009	1,702	UP, CN, NS
M-Class Mining LLC					
9. MC #1	Herrin	Franklin	2010	4,690	CN, CSXT/EVWR
Patton Mining LLC					
10. Deer Run	Herrin	Montgomery	2010	2,365	NS, UP
Peabody Midwest Mining					
11. Gateway	Herrin	Randolph	2005	2,766	UP, TK, BG
12. Wildcat Hills UG	Herrin	Saline	2006	1,458	TK, BG
Prairie State Generating Co.					
13. Lively Grove	Herrin	Washington	2010	2,819	conveyor
Tri County Coal, LLC					
14. Crown III	Herrin	Macoupin	1991	811	CN
White County Coal, LLC					
15. Pattiki	Herrin	White	2002	2,380	EVWR
White Oak Resources, LLC					
16. White Oak Mine No. 1	Herrin	Hamilton	2011	0	EVWR
SURFACE MINES					
Black Nugget LLC					
17. North Grindstone (closed 2012)	Colchester	McDonough	2009	130	TK
Eagle River Coal, LLC					
18. Eagle River Mine #1	Dekoven and Davis	Saline	2011	625	TK, BG
Knight Hawk Coal, LLC					
19. Black Hawk	Herrin, Springfield	Randolph	2012	159	CN, TK, BG
20. Creek Paum	Murphysboro, Mt. Rorah	Jackson	1998	92	CN, TK, BG
21. Hawkeye	Springfield	Randolph	2011	438	CN, TK, BG
22. Prairie Eagle	Herrin, Springfield	Perry	2005	202	CN, TK, BG
23. Red Hawk	Herrin, Springfield	Perry	2001	514	CN, TK, BG
Peabody Midwest Mining					
24. Wildcat Hills/ Cottage Grove	Danville, Baker, and Herrin	Saline, Gallatin	1997	1,997	TK, BG
Vigo Coal					
25. Friendsville	Friendsville	Wabash	2002	1,439	NS, TK

[1] See Transportation and Rail Service Codes table for definitions of abbreviations.

Transportation and Rail Service Codes

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

Major Coal-Fueled Industrial and Institutional Plants[1]

Company Map no., plant	County	Nameplate capacity CHP[2] (MW)	2011 coal purchased (1,000 tons)
Archer Daniels Midland			
1. Decatur	Macon	335	2,131
2. Peoria	Peoria	15	26
Corn Products International Inc.			
3. Corn Products	Cook	45	415
DTE Tuscola, LLC			
4. Tuscola Station	Douglas	18	190
John Deere Harvester Works Co.			
5. John Deere Harvester Works	Rock Island	10	25
Southern Illinois University Carbondale			
6. SIUC Power Plant[3]	Jackson	18	48
Tate & Lyle Decatur Plant Cogen			
7. Decatur	Macon	63	344
University of Illinois at Urbana-Champaign			
8. Abbott Power Plant	Champaign	47	48

[1] Source: U.S. Department of Energy, Energy Information Administration (EIA), 2011 Final EIA-923 Monthly Time Series File, EIA-923, and EIA-860.
[2] CHP, Combined heat and power.
[3] Namplate capacity obtained from personal communication.

Coal-Fueled Electric Power Plants[1]

Plant operator Map no., plant (year built)	County	Generation capacity (MW)	Coal purchased in 2011 (1,000 tons)	Origin of coal purchased in 2011 (1,000 tons) Illinois	Other IB[2]	Western	Possible terminating transportation[3]
Ameren Energy Generating Co.							
1. Coffeen (1965)	Montgomery	895	2,835	19		2,816	NS
2. Meredosia (1948) (closed 2012)	Morgan	513	450			450	BG, TK
3. Newton (1977)	Jasper	1,198	4,825			4,825	CN
Ameren Energy Resources							
4. Duck Creek (1976)	Fulton	410	1,239	175		1,064	BNSF, TK
5. E. D. Edwards (1960)	Peoria	650	2,880			2,880	UP
6. Hutsonville (1953) (closed 2012)	Crawford	156	112		112		BNSF
Dominion Energy Services Co.							
7. Kincaid (1967; 1968)	Christian	1,158	3,255			3,255	IMRR
Dynegy CoalCo							
8. Baldwin (1970)	Randolph	1,800	7,624			7,624	CN
9. Havana (1978)	Mason	441	1,965			1,965	IMRR, BG
10. Hennepin (1953; 1959)	Putnam	293	1,315			1,315	BG
11. Wood River (1954; 1964)	Madison	446	2,073			2,073	NS
Electric Energy, Inc.							
12. Joppa (1953)	Masaac	1,002	4,721			4,721	UP
Midwest Generation EME, LLC							
13. Crawford (1958; 1961) (closed 2012)	Cook	542	1,483			1,483	BG
14. Fisk (1959) (closed 2012)	Cook	326	968			968	BG
15. Joliet 9 & 29 (1959; 1966)	Will	1,334	4,577			4,577	CN, BNSF, UP, EJE
16. Powerton (1972; 1975)	Tazewell	1,538	6,701			6,701	IMRR
17. Waukegan (1952; 1958; 1962)	Lake	689	2,414			2,414	UP
18. Will County (1955; 1957; 1963)	Will	761	2,140			2,140	BG, EJE
Prairie Power Inc.							
19. Pearl Station (closed 2012)	Pike	22	–				–
Prairie State Generating Company							
20. Prairie State Generating Station (2012)	Washington	1,600	NA				mine mouth
Southern Illinois Power Cooperative							
21. Marion (1978; 2003)	Williamson	293	880	790	90		TK, UP
Springfield City Water, Light & Power							
22. Dallman I-IV (1968; 1972; 1978; 2009)	Sangamon	548	1,287	1,287			TK

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

Based on data from the Illinois State Geological Survey Coal and Petroleum Geology Section and Department of Commerce and Economic Opportunity Office of Coal Development.
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 Illinois Commerce Commission, November 2012.

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

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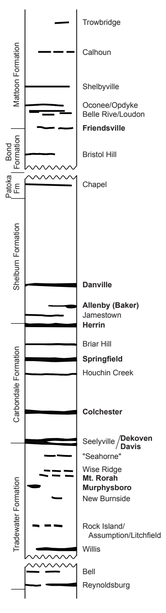
Generalized stratigraphic section showing approximate vertical relationships of significant coals in Illinois. (Bold type indicates coals currently being mined.)



Preparation of this map was funded in part through a grant by the Illinois Clean Coal Institute

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.

Illinois Department of Commerce & Economic Opportunity
Pat Quinn, Governor

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