Institute of Natural Resource Sustainablity
ILLINOIS STATE GEOLOGICAL SURVEY
E. Donald McKay III, Interim Director

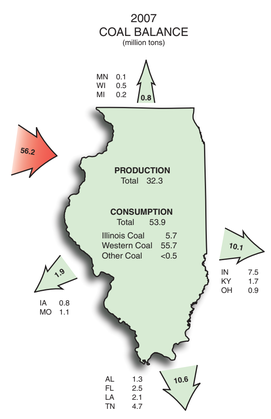
Illinois Map 13
2008

Coal Industry in Illinois

Compiled by Scott D. Elrick
2008 Revision

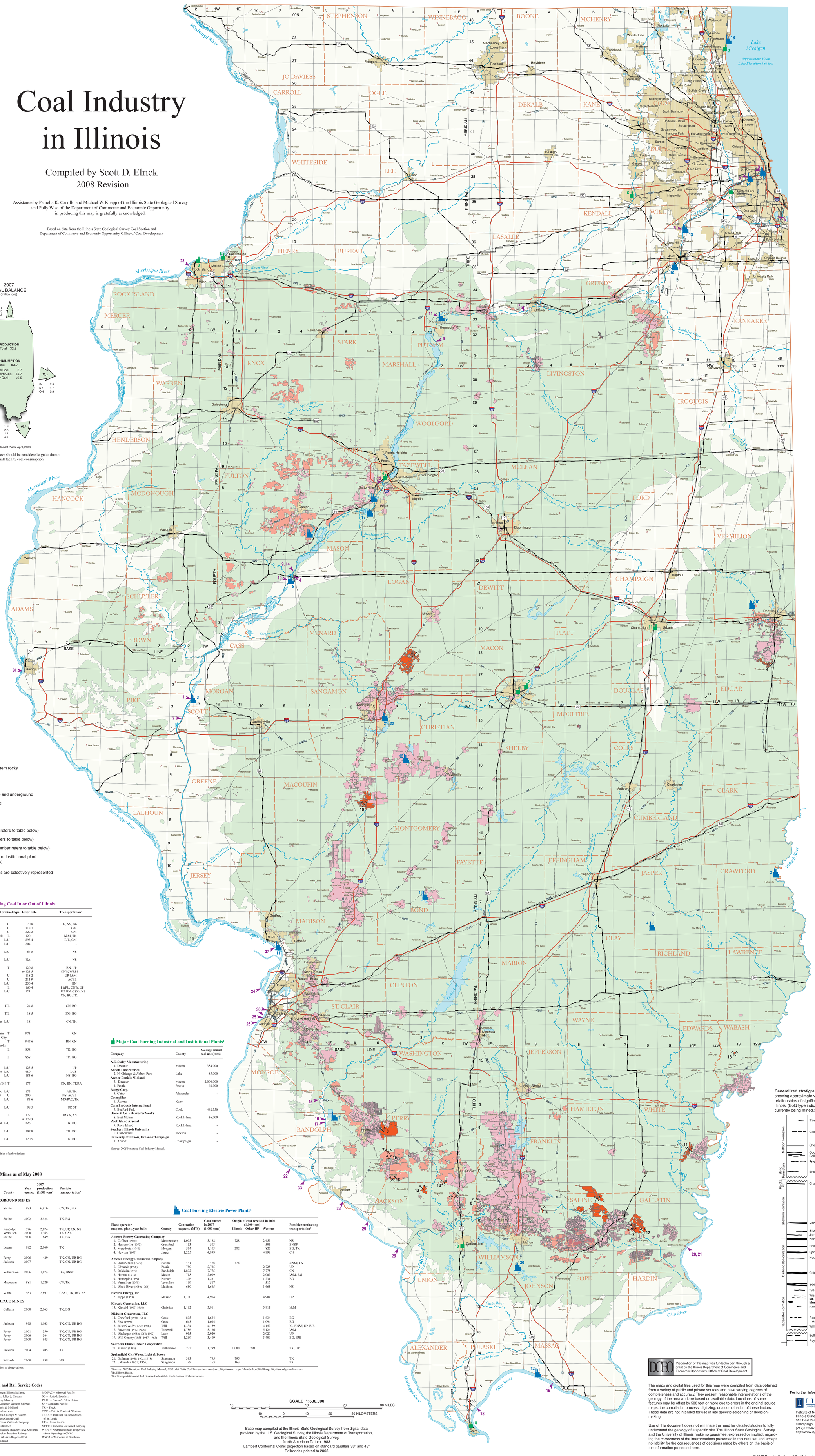
Assistance by Pamella K. Carrillo and Michael W. Knapp of the Illinois State Geological Survey and Polly Wise of the Department of Commerce and Economic Opportunity in producing this map is gratefully acknowledged.

Based on data from the Illinois State Geological Survey Coal Section and Department of Commerce and Economic Opportunity Office of Coal Development



Source: COALdat Platts: April, 2008

The numbers in the figure above should be considered a guide due to unaccounted for small facility coal consumption.



LEGEND

- 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. Ernesco Marine Terminal	Dock #1, Lake Calumet	L/U	NA	NS
9. Illinois & Midland RR	Havana Transfer	T	120.8 to 121.5	BN, UP CNW, WRPI
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, CNW, UP
14. Havana Transfer Terminal	Havana Transfer Terminal	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	ICG, 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	MO/PAC, TK
29. Kinder Morgan Terminal	Cora Terminal, Rockwood	L/U	98.5	UP, SP
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 May 2008

Mine operating company, map no., mine name	Seam(s) mined	County	Year opened	2007 production (1,000 tons)	Possible transportation[1]
UNDERGROUND MINES					
The American Coal Co.					
1. Galatia	Herrin, Springfield	Saline	1983	6,916	CN, TK, BG
Arclar					
2. Willow Lake	Springfield	Saline	2002	3,524	TK, BG
Black Beauty Coal Co.					
3. Gateway	Herrin	Randolph	1976	2,674	TK, UP, CN, NS
4. Vermilion Grove	Herrin	Vermilion	2000	1,365	TK, CSXT
5. Wildcat Hills Und.	Herrin	Saline	2006	849	TK, BG
International Coal Group					
6. Viper	Springfield	Logan	1982	2,060	TK
Knight Hawk Coal, LLC					
7. Prairie Eagle Und.	Herrin	Perry	2006	429	TK, CN, UP, BG
8. Royal Falcon	Herrin	Jackson	2007	-	TK, CN, UP, BG
Mach Mining					
9. Pond Creek	Herrin	Williamson	2006	1,074	BG, BNSF
Springfield Coal Co.					
10. Crown III	Herrin	Macoupin	1981	1,529	CN, TK
White County Coal Co.					
11. Pattiki	Herrin	White	1983	2,897	CSXT, TK, BG, NS
SURFACE MINES					
Black Beauty Coal					
12. Wildcat Hills/ Cottage Grove	Danville, Allenby, and Herrin	Gallatin	2000	2,065	TK, BG
Knight Hawk Coal, LLC					
13. Creek Paum	Murphysboro, Mt. Rorah	Jackson	1998	1,163	TK, CN, UP, BG
14. Pioneer	Herrin, Springfield	Perry	2001	350	TK, CN, UP, BG
15. Prairie Eagle	Herrin	Perry	2006	364	TK, CN, UP, BG
16. Red Hawk	Herrin, Springfield	Perry	2000	645	TK, CN, UP, BG
S Coal Co.					
17. Elkville #1	Danville, Herrin	Jackson	2004	405	TK
Vigo Coal Co.					
18. Friendsville	Friendsville	Wabash	2000	938	NS

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

Transportation and Rail Service Codes

ACBL = American Commercial Barge Lines
AS = Alton Southern
BG = Barge
BLOL = Bloomer
BNSF or BN = Burlington Northern Santa Fe
CN = Grand Trunk Corporation (previously Canadian National and Illinois Central)
CNW = Chicago Northwestern
COER = Crab Orchard and Egypt Railroad
CP = Canadian Pacific Railway
CSXT = CSX Transportation
CTML = Cairo Terminal Railroad
DT = Decatur Junction Railroad
EFRR = Effingham Railroad
EIRC = Eastern Illinois Railroad
EJE = Elgin, Joliet & Eastern
GM = Garvey Marvey
GWWR = Gateway Western Railway
I&M = Illinois & Midland
IAIS = Iowa Interstate
IC&E = Iowa, Chicago & Eastern
ICG = Illinois Central Gulf
INRD = Indiana Railroad Company
IR = Illinois Railnet
KBSR = Kankakee Beaverville & Southern
KJRY = Keokuk Junction Railway
KKJX = Kaskaskia Regional Port District Railroad
MO/PAC = Missouri Pacific
NS = Norfolk Southern
P&PU = Peoria & Pekin Union
SP = Southern Pacific
TK = Truck
TPW = Toledo, Peoria & Western
TRRA = Terminal Railroad Assoc. of St. Louis
UP = Union Pacific
VRRC = Vandalia Railroad Company
WRPI = Western Railroad Properties (from Wyoming to CNW)
WSOR = Wisconsin & Southern

Major Coal-burning Industrial and Institutional Plants[1]

Company	County	Average annual coal use (tons)
A.E. Staley Manufacturing		
1. Decatur	Macon	384,000
Abbott Laboratories		
2. N. Chicago & Abbott Park	Lake	85,000
Archer Daniels Midland		
3. Decatur	Macon	2,000,000
4. Peoria	Peoria	62,500
Bunge Corp.		
5. Cairo	Alexander	-
Caterpillar		
6. Aurora	Kane	-
Corn Products International		
7. Bedford Park	Cook	442,350
Deere & Co. - Harvester Works		
8. East Moline	Rock Island	36,700
Rock Island Arsenal		
9. Rock Island	Rock Island	-
Southern Illinois University		
10. Carbondale	Jackson	-
University of Illinois, Urbana-Champaign		
11. Abbott	Champaign	-

[1]Source: 2005 Keystone Coal Industry Manual.

Coal-burning Electric Power Plants[1]

Plant operator map no., plant, year built	County	Generation capacity (MW)	Coal burned in 2007 (1,000 tons)	Origin of coal received in 2007 (1,000 tons) Illinois	Other IB[2]	Western	Possible terminating transportation[3]
Ameren Energy Generating Company							
1. Coffeen (1965)	Montgomery	1,005	3,188	728		2,459	NS
2. Hutsonville (1953)	Crawford	153	503			503	BNSF
3. Meredosia (1948)	Morgan	564	1,103	282		822	BG, TK
4. Newton (1977)	Jasper	1,235	4,999			4,999	CN
Ameren Energy Resources Company							
5. Duck Creek (1976)	Fulton	441	476	476			BNSF, TK
6. Edwards (1960)	Peoria	780	2,725			2,725	UP
7. Baldwin (1970)	Randolph	1,892	7,775			7,775	CN
8. Havana (1978)	Mason	718	2,009			2,009	I&M, BG
9. Hennepin (1959)	Putnam	306	1,231			1,231	BG
10. Vermilion (1959)	Vermilion	199	517			517	
11. Wood River (1950; 1964)	Madison	650	1,665			1,665	NS
Electric Energy, Inc.							
12. Joppa (1953)	Massac	1,100	4,904			4,904	UP
Kincaid Generation, LLC							
13. Kincaid (1967; 1968)	Christian	1,182	3,911			3,911	I&M
Midwest Generation, LLC							
14. Crawford (1958; 1961)	Cook	805	1,634			1,634	BG
15. Fisk (1959)	Cook	663	1,094			1,094	BG
16. Joliet 9 & 29 (1959; 1966)	Will	1,334	4,159			4,159	IC, BNSF, UP, EJE
17. Powerton (1972; 1975)	Tazewell	1,786	5,126			5,126	I&M
18. Waukegan (1952; 1958; 1962)	Lake	915	2,920			2,920	UP
19. Will County (1955; 1957; 1963)	Will	1,269	3,409			3,409	BG, EJE
Southern Illinois Power Cooperative							
20. Marion (1963)	Williamson	272	1,299	1,008	291		TK, UP
Springfield City Water, Light & Power							
21. Dallman (1968; 1972; 1978)	Sangamon	383	795	795			TK
22. Lakeside (1961; 1965)	Sangamon	99	163	163			TK

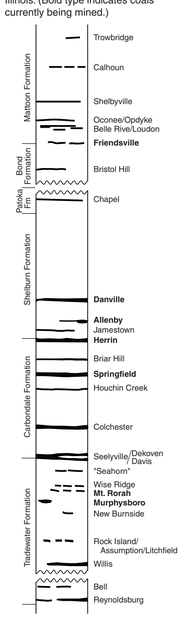
[1]Sources: 2005 Keystone Coal Industry Manual; COALdat Platts Coal Transactions Analyzer; http://www.rrb.gov/blaw/bcd/bcd06-08.asp; http://sec.edgar-online.com
[2]IB, Illinois Basin.
[3]See Transportation and Rail Service Codes table for definition of abbreviations.

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

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°
Railroads updated to 2005

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

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