

# Tracking New Coal-Fired Power Plants



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



March 30, 2005



# Tracking New Coal-Fired Power Plants

This information package is intended to provide an overview of “Coal’s Resurgence in Electric Power Generation” by examining proposed new coal-fired power plants that are under consideration.

The results contained in this package are derived from information that is available from various tracking organizations and news groups. Although comprehensive, this information is not intended to represent every possible plant under consideration but is intended to illustrate the large potential that exists for new coal-fired power plants.

Proposals to build new power plants are often speculative and typically operate on “boom & bust” cycles, based upon the ever changing economic climate of power generation markets. As such, it should be noted that many of the proposed plants will not likely be built. For example, out of a total portfolio (gas, coal, etc) of 500 GW of newly planned power plant capacity announced in 2001, 91 GW have been already been scrapped or delayed<sup>1</sup>.

**The Department of Energy does not guarantee the accuracy or suitability of this information.**

*Sources: 1 - Energy Central Daily & Wall Street Journal*



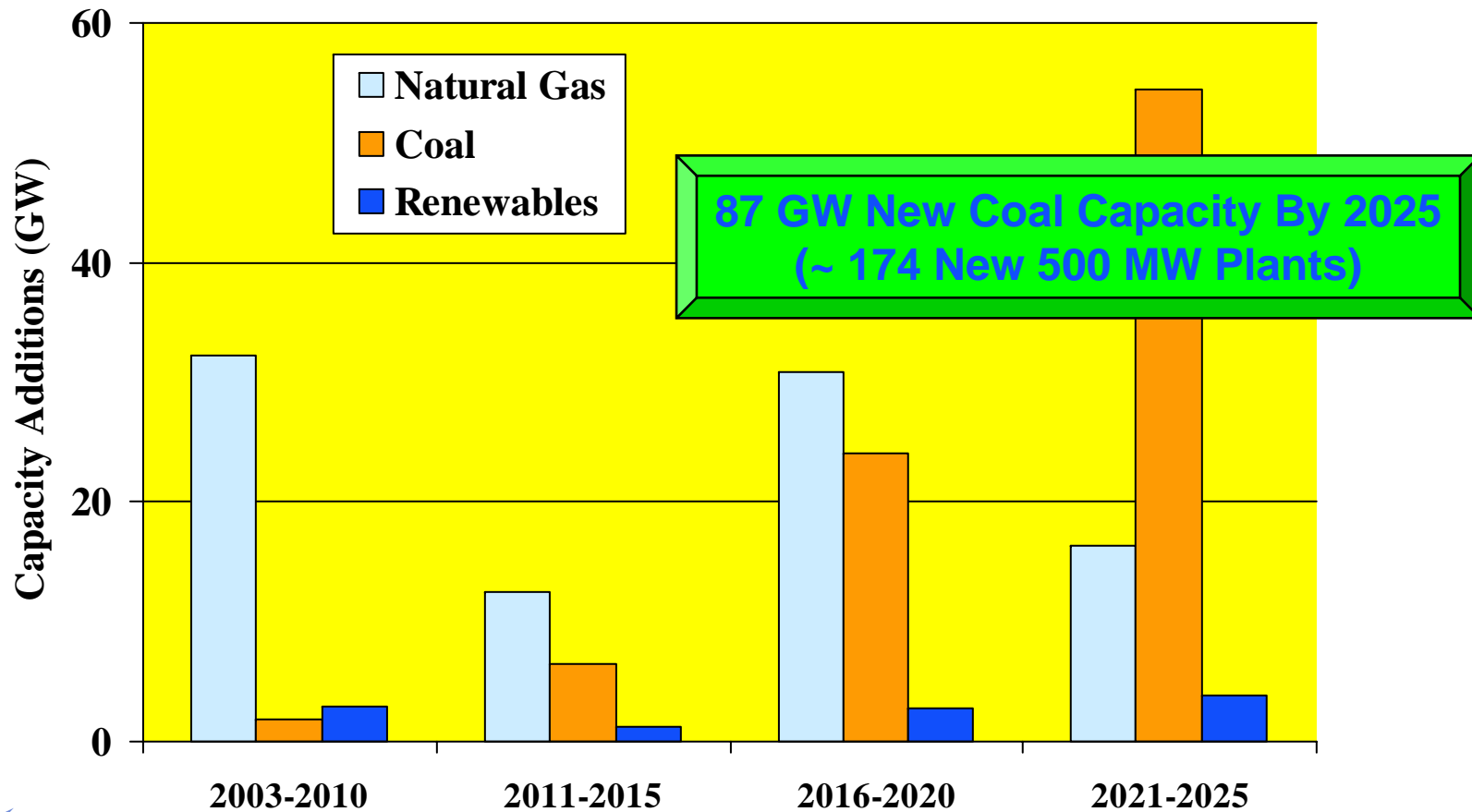
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# 87 GW New Coal Capacity By 2025 (Accounts for 46% of New Capacity Additions)

## New Electricity Capacity Additions

(EIA Reference Case)



Source: Data Derived From EIA Annual Energy Outlook 2005

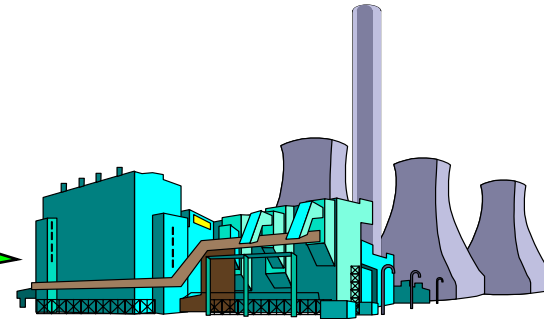


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# Coal's Resurgence in Electric Power Generation

114 Proposed Plants  
70 GW Power  
\$ 92 Billion Investment



Equivalent Power  
for  
70 Million Homes



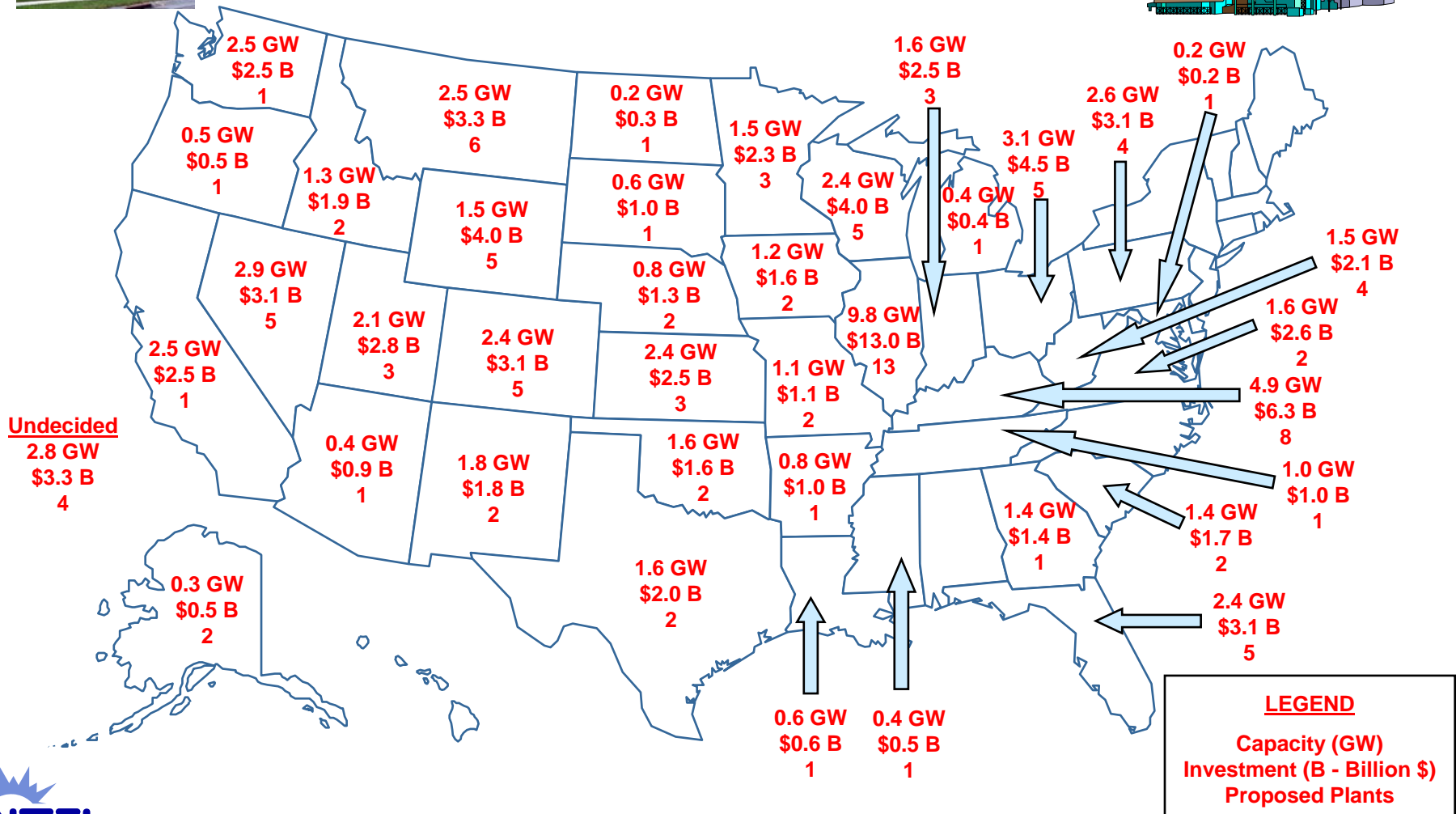
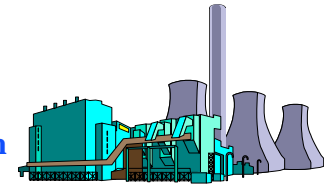
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Equivalent Power for  
70 Million Homes

## Proposed New Plants

114 Plants  
70 GW  
\$ 92 Billion

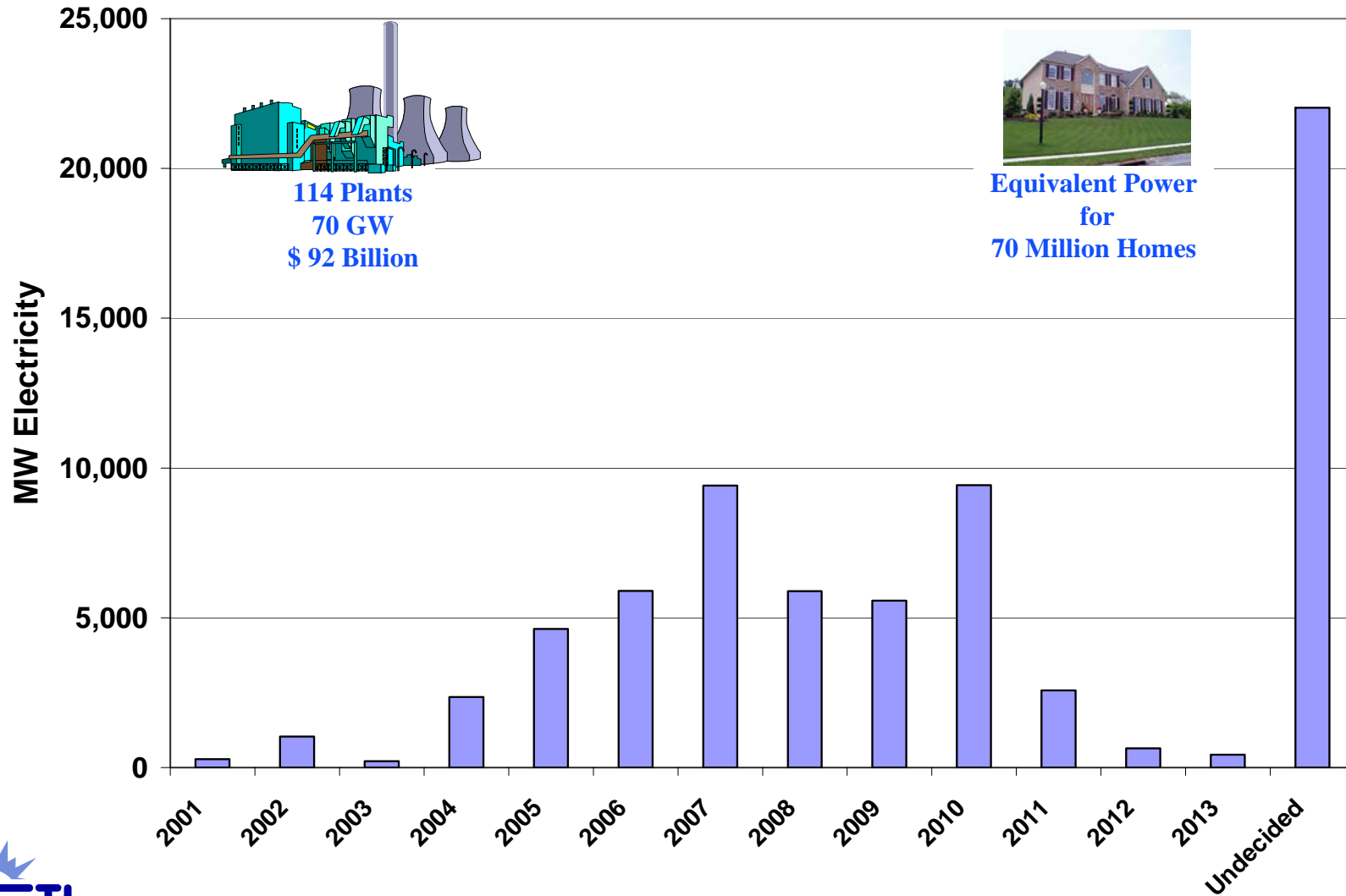


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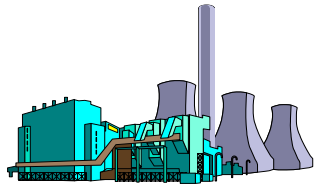
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# Coal's Resurgence in Electric Power Generation

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



# Coal's Resurgence State Summary



114 Plants  
70 GW  
\$ 92 Billion



Equivalent Power  
for  
70 Million Homes

State	Plants	Capacity (MW)	% Capacity	Investment (Million \$)	% Investment
Alabama	0	0	0.0	\$0	0.0
Alaska	2	300	0.4	\$521	0.6
Arizona	1	400	0.6	\$939	1.0
Arkansas	1	800	1.1	\$1,000	1.1
California	1	2,500	3.6	\$2,500	2.7
Colorado	5	2,389	3.4	\$3,142	3.4
Florida	5	2,385	3.4	\$3,050	3.3
Georgia	1	1,400	2.0	\$1,400	1.5
Idaho	2	1,250	1.8	\$1,850	2.0
Illinois	13	9,763	13.9	\$13,025	14.2
Indiana	3	1,600	2.3	\$2,500	2.7
Iowa	2	1,190	1.7	\$1,600	1.7
Kansas	3	2,360	3.4	\$2,510	2.7
Kentucky	8	4,946	7.0	\$6,337	6.9
Louisiana	1	600	0.9	\$600	0.7
Maryland	1	180	0.3	\$180	0.2
Michigan	1	425	0.6	\$425	0.5
Minnesota	3	1,456	2.1	\$2,300	2.5
Mississippi	1	440	0.6	\$500	0.5
Missouri	2	1,125	1.6	\$1,100	1.2
Montana	6	2,513	3.6	\$3,315	3.6
Nevada	5	2,915	4.1	\$3,115	3.4
Nebraska	2	820	1.2	\$1,295	1.4
New Mexico	2	1,800	2.6	\$1,800	2.0
North Dakota	1	175	0.2	\$300	0.3
Ohio	5	3,090	4.4	\$4,455	4.8
Oklahoma	2	1,600	2.3	\$1,600	1.7
Oregon	1	500	0.7	\$500	0.5
Pennsylvania	4	2,570	3.7	\$3,125	3.4
South Carolina	2	1,440	2.0	\$1,720	1.9
South Dakota	1	600	0.9	\$1,000	1.1
Tennessee	1	1,000	1.4	\$1,000	1.1
Texas	2	1,550	2.2	\$2,000	2.2
Utah	3	2,070	2.9	\$2,770	3.0
Virginia	2	1,600	2.3	\$2,600	2.8
Washington	1	2,500	3.6	\$2,500	2.7
West Virginia	4	1,495	2.1	\$2,055	2.2
Wisconsin	5	2,400	3.4	\$4,000	4.4
Wyoming	5	1,490	2.1	\$4,025	4.4
Undecided	4	2,750	3.9	\$3,300	3.6
<b>TOTALS</b>	<b>114</b>	<b>70,387</b>	<b>100</b>	<b>\$91,954</b>	<b>100</b>



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SPONSOR	PROPOSED LOCATION	SIZE TECHNOLOGY	TIMING	INVESTMENT	COAL SOURCE	SOURCES
			Status - (Date indicates latest reference) In Service - Planned Date			
IVA Bellefonte Site	Alabama Jackson County	1500 MW IGCC-Texaco	Cancelled (4/2003) <del>In Service - 2005</del>	~ \$ 1.5 Billion	High-Sulfur Coal- Illinois Basin	8, 7, 9, 12
Nuvista	Alaska Bethel	100 MW	Proposed (3/2004) In Service - 2010	~ \$ 100 Million	Coal	11
Usibelli Coal Mine Inc.	Alaska Healy	200 MW	Proposed (5/2003) In Service - TBD	\$ 421 Million	Coal	1
<del>Reliant Resources Hopi Tribe</del>	<del>Arizona Not yet located</del>	<del>1,200 MW</del>	<del>Cancelled (5/2002) In Service - 2008</del>	<del>~ \$ 1.2 Billion</del>	<del>low-Sulfur Sub- bituminous</del>	<del>11, 24</del>
Tuscon Electric Power	Arizona Springerville	400 MW	Approved (11/2003) In Service - 2006	\$ 939 Million	Sub-Bituminous	2, 3, 4, 12
Alabama Electric	Arizona Sumter County	500 MW	Cancelled In Service - 2007	~ \$ 500 Million	Sub-Bituminous	9, 6
Fort Chaffee Authority	Arkansas Fort Chaffee	2 Plants 750 MW each	Cancelled In Service - 2007	\$ 2.5 Billion	Arkansas Coal	11
LS Power Development	Arkansas Osceola	800 MW	Permitting (10/2003) In Service - 2008	\$ 1 Billion	Powder River Basin Coal	6, 9, 11
Fernald Power	California Humbolt City	2,500 MW	Proposed (10/2001) In Service - TBD	~ \$ 2.5 Billion	Coal	11
Radar Acquisitions Corp. / Kiewit	Colorado	400 - 500 MW	Feasibility Study (10/2003) In Service - TBD	~\$500 Million	Coal	11
DOE Foster Wheeler	Colorado Colorado Springs	150 MW CFB	On Hold (12/2003) In Service - 2008	\$275 Million	Coal	1, 11
Tri-State Generation and Transmission	Colorado Front Range	1,000 MW	Proposed (10/2004) In Service - 2011	~\$1 Billion	Coal	1

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Lamar Light & Power Ark. River Power Auth.	Colorado Lamar	39 MW increase Conversion	Feasibility study (8/2004) In Service - TBD	\$67 Million	Coal to replace natural gas	2
<del>Tri State Generation and Transmission</del>	<del>Colorado Las Animas</del>	<del>3 Units 400 MW each</del>	<del>Cancelled (4/03) In Service - 2005,06,07</del>	<del>\$ 1.2 Billion</del>	<del>Coal</del>	<del>11, 4, 12</del>
Xcel Energy	Colorado Pueblo	750MW	State Approved (2/2005) In Service - 2009	\$1.3 Billion	Coal	1, 11
<del>Deseret Generation &amp; Transmission Corp.</del>	<del>Colorado Rangely</del>	<del>80 MW</del>	<del>Cancelled (1/2005) In Service - 2004</del>	<del>\$ 140 Million</del>	<del>Waste Coal</del>	<del>1, 3, 12</del>
Florida Municipal Power Agency	Florida	500-600 MW	Considering (10/2002) In Service - 2009	\$ 600 Million	Coal	11
Florida Power & Light	Florida Crystal River	100 MW	Operational In Service - 2001	~ \$ 100 Million	Coal	12
Jacksonville Electric	Florida Duval	(2) 300 MW Units CFB	Operational (7/2002) In Service - 2002	~\$ 600 Million	Coal/Pet Coke	12, 3, 9
Orlando Utilities Comm. U.S. DOE	Florida Orange County	285 MW IGCC	Proposed (10/2004) In Service - 2010	\$750 Million	Coal	1, 2
Lakeland Electric & Water	Florida Polk County	350 MW	Cancelled In Service - TBD	~ \$ 350 Million	Coal	12
Florida Power & Light	Florida St. Lucie County	(2) 425 MW Units	Considering (3/2005) In Service - 2012, 13	~\$1 Billion	Coal	1, 11
LS Power Development	Georgia Early County	1,200 - 1,600 MW	Permitting (8/2002) In Service - 2005	~ \$1.4 Billion	Coal	6
Sempra Energy Resources	Idaho Elmore or Jerome	750 MW	Proposed (9/2004) In Service - TBD	\$1 Billion	Coal Low-Sulfur	21

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Southeast Idaho Energy LLC	Idaho Pocatello	~ 500 MW IGCC	Proposed (3/2005) In Service - 2010	\$850 Million	Coal	2
Dynegy	Illinois Baldwin	2 Plants 650 MW each	Proposed (10/2001) In Service - 2007	\$ 1.5 Billion	Illinois Coal	1
Illinois Energy Group	Illinois Benton	2 units 750 MW each	Proposed (8/2002) In Service - TBD	\$ 1.7 Billion	Coal	11, 17
Corn Belt Energy (DOE)	Illinois Elkhart	91 MW LEBS	Development (10/2003) In Service - 2004	\$ 140 Million	Waste Coal	1, 2, 8, 12
Turris Coal Company	Illinois Elkhart	25 - 35 MW	Proposed (10/2001) In Service - TBD	~ \$ 35 Million	Coal	11
Indeck Energy Service	Illinois Elwood	600 MW CFB	Final Permitting (10/2003) In Service - 2007	\$1 Billion	Illinois Coal	1, 12
Clean Coal Power Resources	Illinois Fayette County	2,400 MW Gasification	Proposal (10/2002) In Service - TBD	~ \$2.8 Billion	Coal	11
EnviroPower	Illinois Franklin County	500 MW	Permitting (5/2003) In Service - 2007	~ \$ 500 Million	Coal	8, 12
Madison Power Corp.	Illinois Marion	500 MW Gasification	Proposal (10/2004) In Service - TBD	\$ 2.0 Billion	Coal (Mine-Mouth)	2
Southern Illinois Power	Illinois Marion	120 MW	Operational (6/2003) In Service - 2003	\$ 50 Million	Bituminous Coal Fines	8, 9, 12
Erora Group	Illinois Taylorville	677 MW IGCC / Coprod.	Proposal (3/2005) In Service - TBD	~ \$700 Million	Coal (Mine-Mouth)	1, 19
Peabody Prairie Energy Campus	Illinois Washington City	2 units 750 MW each	Air Permit Rejected (3/2005) In Service - 2008	\$ 2.0 Billion	Illinois Coal High Sulfur	1, 11, 12

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Steelhead Energy Company LLC	Illinois Williamson County	545 MW IGCC	Proposal (11/2004) In Service - TBD	~600 Million	Coal	1
Cinergy Corp.	Indiana Edwardsport	600 MW IGCC	Proposal (10/2004) In Service - TBD	\$ 900 Million	Coal	23
EnviroPower	Indiana Fayette County	525 MW	Development (7/2002) In Service 2004	~ \$ 525 Million	Waste Coal	12, 8
EnviroPower	Indiana Pike County	500 MW	Initiate 2001 Cancelled 2002	\$ 600 Million	Waste Coal	2, 5, 8, 9, 12
Tondu Corp,	Indiana St. Joseph County	630 MW IGCC	Considering (3/2005) In Service - TBD	\$ 1 Billion	Coal	2
EnviroPower	Indiana Sullivan County	500 MW	Permitting - (10/2002) In Service - TBD	\$ 600 Million	Waste Coal	2, 5, 8, 9, 12
Alliant Energy	Iowa-	450 MW	Development (5/2003) Cancelled - 2003	~ \$ 450 Million	Coal	12, 1
MidAmerican Energy	Iowa Council Bluffs	790 MW Super-critical	Construction (8/2004) In Service - 2007	\$ 1.2 Billion	Coal	13, 1, 8, 11
Dairyland Power Cooperative	Iowa Mitchell or Chickasaw	400 MW	On Hold (12/2004) In Service - 2009-2014	~\$400 Million	Low Sulfur PRB and Colorado	2, 11
Sunflower Electric & International Energy	Kansas Garden City (Holcomb)	660 MW	Development (5/2003) In Service - 2006	~\$660 Million	Coal	1, 11, 12
Kansas City Power & Light	Kansas Iatan	850 MW	Development (2/2005) In Service - TBD	~ \$ 1 Billion	Coal	8, 1
Great Plains Energy	Kansas	850 MW	On Hold (7/2004) In Service - TBD	~ \$ 850 Million	Coal	1,

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EnviroPower	Kentucky Calvert City	500 MW	Development (8/2002) In Service - TBD	\$ 600 Million	Coal & Waste Coal	1, 2
Peabody Group "Thoroughbred"	Kentucky Muhlenberg	2 Units 750 MW each	Approved (3/2005) In Service - 2007	\$ 2.1 Billion	Western Kentucky High Sulfur Coal	1, 3, 9, 12, 16
Estill County Energy Partners	Kentucky Estill County	110 CFB	Development (10/2004) In Service - 2008	\$ 150 Million	Waste Coal	11, 2, 18
Cash Creek Generation	Kentucky Henderson City	1,000 MW	Permitting (11/2001) In Service - 2006	\$ 1 Billion	Coal	1
<del>Kentucky Mountain Power (EnviroPower)</del>	<del>Kentucky Knott County</del>	<del>525 MW</del>	<del>Suspended (4/2004) In Service - 2006</del>	<del>\$ 600 Million</del>	<del>Waste Coal &amp; New Coal</del>	<del>1, 2, 9, 12, 18</del>
East Kentucky Power co-op	Kentucky Maysville	268 MW CFB	Operational (3/2005) In Service - 2005	\$ 367 Million	Coal	15, 8, 12
East Kentucky Power co-op	Kentucky Maysville	278 MW CFB	Proposed (11/2004) In Service - 2009	\$ 400 Million	Coal	2, 22
Global - Kentucky Pioneer Energy - DOE	Kentucky Clark County	540 MW IGCC	Delayed (6/2004) In Service - 2004	~ \$ 520 Million	20% Coal 80% Waste	12, 1, 11, 18
LG&E Powergen	Kentucky Trimble County	750 MW Super-critical	Proposal (11/2004) In Service - 2010	\$1.2 Billion	Coal Illinois Basin	11, 1, 2
<del>NRG Energy</del>	<del>Louisiana New Roads</del>	<del>675 MW</del>	<del>Cancelled - 2002</del>	<del>~ \$ 675 Million</del>	<del>Coal</del>	<del>12</del>
NRG Energy	Louisiana Pointe Coupee	600 MW	Initiate - 2001 In Service - 2006	~ \$ 600 Million	Coal	2
AES Corporation	Maryland Cumberland	180 MW CFB	Operational In Service - 2001	~ \$ 180 Million	Maryland Coal	2, 7

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Manistee Saltwork Tondou Corp.	Michigan Manistee	425 MW	On Hold (11/2004) In Service - 2006	~ \$ 425 Million	Coal	2, 12
Great River Energy	Minnesota Dakota County	250-500 MW IGCC or CFBC	Proposed (2/2002) In Service - 2008	~ \$500 Million	Coal	11
<del>Minnesota Power</del>	<del>Minnesota Grand Rapids</del>	<del>225 MW</del>	<del>Cancelled (8/2002) In Service - 2005</del>	<del>~ \$200 Million</del>	Coal	8, 11
Excelsior Energy Mesaba Energy Project	Minnesota Hoyt Lakes	531 MW Gasification	Permitting (3/2005) In Service - 2010	\$1.2 Billion	Coal	11, 19
Xcel Energy / LS Power	Minnesota Rosemount	550 MW	Preliminary (3/2003) In Service - TBD	~\$ 600 Million	Coal	1, 2
Tractebel Power	Mississippi Choctaw County	440 MW	Operational In Service - 2002	\$ 500 Million	Lignite	2, 11,12, 7
Springfield City Council	Missouri Springfield	275 MW Additional	Voters Reject (10/2004) In Service - 2007	~ \$ 250 Million	PRB Coal	11
<del>Great Plains Power</del>	<del>Missouri Weston</del>	<del>750 MW</del>	<del>(5/2004) In Service - 2005</del>	<del>~ \$750 Million</del>	Coal	12, 1, 8
Great Plains Energy	Missouri Platte County	850 MW	Proposed (3/2005) In Service - 2010	~ \$ 850 Million	Coal	1, 12
<del>Composite Power</del>	<del>Montana Bear Creek</del>	<del>4 Plants 500 MW each</del>	<del>Cancelled (2/2003) In Service - 2004,6,8</del>	<del>\$ 1.5 Billion</del>	<del>Montana Coal</del>	2, 8, 12
Bull Mountain Development	Montana Billings	2 Units 350 MW each	Near Construct. (8/2004) In Service - 2005,6	~ \$ 700 Million	Coal	8, 12, 11
Southern Montana Electric Gen & Trans	Montana Great Falls	250 MW	Proposed (3/2005) In Service - 2010	\$ 515 Million	Coal	21, 11

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Centennial Power	Montana Hardin	113 MW	Construction (8/2004) In Service - 2005	~ \$ 150 Million	Coal	11, 1, 8, 12
Great Northern Power Development / Kiewit	Montana Miles City	500 MW CFB	Proposal (8/2004) In Service - 2008	\$ 900 Million	Lignite (Wind also)	1, 2, 11, 12
Comanche Park LLC	Montana Yellowstone City	2 Units 100 MW each	Development (7/2002) In Service - 2004-05	\$ 300 Million	Montana Coal	1
Bechtel / Kennecott Energy	Montana Undetermined	750 MW Phase I	Proposal (10/2003) In Service - 2010	~ \$ 750 Million	Montana (Mine-Mouth) Coal	11
Nevada Power	Nevada	500 MW	Feasibility Study (11/2003) In Service - 2010	~ \$ 500 Million	Coal	11, 2
<b>Sempra Granite Fox Power</b>	<b>Nevada Gerlach</b>	<b>2 - 725MW Units Super-critical</b>	<b>Proposal (2/2005) In Service - 2010, 11</b>	<b>~\$1.5 Billion</b>	<b>Powder River Basin Coal</b>	<b>2, 11</b>
Newmont Mining Corp.	Nevada Elko	200 MW	Considering (7/2004) In Service - 2007	~ \$ 200 Million	Coal	1, 12
Barrick Gold	Nevada East of Reno	115 MW	Considering (7/2004) In Service - TBD	~ \$ 115 Million	Coal	1
White Pine Energy	Nevada White Pine County	500 to 800 MW	Considering (2/2004) In Service - 2010	~ \$ 0.6 - 1 Billion	Coal	1, 2
Hastings Utilities, Grand Island	Nebraska Hastings	220 MW	Board Approved (12/2004) In Service - 2012	445 Million	Coal	2
Omaha Public Power District	Nebraska Nebraska City	600 MW	Approved (12/2004) In Service - 2009	\$ 850 Million	Powder River Basin Coal	1, 11
Steag Power / Navajo Nation	New Mexico Farmington	1,500 MW	Proposal (11/2003) In Service - 2007	\$1.5 Billion	Coal	1, 2, 12

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Peabody Energy	New Mexico Star Lake	300 MW	Permitting stage (10/2004) In Service - 2006	~ \$ 300 Million	Coal	11, 12, 8
Montana Dakota Utility Westmoreland Power	North Dakota Gascoyne	175 MW	Permitting (5/2004) In Service - 2010	\$ 300 Million	North Dakota Lignite	2, 3, 4, 8, 12
Great River Energy	North Dakota TBD	500 MW	Canceled (1/2003) In Service - 2010	\$ 700 Million	North Dakota Lignite	11, 12, 1
American Electric Power	Ohio	1,000 MW IGCC	Proposed (3/2005) In Service - 2010	2.0 Billion	Coal	1, 11
Nordic Energy	Ohio Ashtabula	830 MW Cogeneration	Permitting (5/2004) In Service - 2006	\$1.2 Billion	Coal	8, 11
Dominion Energy	Ohio Conneaut	600MW	Considering (7/2004) In Service - 2010	~ \$600 Million	Coal	11
Global Energy	Ohio Lima	580 MW IGCC	Permit/Develop (10/2004) In Service - 2007	\$ 575 Million	Coal Fines	1, 7, 3, 9, 11, 12
Sunoco	Ohio Scioto County	80 MW Cogeneration	Proposed (9/2004) In Service - 2006	~ \$ 80 Million	Coal	12
SynFuel	Oklahoma Enid	600 MW Gasification	Initiate - 2001 In Service - 2004	~\$ 600 Million	Coal	8
LS Power Development	Oklahoma Sequoyah	1,000 MW	On Hold (8/2002) In Service - TBD	~ \$ 1 Billion	Coal	6, 8
PacifiCorp	Oregon	500 MW	Initiate - In Service - 2004	~ \$ 500 Million	Coal	8
AES Corporation	Pennsylvania Beaver	800 MW	Cancelled In Service - TBD	~ \$ 800 Million	Coal	8

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# Coal's Resurgence in Electric Power Generation

## \*\* Database \*\*

SPONSOR	PROPOSED LOCATION	SIZE TECHNOLOGY	TIMING	INVESTMENT	COAL TYPE	SOURCES
			Status - (Date indicates latest reference) In Service - Planned Date			
Wellington Development	Pennsylvania Greene County	525 MW CFB	Draft Air Permit (3/2005) In Service - 2007	\$ 800 Million	Waste Coal	11
Reliant Energy	Pennsylvania Indiana	520 MW CFB	Operational (9/2004) In Service - 2004	\$ 800 Million	Waste Coal	1, 2, 8, 12
EnviroPower	Pennsylvania Somerset	525 MW	Initiate - 2002 In Service - TBD	~ \$525 Million	Coal	8
PA Energy Development Corp.	Pennsylvania Southwestern region	1,000 MW	Proposed (4/2004) In Service - TBD	~ \$ 1 Billion	Coal	2
Santee Cooper	South Carolina Berkeley County	640 MW	Development (2/2004) In Service - 2007	\$ 720 Million	Coal	1, 12, 2
LS Power Development	South Carolina Marion City	500-1,100 MW	Permitting (8/2002) In Service - 2006	~ \$ 1 Billion	Coal	6, 11
Otter Tail Power Company	South Dakota Milbank	600 MW	Proposed (3/2005) In Service - 2011	\$ 1 Billion	Coal	2
CME North America Merchant Energy	Tennessee Chattanooga	1000 MW	Proposed (9/2001) In Service - 2007	~ \$ 1 Billion	Coal	8, 11, 12
Pickwick Power TVA	Tennessee Hardin County	100 MW CFB	Cancelled (1/2003) In Service - 2004	\$400 Million	Coal	13, 11, 8, 12
City Public Service Board of San Antonio	Texas Calaveras Lake	750 MW	Permitting (12/2004) In Service - 2009	\$1 Billion	Coal	1, 11
LS Power Development	Texas Riesel	800 MW	Permitting (2/2005) In Service - 2009	\$1 Billion	Coal PBR	12
San Antonio Public Service Bd.	Texas San Antonio	500 MW	Cancelled In Service - 2004	~ \$500 Million	Coal	14

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SPONSOR	PROPOSED LOCATION	SIZE TECHNOLOGY	TIMING	INVESTMENT	COAL TYPE	SOURCES
			Status - (Date indicates latest reference) In Service - Planned Date			
PacifiCorp	Utah Emery	850 MW	Development (8/2003) In Service - 2009	\$ 800 Million	Coal	12, 2
Intermountain Power	Utah Delta	950 MW	Proposed (11/2004) In Service - 2008	\$1.7 Billion	Coal	3, 4, 8, 12, 10, 20
Nevco Energy	Utah Sigurd	270 MW CFB	Proposed (11/2004) In Service - 2008	~\$ 270 Million	Coal	11
Duke Energy North America	Virginia Isle of Wright	700 MW Gasification	Cancelled (9/2002) In Service - 2008	\$ 800 Million	Coal	1
LS Power Development	Virginia Sussex County	1,600 MW	Permitting (8/2002) In Service - 2005	~ \$ 1.6 Billion	Coal	6, 8, 1
Dominion, AEP, Appalachian Power	Virginia Southwest	TBD	Proposed (2/2005) In Service - 2012	\$1 Billion	Virginia Coal	2, 11
Composite Power	Washington Richland	2500 MW Refurbish old site	Assessment (8/2001) In Service - TBD	~ \$ 2.5 Billion	Coal	11
U.S. Electric Power Globaltex	Washington Whatcom County	249 MW	Cancelled (4/2003) In Service - 2004	~ \$ 250 Million	Low Sulfur Coal Vancouver	1, 3, 4, 8, 12
GenPower LLC Longview	West Virginia Monogalia County	660 MW	Permitting (11/2004) In Service - 2010	\$940 Million	Coal	2, 11
Western Greenbrier CO- Generation / DOE	West Virginia Greenbrier County	85 MW Advanced CFB	DOE Approved - (7/2004) In Service - 2008	\$215 Million	Waste Coal	1, 11
North American Power Group Ltd.	West Virginia Not yet located	300 MW	Proposal (2/2002) In Service - 2005	~ \$300 Million	Coal	14
Anker Energy	West Virginia Upshur County	450 MW	On Hold - (9/2002) In Service - 2006	\$ 600 Million	Central App. Coal & Waste Coal	1, 2, 12

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SPONSOR	PROPOSED LOCATION	SIZE TECHNOLOGY	TIMING	INVESTMENT	COAL TYPE	SOURCES
			Status - (Date indicates latest reference) In Service - Planned Date			
Alliant Energy	Wisconsin	500 MW	Considering (5/2004) In Service - 2010	~ \$ 500 Million	Coal PBR	1, 9, 12
MidAmerican Energy	Wisconsin Cassville	200 MW	Proposal - (9/2002) In Service - TBD	~ \$ 250 Million	Coal	8, 12
Wisconsin Energy & Madison Gas	Wisconsin Oak Creek	2 Plants (s-critical) 600 MW each	Development (3/2005) In Service - 2009-10	\$ 2.5 Billion	Powder River Basin Sub-Bituminous	11, 1, 12, 2
Wisconsin Public Service Corp.	Wisconsin Wausau	500 MW	Construction (12/2004) In Service - 2008	\$750 Million	Low-Sulfur Coal	1, 2, 11
North American Power Power Group	Wyoming Campbell County	300 MW	Construction (2/2005) In Service - 2008	\$ 450 Million	Waste Coal	4, 6, 7, 12
North American Power Power Group	Wyoming Campbell County	500 MW	Cancelled (2/2003) In Service - 2005	\$ 750 Million	Powder River Basin Waste Coal	6, 12
Basin Electric Power Cooperative	Wyoming Gillette	250 MW	Proposed (1/2005) In Service - 2011	~ \$ 625 Million	Powder River Basin Coal	2, 7
Black Hills Corp.	Wyoming Gillette	90 MW	Operational (3/2003) In Service - 2003	\$ 100 Million	Powder River Basin Sub-Bituminous	2, 4, 7, 12
Black Hills Corp.	Wyoming Gillette	500 MW	Development (5/2003) In Service - 2005	~ \$ 350 Million	Powder River Basin Sub-Bituminous	2, 3, 4, 7, 12
DKRW	Wyoming Medicine Bow	350 MW & Fuels	Considering (3/2005) In Service - 2008	2.5 Billion	Wyoming Coal	1
FirstEnergy/Consol	Undecided PA or OH	TBD IGCC	Considering (3/2005) In Service - TBD	TBD	Coal	19
Dominion Resources	Undecided	3 Plants 2,750 MW (total)	Initiate - TBD In Service - TBD	~ \$ 3.3 Billion	Coal	7, 8

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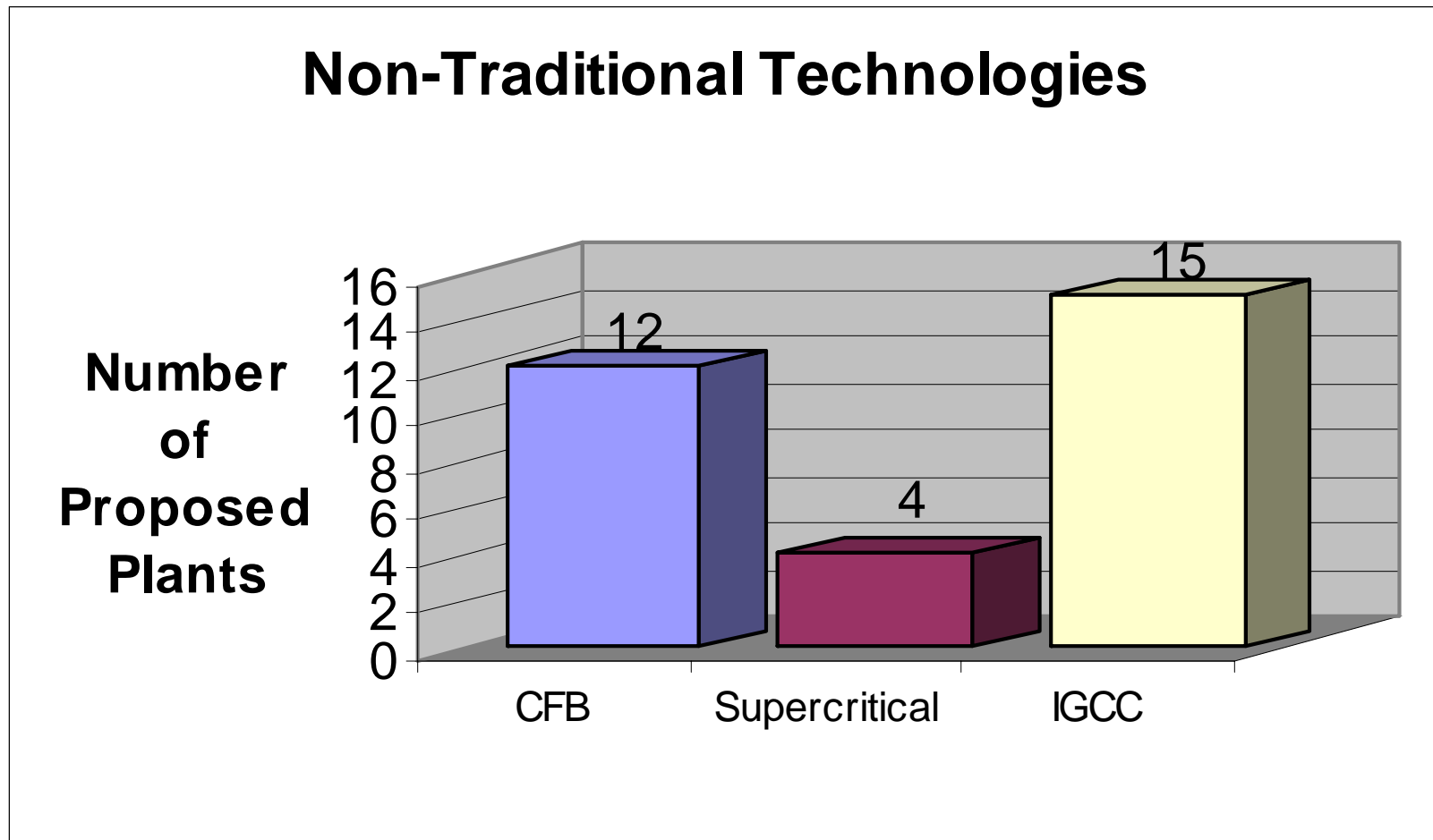
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# Coal's Resurgence in Electric Power Generation



# New Coal Fired Power Plant Projects

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