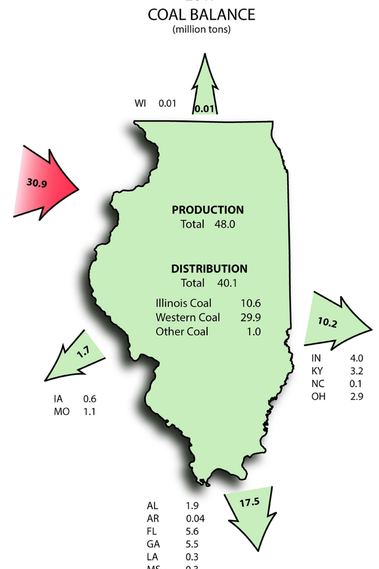
Illinois Statte Geological Survey
Prairie Research Institute
University of Illinois at Urbana-Champaign

2018

Coal Industry In Illinois

Compiled by Alan Myers
2018 Revision



Source: EIA Domestic Coal Distribution 2017

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

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	BNFS, 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	IAIS
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.
2 See Transportation and Rail Service Codes table for definitions of abbreviations.

Major Coal-Fueled Industrial and Institutional Plants[1]

Company Map no., plant	County	Nameplate capacity CHP[2] (MW)	2017 coal purchased (1,000 tons)
Archer Daniels Midland			
1. Decatur	Macon	335	1,888
Ingredion Incorporated			
2. Ingredion Inc - Illinois	Cook	45	316
Southern Illinois University Carbondale			
3. SIUC Power Plant	Jackson	5.1	41
Tate & Lyle Decatur Plant Cogen			
4. Decatur	Macon	62	339

1 Source: U.S. Department of Energy, Energy Information Administration (EIA), 2016 Final EIA-923 Monthly Time Series File, EIA-923 and EIA-860.
2 CHP, Combined heat and power

Active Coal Mines as of January 2018

Mine operating company Map no., mine name	Seam(s) mined	County	Year opened	2017 production (1,000 tons)	Possible transportation[1]
UNDERGROUND MINES					
Arch Coal, Inc.					
1. Viper	Springfield	Logan, Sangamon	1982	1,615	TK
Hamilton County Coal, LLC					
2. Hamilton #1	Herrin	Hamilton	2013	6,129	EVWR
Knight Hawk Coal, LLC					
3. Prairie Eagle UG	Herrin	Perry	2006	3,610	CN, TK, BG
Mach Mining LLC					
4. Pond Creek	Herrin	Williamson	2006	6,336	CN
MaRyan Mining LLC					
5. Shay #1	Herrin	Macoupin	2009	1,964	UP, CN, NS
M-Class Mining LLC					
6. MC #1	Herrin	Franklin	2010	12,812	CN, EVWR
Peabody Midwest Mining					
7. Gateway North	Herrin	Randolph	2015	2,499	UP
8. Wildcat Hills UG	Herrin	Saline	2006	1,462	TK, BG
Prairie State Generating Co.					
9. Lively Grove	Herrin	Washington	2010	6,202	Conveyor
SURFACE MINES					
Eagle River Coal, LLC					
10. Eagle River Mine #1	Dekoven and Davis	Saline	2011	882	TK, BG
Knight Hawk Coal, LLC					
11. Black Hawk	Herrin, Springfield	Randolph	2012	391	CN, TK, BG
12. Creek Paum[2]	Murphysboro, Mt. Rorah	Jackson	1998	0	CN, TK, BG
13. Golden Eagle	Herrin, Springfield	Perry	2015	191	CN
14. Hawkeye	Springfield	Randolph	2011	232	CN, TK, BG
15.Red Hawk	Herrin, Springfield	Perry	2001	149	CN, TK, BG
Peabody Midwest Mining					
16. Wildcat Hills/ Cottage Grove	Danville, Baker, and Herrin	Saline, Gallatin	2000	372	TK, BG
Vigo Coal					
17. Friendsville	Friendsville	Wabash	2002	1,005	NS, TK

1 See Transportation and Rail Service Codes table for definitions of abbreviations.
2 Idle 2017

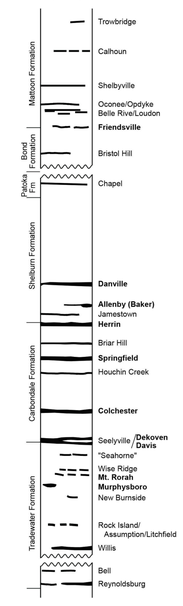
Transportation and Rail Service Codes

ACL = American Commercial Lines	EIRC = Eastern Illinois Railroad	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	
	KKRX = Kaskaskia Regional Port District	

Coal-Fueled Electric Power Plants[1]

Plant operator Map no., plant (year built)	County	Generation capacity (MW)	Coal purchased in 2017 (1,000 tons)	Origin of coal purchased in 2017 (1,000 tons) Illinois	Other IB[2]	Western	Possible terminating transportation[3]
City of Springfield							
1. Dallman I-IV (1968;1972;1978;2009)	Sangamon	617	1,265	1,265			
Dynegy Kincaid Generation							
2. Kincaid (1967; 1968)	Christian	1,319	3,065			3,065	IMRR
Dynegy Midwest Generation Inc							
3. Baldwin (1970)	Randolph	1,895	4,102			4,102	CN
4. Havana (1978)	Mason	488	1,806			1,806	IMRR, BG
5. Hennepin (1953; 1959)	Putnam	306	1,002			1,002	BG
Electric Energy, Inc.							
6. Joppa (1953)	Masaac	1,100	2,028			2,028	UP
Illinois Power Generating Co.							
7. Coffeen (1965)	Montgomery	1,005	3,278			3,278	NS
8. Newton (1977)	Jasper	617	1,802			1,802	CN
Illinois Power Resources Generating, LLC							
9. Duck Creek (1976)	Fulton	441	1,097			1,097	BNSF, TK
10. E. D. Edwards (1968;1972)	Peoria	644	1,890			1,890	UP
Midwest Generation EME, LLC							
11. Powerton (1972; 1975)	Tazewell	1,538	2,668			2,668	IMRR
12. Waukegan (1952; 1958; 1962)	Lake	682	95			95	UP
13. Will County (1955; 1957; 1963)[4]	Will	598	291			291	BG, EJE
Prairie State Generating Company							
14. Prairie State Generating Station (2012)	Washington	1,766	6,233	6,233			mine mouth
Southern Illinois Power Cooperative							
15. Marion (1963;1978; 2003)	Williamson	422	1,172	1,120	52		TK, UP

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.
4 Scheduled to close 2018



Based on data from the Illinois State Geological Survey Coal, Bedrock, and Industrial Minerals Section.
Basemap compiled at the Illinois State Geological Survey from digital data provided by the U.S. Geological Survey, Illinois Department of Transportation, and the Illinois State Geological Survey.
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.

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