

# Tracking New Coal-Fired Power Plants



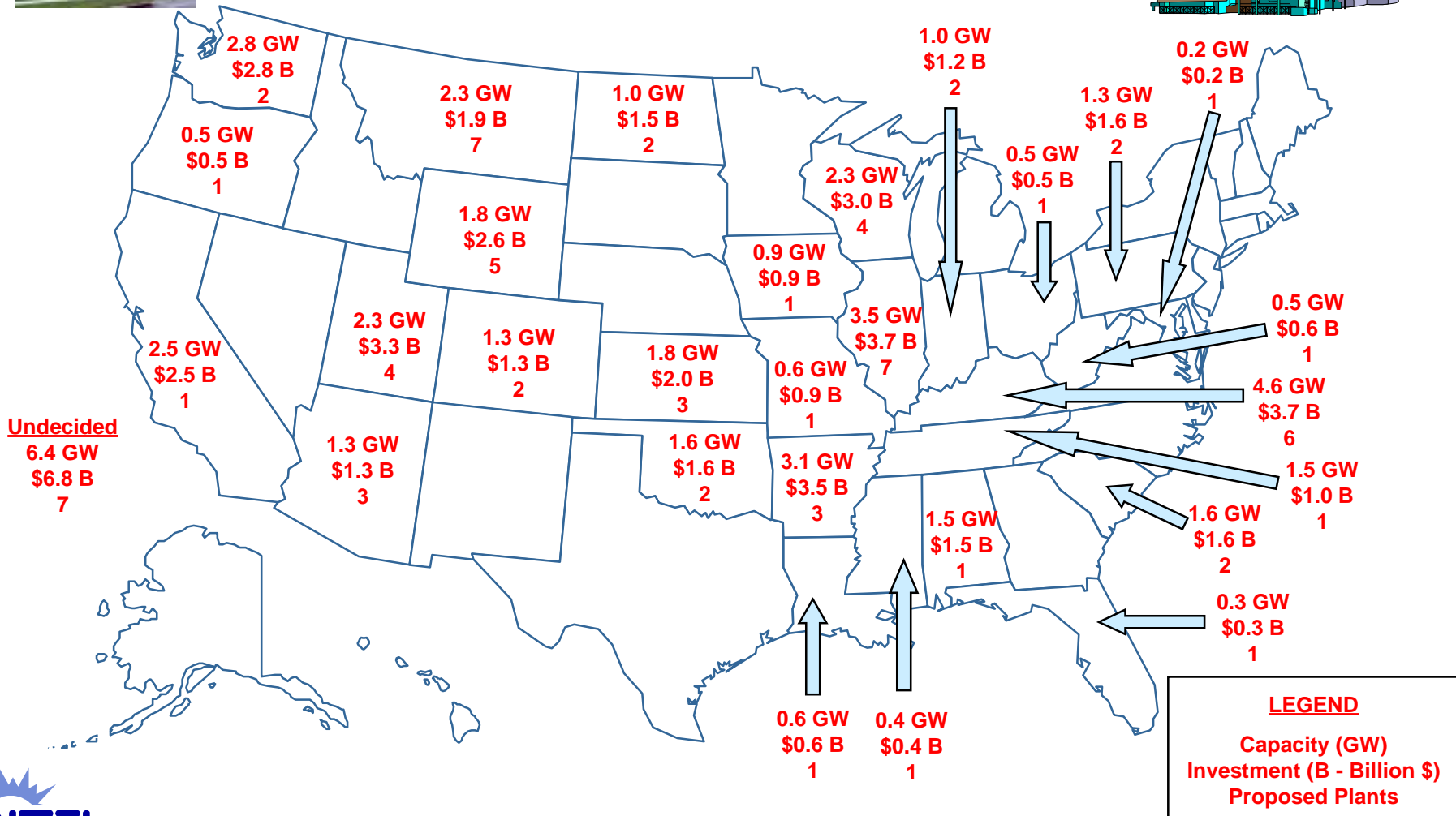
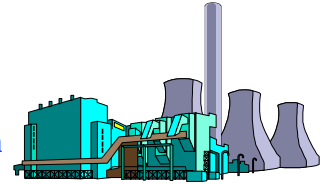
**Coal's Resurgence in Electric Power Generation**

# Coal's Resurgence in Electric Power Generation



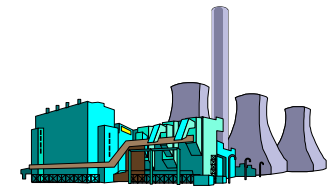
Equivalent Power  
for  
50 Million Homes

75 Plants  
50 GW  
\$ 53 Billion



# Coal's Resurgence - State Summary

State	Plants	Capacity (MW)	% Capacity	Investment (Million \$)	% Investment
Alabama	1	1,500	3	\$ 1,500	3
Arizona	3	1,260	3	\$ 1,260	2
Arkansas	3	3,100	6	\$ 3,500	7
California	1	2,500	5	\$ 2,500	5
Colorado	2	1,280	3	\$ 1,340	3
Florida	1	300	1	\$ 300	1
Illinois	7	3,546	7	\$ 3,722	7
Indiana	2	1,000	2	\$ 1,200	2
Iowa	1	900	2	\$ 900	2
Kansas	3	1,825	4	\$ 2,025	4
Kentucky	6	4,675	9	\$ 3,782	7
Louisiana	1	600	1	\$ 600	1
Maryland	1	180	0	\$ 200	0
Mississippi	1	440	1	\$ 440	1
Missouri	1	900	2	\$ 600	1
Montana	7	2,300	5	\$ 1,950	4
North Dakota	2	1,000	2	\$ 1,450	3
Ohio	1	540	1	\$ 540	1
Oklahoma	2	1,600	3	\$ 1,600	3
Oregon	1	500	1	\$ 500	1
Pennsylvania	2	1,320	3	\$ 1,600	3
South Carolina	2	1,600	3	\$ 1,585	3
Tennessee	1	1,500	3	\$ 1,000	2
Utah	4	2,300	5	\$ 3,300	6
Washington	2	2,749	5	\$ 2,750	5
West Virginia	1	450	1	\$ 600	1
Wisconsin	4	2,300	5	\$ 3,000	6
Wyoming	5	1,880	4	\$ 2,550	5
Undecided	7	6,350	13	\$ 6,800	13
<b>TOTALS</b>	<b>75</b>	<b>50,395</b>	<b>100</b>	<b>\$ 53,094</b>	<b>100</b>



**75 Plants**  
**50 GW**  
**\$ 53 Billion**

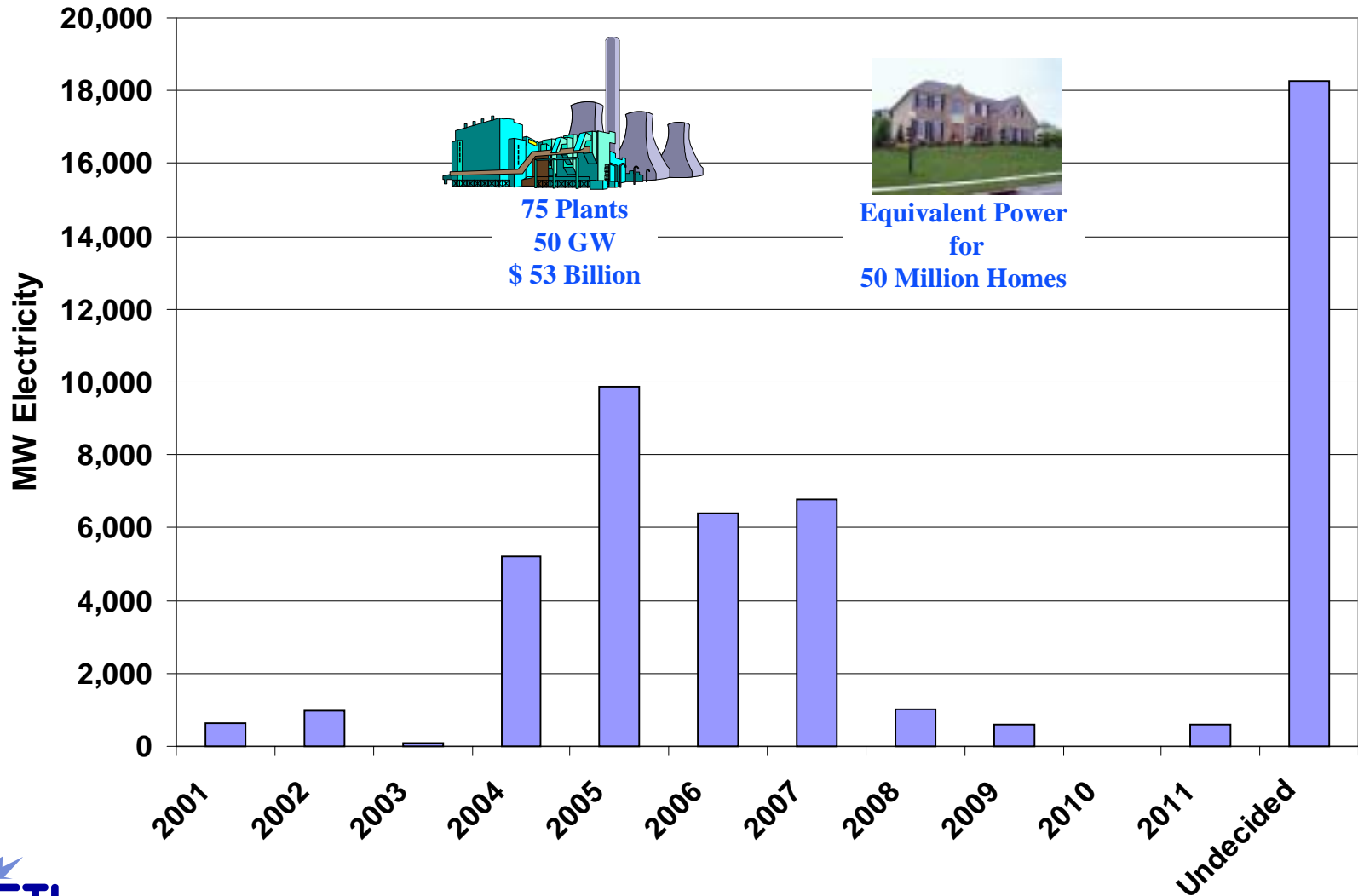


**Equivalent Power**  
**for**  
**50 Million Homes**



# Coal's Resurgence in Electric Power Generation

## \*\* Annual Capacity Additions \*\*



# Coal's Resurgence in Electric Power Generation

## \*\* Database \*\*

SPONSER	PROPOSED LOCATION	SIZE TECHNOLOGY	TIMING	INVESTMENT	COAL TYPE	SOURCES
TVA Bellefonte Site	Alabama Jackson County	1500 MW IGCC-Texaco	Initiate - 2001 In Service - 2005	~ \$ 1.5 Billion	High Sulfur Coal Illinois Basin	7, 9
Alabama Electric	Arizona Sumter County	500 MW	Initiate - 2001 In Service - 2007	~ \$ 500 Million	Sub-Bituminous	9
Tuscon Electric Power	Arizona Springerville	2 Units 380 MW each	Initiate - 2001 In Service - 2004, 2005	~ \$ 760 Million	Sub-Bituminous	2, 3, 4
Fort Chaffee Authority	Arkansas Fort Chaffee	2 Plants 750 MW each	Initiate - 2002 In Service - 2007	\$ 2.5 Billion	Arkansas Coal	11
LS Power Services	Arkansas Osceola	1200 to 1600 MW	Initiate - 2001 In Service - 2005	\$ 1 Billion	TBD	9
Fernald Power	California Humbolt Cty.	2500 MW	Initiate - TBD In Service - TBD	~ \$ 2.5 Billion	TBD	11
Tri-State Generation and Transmission	Colorado Las Animas	1200 MW	Initiate - 2001 In Service - 2005	\$ 1.2 Billion	TBD	4
Deseret Generation & Transmission Corp.	Colorado Rangely	80 MW	Initiate - 2001 In Service - 2004	\$ 140 Million	Waste Coal	1,3
Jacksonville Electric	Florida Duval	300 MW	Initiate - In Service - 2002	~\$ 300 Million	Coal	3, 9
Dynegy	Illinois Baldwin	2 Plants 650 MW each	Initiate - 2003 In Service - 2007	\$ 1.5 Billion	Illinois Coal	1
Corn Belt Energy (DOE)	Illinois Elkhart	91 MW	Initiate - 2001 In Service - 2004	\$ 137 Million	Waste Coal	2, 8
Turris Coal Company	Illinois Elkhart	25 - 35 MW	Initiate - TBD In Service - TBD	~ \$ 35 Million	TBD	11



# Coal's Resurgence in Electric Power Generation

## \*\* Database \*\*

SPONSER	PROPOSED LOCATION	SIZE TECHNOLOGY	TIMING	INVESTMENT	COAL TYPE	SOURCES
EnviroPower	Illinois Franklin County	500 MW	Initiate - In Service - 2004	~ \$ 500 Million	TBD	8
Southern Illinois Power	Illinois Marion	120 MW	Initiate - 2000 In Service - 2002	\$ 50 Million	Bituminuous Coal Fines	8, 9
Peabody Prairie Energy Campus	Illinois Washington Cty.	1500 MW	Initiate - 2002 In Service - 2007	~ \$ 1.5 Billion	Illinois Coal High Sulfur	1, 11
EnviroPower	Indiana Pike County	500 MW	Initiate - 2001 In Service - 2004	\$ 600 Million	Waste Coal	2, 5, 8, 9
EnviroPower	Indiana Sullivan County	500 MW	Initiate - 2001 In Service - 2004	\$ 600 Million	Waste Coal	2, 5, 8, 9
MidAmerican Energy	Iowa	900 MW	Initiate - 2004 In Service - 2007	~ \$ 900 Million	TBD	1, 8, 11
Sunflower Electric & International Energy	Kansas Garden City	600 MW	Initiate - 2002 In Service - 2005	\$600 - 800 Million	TBD	1, 11
Sunflower Electric	Kansas Holcomb	500 MW	Initiate - In Service - 2004	~ \$ 500 Million	TBD	8
Kansas City Power & Light	Kansas Iatan	725 MW	Initiate - TBD In Service - TBD	~ \$ 725 Million	TBD	8
EnviroPower	Kentucky Calvert City	500 MW	Initiate - TBD In Service - TBD	~ \$ 500 Million	Coal & Waste Coal	2
Peabody Group "Thoroughbred"	Kentucky Central City	1500 to 2000 MW	Initiate - 2001 In Service - 2005	\$1 Billion	Western Kentucky High Sulfur Coal	3, 9
Global Energy (DOE)	Kentucky Clark County	400 MW	Initiate - 1999 In Service - 2004	\$ 432 Million	High Sulfur KY Bituminous	8, 9



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SPONSER	PROPOSED LOCATION	SIZE TECHNOLOGY	TIMING	INVESTMENT	COAL TYPE	SOURCES
Cash Creek Generation	Kentucky Henderson Cty.	1000 MW	Initiate - 2001 In Service - 2006	\$ 1 Billion	TBD	1
EnviroPower	Kentucky Knott County	525 MW	Initiate - 2001 In Service - 2005	\$ 600 Million	Waste Coal	1, 2, 9
East Kentucky	Kentucky Maysville	250 MW	Initiate - 2001 In Service - TBD	~ \$ 250 Million	TBD	8
NRG Energy	Louisiana Pointe Coupee	600 MW	Initiate - 2001 In Service - 2006	~ \$ 600 Million	TBD	2
AES Corporation	Maryland Cumberland	180 MW	Initiate - 1996 In Service - 2001	~ \$ 180 Million	Maryland Coal	2
Tractebel Power	Mississippi Choctaw County	440 MW	Initiate - 1997 In Service - 2001	\$ 500 Million	Lignite	2
Great Plains Power	Missouri Weston	500 to 900 MW	Initiate - 2001 In Service - TBD	~ 600 Million	TBD	1
Composite Power	Montana Bear Creek	4 Plants 500 MW each	Initiate - 2001 In Service - 2006	\$ 1.5 Billion	Montana	2, 8
Rocky Mountain Power	Montana Hardin	100 MW Gasification	Initiate - TBD In Service - TBD	~ \$ 150 Million	TBD	1
Comanche Park LLC	Montana Yellowstone Cty.	2 Plants 100 MW each	Initiate - 2002 In Service - 2004-05	\$ 300 Million	Montana	1
Montana Dakota Utility or Great River Energy	North Dakota Gascoyne	500 MW	Initiate - 2001 In Service - 2008	\$ 750 Million	North Dakota Lignite	2, 3, 4, 8
Great Northern Power	North Dakota TBD	500 MW	Initiate - 2002 In Service - 2008	\$ 700 Million	North Dakota Lignite	1



# Coal's Resurgence in Electric Power Generation

## \*\* Database \*\*

SPONSER	PROPOSED LOCATION	SIZE TECHNOLOGY	TIMING	INVESTMENT	COAL TYPE	SOURCES
Global Energy	Ohio Lima	540 MW	Initiate - In Service - 2002	~\$ 540 Million	Coal	3, 9
SynFuel	Oklahoma Enid	600 MW Gasification	Initiate - 2001 In Service - 2004	~\$ 600 Million	Coal	8
LS Power Services	Oklahoma Sequoyah	1000 MW	Initiate - TBD In Service - TBD	~ \$ 1 Billion	TBD	8
PacifiCorp	Oregon	500 MW	Initiate - In Service - 2004	~ \$ 500 Million	TBD	8
AES Corporation	Pennsylvania Beaver Valley	800 MW	Initiate - TBD In Service - TBD	~ \$ 800 Million	TBD	8
Reliant Energy	Pennsylvania Indiana	520 MW	Initiate - 2001 In Service - 2004	\$ 800 Million	Waste Coal	1, 2, 8
Santee Cooper	South Carolina Berkeley County	500 MW	Initiate - 2001 In Service - 2007	\$ 585 Million	Coal	1
LS Power Services	South Carolina Marion Cty.	500-1100 MW	Initiate - 2002 In Service - 2006	~ \$ 1 Billion	TBD	11
CME North America Merchant Energy	Tennessee Chattanooga	500-1500 MW	Initiate - 2002 In Service - 2006	~ \$ 1 Billion	TBD	11
Utah Governor Mike Leavitt (R)	Utah Delta	3 Plants 500 MW each	Initiate - TBD In Service - TBD	~ 2.5 Billion	TBD	10
Intermountain Power	Utah Southwest	500 to 800 MW	Initiate - In Service - 2006	\$ 800 Million	West Ridge Mine	3, 4, 8
Composite Power	Washington Richland	2500 MW	Initiate - TBD In Service - TBD	~ \$ 2.5 Billion	TBD	11



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SPONSER	PROPOSED LOCATION	SIZE TECHNOLOGY	TIMING	INVESTMENT	COAL TYPE	SOURCES
U.S. Electric Power Globaltex	Washington Whatcom County	249 MW	Initiate - 2001 In Service - 2004	~ \$ 250 Million	Low Sulfur Coal Vancouver	1, 3, 4, 8
Dominion Resources & Anker Energy	West Virginia Upshur County	450 MW	Initiate - 2001 In Service - 2005	\$ 600 Million	Central App. Coal & Waste Coal	2
Alliant Energy	Wisconsin	500 MW	Initiate - 2001 In Service - 2006	~ \$ 500 Million	TBD	1, 9
Wisconsin Energy & Madison Gas	Wisconsin Oak Creek	3 Plants 600 MW each	Initiate - 2002 In Service - 2007-09-11	\$ 2.5 Billion	Powder River Basin Sub-Bituminous	1
North American Power Power Group	Wyoming Campbell County	300 MW	Initiate - 2000 In Service - 2004	\$ 450 Million	Powder River Basin Sub-Bituminous	4, 6, 7
North American Power Power Group	Wyoming Campbell County	500 MW	Initiate - 2001 In Service - 2005	\$ 750 Million	Powder River Basin Sub-Bituminous	4, 6, 7
North American Power Power Group	Wyoming Campbell County	500 MW	Initiate - 2001 In Service - 2005	\$ 750 Million	Powder River Basin Waste Coal	6
Black Hills Corp.	Wyoming Gillette	80 MW	Initiate - 1998 In Service - 2003	\$ 100 Million	Powder River Basin Sub-Bituminous	2, 4, 7
Black Hills Corp.	Wyoming Gillette	500 MW	Initiate - 2001 In Service - 2005	~ \$ 500 Million	Powder River Basin Sub-Bituminous	2, 3, 4, 7
Dominion Resources	Yet To Be Determined	3 Plants 2750 MW	Initiate - TBD In Service - TBD	~ \$ 3.3 Billion	TBD	7, 8
Great Plains Power	Yet To Be Determined	4 Plants 500 - 900 MW each	Initiate - TBD In Service - TBD	~ \$ 3.5 Billion	TBD	1



# References for NETL Coal Power Plant Construction Database

## References

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2. New Plant Construction Report, [www.EnergyCentral.com](http://www.EnergyCentral.com)
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