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

Illinois Map 13
2011

Coal Industry in Illinois

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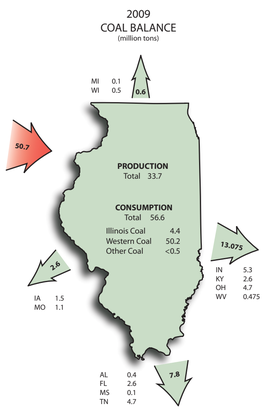
2011 Revision

With assistance from Polly Wise of the Department of Commerce and Economic Opportunity

Prepared in cooperation with the Department of Commerce and Economic Opportunity, Office of Coal Development



Source: EIA Domestic Coal Distribution 2009

The numbers in the figure above should be considered a guide due to 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-burning power plant (number refers to table below)
7 Major coal-burning 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 River, Waterway and Port of Chicago				
1. Ameren Energy Dock No. 1	Meredosia	U	70.8	TK, NS, BG
2. Commonwealth Edison Co.	Crawford Station	U	318.7	GM
3. Commonwealth Edison Co.	Fisk Station	U	322.2	GM
4. Commonwealth Edison Co.	Havana Coal Dock	L	120	I&M, TK
5. Commonwealth Edison Co.	Will County	L/U	295.4	EJE, GM
6. Consolidated Terminals & Logistics	Hennepin	L/U	204	-
7. Consolidated Terminals & Logistics	Naples	L/U	64.5	NS
8. Emesco Marine Terminal	Dock #1, Lake Calumet	L/U	NA	NS
9. Illinois & Midland RR	Havana Transfer	T	120.8 to 121.5	BN, UP
10. Illinois Power Co.	Havana Dock	U	118.2	UP, I&M
11. Illinois Power Co.	Hennepin Plant	U	211.9	ACBL
12. Ottawa Barge Terminal	Ottawa	L/U	236.4	BN
13. Peoria Barge Terminal	Peoria	L	160.4	P&PU, UP
14. Havana Transfer Terminal	Havana Transfer	L/U	121	UP, BN, CSXT, NS, CN, BG, TK
Kaskaskia River				
15. Kaskaskia Regional Port District	KRPD #1, Red Bud	T/L	24.8	CN, BG
16. Kaskaskia Regional & Logistics	KRPD #2, Red Bud	T/L	18.5	IC, BG
17. Southern Illinois Transfer	Dock #2, Baldwin	L/U	18	CN, TK
Ohio River				
18. Canadian National/ Illinois Central	Consolidated Grain & Barge, Mound City	T	973	CN
19. Canadian National/ Illinois Central	Cook Coal Terminal, Metropolis	T	947.6	BN, CN
20. Shawneetown Regional Port District	Ohio River Coal Loading Facility	L	858	TK, BG
21. Power Inc.	Power Dock	L	858	TK, BG
Upper Mississippi River				
22. Consol Energy	Kellogg Dock	L/U	125.5	UP.
23. Alter Transportation Group	Rock Island River	L/U	480	IAIS
24. Bulk Service, Mid-Coast Terminal	Granite City Docks 1 & 2	L/U	185.6	NS, BG
25. Canadian National/ Illinois Central	East St. Louis IC/BN	T	177	CN, BN, TRRA
26. Granite City Grain	Granite Grain Co.	L/U	175	AS, TK
27. Illinois Power Co.	Wood River Plant	U	200	NS, ACBL
28. Jackson County PTL River Terminal	Dock #1	L/U	85.6	UP, TK
29. Kinder Morgan Terminal	Cora Terminal, Rockwood	L/U	98.5	UP
30. Sauget Terminal & Peabody Dock	Sauget Terminal & Peabody	L	177 & 179.3	TRRA, AS
31. Quincy Municipal Barge Terminal	Quincy Municipal Barge	L/U	326	TK, BG
32. Southern Illinois Transfer Company	Dock #1	L/U	107.8	TK, BG
33. Southern Illinois Transfer Company	Chester	L/U	120.5	TK, BG

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

✕ Active Coal Mines as of January 2011

Mine operating company Map no., mine name	Seam(s) mined	County	Status date[1]	2010 production (1,000 tons)	Possible transportation[2]
UNDERGROUND MINES					
American Coal Co.					
1. Galatia New Era	Herrin	Saline	1983	5,775	CN
2. New Future	Springfield	Saline	2010	617	CN
Big Ridge					
3. Willow Lake Portal	Springfield	Saline	2002	2,920	UP, BG
International Coal Group					
4. Viper	Springfield	Sangamon, Logan	1982	2,475	TK
Knight Hawk Coal					
5. Prairie Eagle UG	Herrin	Perry	2006	1,573	CN, BG
6. Prairie Eagle South UG	Herrin	Perry	2009	844	CN, BG
Mach Mining					
7. Mach Mining	Herrin	Williamson	2006	5,795	CN
MaRyan Mining					
8. Shay #1	Herrin	Macoupin	2009	1,027	UP, NS
M-Class Mining					
9. MC #1	Herrin	Franklin	2010	130	CN
Patton Mining					
10. Deer Run	Herrin	Montgomery	2010	21	UP
Peabody Midwest Mining					
11. Gateway	Herrin	Randolph	2005	3,198	UP, BG
12. Wildcat Hills UG	Herrin	Saline	2006	749	UP, BG
Prairie State Generating					
13. Lively Grove	Herrin	Washington	2010	0	-
TriCounty Coal					
14. Crown III	Herrin	Macoupin	1991	1,311	CN, TK
White County Coal					
15. Pattiki	Herrin	White	2002	1,657	EVWR
SURFACE MINES					
Black Nugget					
16. North Grindstone	Colchester	McDonough	2009	195	-
Illinois Fuels					
17. I-1	Herrin, Briar Hill, and Springfield	Saline, Gallatin	2008	118	-
Knight Hawk Coal, LLC					
18. Creek Paum	Murphysboro, Mt. Rorah	Jackson	1998	650	CN, BG
19. Prairie Eagle	Herrin	Perry	2005	270	CN, BG
20. Red Hawk	Herrin, Springfield	Perry	2001	510	CN, BG
Peabody Midwest Mining					
21. Wildcat Hills/ Cottage Grove	Danville, Allenby, and Herrin	Saline, Gallatin	1997	2,128	UP, BG
Vigo Coal					
22. Friendsville	Friendsville	Wabash	2002	997	NS

[1]Status date is the starting date of mining operations.
[2]See Transportation and Rail Service Codes table for definition of abbreviations.

✕ Transportation and Rail Service Codes

ACBL = American Commercial Barge Lines	DT = Decatur Junction Railroad	KCS = Kansas City Southern Railway
AS = Alton Southern	EFRR = Effingham Railroad	KJRY = Keokuk Junction Railway
BG = Barge	EIRC = Eastern Illinois Railroad	KKRX = Kaskaskia Regional Port
BLOL = Bloomer Line	EJE = Elgin, Joliet & Eastern	District Railroad
BNSF or BN = Burlington Northern Santa Fe	EVWR = Evansville Western Railway	NS = Norfolk Southern
CN = Grand Trunk Corporation (previously	GM = Garvey Marvey	P&PU = Peoria & Pekin Union
Canadian National and Illinois Central)	I&M = Illinois & Midland	TK = Truck
CORE = Crab Orchard and Egypt Railroad	IAIS = Iowa Interstate Railroad	TPW = Toledo, Peoria & Western
CP = Canadian Pacific Railway	IC = Illinois Central Railroad	TRRA = Terminal Railroad Assoc.
CSXT = CSX Transportation	INRD = Indiana Rail Road	UP = Union Pacific
CTM = Chicago Terminal Railroad	IR = Illinois Railway	VRRC = Vandalia Railroad
DME = Dakota, Minnesota, and Eastern	KBSR = Kankakee Beaverville & Southern	WSOR = Wisconsin & Southern

Major Coal-Fueled Industrial and Institutional Plants[1]

Company Map no., plant	Generation capacity (MW)	County	2009 coal use (tons)
Archer Daniels Midland			
1. Decatur	335	Macon	1,038,876
2. Peoria	15	Peoria	64,266
Bunge Milling Inc.			
3. Bunge Milling Cogen	20	Vermilion	105,219
Corn Products			
4. Corn Products	45	Cook	124,414
John Deere Harvester Works Co			
5. John Deere Harvester Works	10	Rock Island	Standby
Tate & Lyle Decatur Plant Cogeneration			
6. Decatur	63	Macon	385,346
Trigen-Cinergy Sol-Tuscola LLC			
7. Tuscola Station	18	Douglas	385,631
University of Illinois, Urbana-Champaign			
8. Abbott Power Plant	47	Champaign	69,481

[1]Source: U.S. Department of Energy, Energy Information Administration (EIA), 2009 EIA-923 Monthly Time Series File, Boiler Fuel Consumption/Generating Unit Net Generation, EIA-923 Schedules 3A and 5A, and EIA-860.

Coal-Fueled Electric Power Plants[1]

Plant operator Map no., plant (year built)	County	Generation capacity (MW)	Coal 2009 (1,000 tons)	2009 coal origin (1,000 tons) Illinois	Other IB[2]	Western	Possible terminating transportation[3]
AmerenEnergy Generating Power Plants							
1. Coffeen (1965)	Montgomery	900	2,627	143		2,484	NS
2. Electric Energy-Joppa (1953)	Massac	1,000	4,228			4,228	UP
3. Hutsonville (1953)	Crawford	156	225			225	BNSF
4. Meredosia (1948)	Morgan	513	329			329	BG, TK
5. Newton (1977)	Jasper	1,151	4,927			4,927	CN
Ameren Energy Resources Co.							
6. Duck Creek (1976)	Fulton	349	1,100	410		690	BNSF, TK
7. E. D. Edwards (1960)	Peoria	749	2,966			2,966	UP
City of Springfield							
8. Dallman (1968; 1972; 1978; 2009)	Sangamon	548	1,053	1,073			TK
Dominion Energy Services Co.							
9. Kinkaid (1967; 1968)	Christian	1,158	4,237			4,237	I&M
Dynegy Midwest Generating Co.							
10.Baldwin (1970)	Randolph	1,800	6,917			6,917	CN
11. Havana (1978)	Mason	441	1,288			1,288	I&M, BG
12. Hennepin (1953; 1959)	Putnam	293	1,202			1,202	BG
13. Vermilion (1955; 1956; 1967)	Vermilion	176	388			388	TK
14. Wood River (1954; 1964)	Madison	446	1,888			1,888	NS
Midwest Generations EME LLC1460							
15. Crawford (1958; 1961)	Cook	542	1,460			1,460	BG
16. Fisk Street (1959)	Cook	326	993			993	BG
17. Joliet 9 & 29 (1959; 1966)	Will	1,334	4,433			4,433	IC, BNSF, UP, EJE
18. Powerton (1972; 1975)	Tazewell	1,538	5,592			5,592	I&M
19. Waukegan (1952; 1958; 1962)	Lake	789	2,284			2,284	UP
20. Will County (1955; 1957; 1963)	Will	1,092	3,182			3,182	BG, EJE
Prairie Power Inc.							
21. Pearl Station	Pike	22	26				-
Prairie State Energy Campus							
22. Prairie State Generating Station (open 2011; 2012)	Washington	1,600	0				Mine mouth
Southern Illinois Power Coop							
23. Marion (1978; 2003)	Williamson	293	1,021	906	115		TK, UP

[1]Sources: U.S. Department of Energy, Energy Information Administration (EIA), Fuel Receipts and Cost, EIA-923 Schedules 2, and EIA-860.
[2]IB, Illinois Basin.
[3]See Transportation and Rail Service Codes for definition 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 338 and 458
Railroads from 2005; revised 2010.

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.)



DCEO Preparation of this map was funded in part through a grant by the Illinois Department of Commerce and Economic Opportunity, Office of Coal Development

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 due to 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 and the University of Illinois 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.

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