

# Coal's Resurgence in Electric Power Generation

\*\* Database \*\*

SPONSOR	PROPOSED LOCATION	SIZE TECHNOLOGY	TIMING Status - (Date indicates latest reference) In Service - Planned Date	INVESTMENT	COAL TYPE	SOURCES
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,
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
Kentucky Mountain Power (EnviroPower)	Kentucky Knott County	525 MW	Suspended (4/2004) In Service - 2006	\$ 600 Million	Waste Coal & New Coal	1, 2, 9, 12, 18
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	~ \$ 540 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
Cleco Power	Louisiana Boyce	600 MW 2-CFB units	Proposed (7/2005) In Service - TBD	\$ 1.0 Billion	Coal	1

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NRG Energy	Louisiana New-Roads	675 MW	Cancelled - 2002	~\$ 675 Million	Coal	12
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
Manistee Saltwork Tondu 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
Minnesota Power	Minnesota Grand Rapids	225 MW	Cancelled (8/2002) In Service - 2005	~ \$200 Million	Coal	8, 11
Excelsior Energy Mesaba Energy Project	Minnesota Hoyt Lakes	531 MW Gasification	Permitting (6/2005) 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
Associated Electric Cooperative Inc.	Missouri Carroll County	TBD	Proposed (4/2005) In Service - TBD	\$1 Billion	Coal	2
Springfield City Council	Missouri Springfield	275 MW Additional	Voters Reject (10/2004) In Service - 2007	~ \$ 250 Million	PRB Coal	11
Great Plains Power	Missouri Weston	750 MW	Not being Considered (5/2004) In Service - 2005	~ \$750 Million	Coal	12, 1, 8

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Great Plains Energy Kansas City Power & Light Composite Power	Missouri Platte County Montana Bear Creek	850 MW 4 Plants 500 MW each	Proposed (4/2005) In Service - 2010 Cancelled (2/2003) In Service - 2004, 6, 8	\$ 1.3 Billion \$ 4.5 Billion	Coal Montana Coal	1, 12 2, 8, 12
Bull Mountain Development	Montana Billings	2 Units 350 MW each	Air Permit Expired (7/2005) In Service - TBD	~ \$ 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
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 Nevada Power	Montana Undetermined Nevada	750 MW Phase I 500 MW	Proposal (10/2003) In Service - 2010 Feasibility Study (11/2003) In Service - 2010	~ \$ 750 Million ~ \$ 500 Million	Montana (Mine-Mouth) Coal Coal	11 11, 2
Sempra Granite Fox Power	Nevada Gerlach	2 - 725MW Units Super-critical	Proposal (7/2005) In Service - 2010, 11	\$ 2.0 Billion	Powder River Basin Coal	2, 11
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

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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	Near Construction (4/2005) 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
Peabody Energy	New Mexico Star Lake	300 MW	Permitting stage (10/2004) In Service - 2006	~ \$ 300 Million	Coal	11, 12, 8
Jamestown Board of Public Utilities	New York Jamestown	40 MW CFB	Proposal (4/2005) In Service - 2008	~ \$ 40 Million	Coal, Petroleum coke, Wood	12
Montana Dakota Utility Westmoreland Power	North Dakota Gascayne	175 MW	Permitting (6/2005) In Service - 2010	\$ 300 Million	North Dakota Lignite	2, 3, 4, 8, 12
Great River Energy	North Dakota FED	500 MW	Cancelled (1/2003) In Service - 2010	\$ 700 Million	North Dakota Lignite	11, 12, 1
Nordic Energy	Ohio Ashtabula	830 MW Cogeneration	Permitting (5/2004) In Service - 2006	\$1.2 Billion	Coal	8, 11
Dominion Energy	Ohio Conneaut	600 MW	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

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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
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
Robinson Power CO.	Pennsylvania Washington County	TBD	Proposed (4/2005) In Service - TBD	\$400 Million	Waste 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 (6/2002) In Service - 2006	~ \$ 1 Billion	Coal	6, 11
Otter Tail Power Company	South Dakota Milbank	600 MW	Permitting (6/2005) In Service - 2011	\$ 1 Billion	Coal	2, 11

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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	400 MW CFB	Cancelled (1/2003) In Service - 2004	\$400 Million	Coal	13, 11, 8, 12
Sepra Generation	Texas Bremond	600 MW	Proposal (7/2005) In Service - 2011	\$800 Million	Lignite Coal	1
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 Bld.	Texas San Antonio	500 MW	Cancelled In Service - 2004	~ \$500 Million	Coal	14
PacifiCorp	Utah Emery	850 MW	Development (8/2003) In Service - 2009	\$800 Million	Coal	12, 2
Intermountain Power	Utah Delta	950 MW	Development (6/2005) In Service - 2008	\$1.7 Billion	Coal	3, 4, 8, 12, 10, 20
Nevco Energy	Utah Sigurd	270 MW CFB	Proposed (6/2004) In Service - 2008	\$350 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

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Composite Power	Washington Richland	2500 MW Refurbish old site	Assessment (8/2001) In Service - TBD	~ \$2.5 Billion	Coal	11
Energy Northwest	Washington Western Washington	600 MW IGCC	Proposal (7/2005) In Service - 2011	~ \$600 Million	Coal	11
U.S. Electric Power Glaxo	Washington Whatcom County	249 MW	Cancelled (4/2003) In Service - 2004	~ \$250 Million	Low-Sulfur Coal Wansour	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
Alliant Energy	Wisconsin Portage	500 MW	Considering (6/2005) 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 (6/2005) 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 (6/2005) In Service - 2008	\$750 Million	Low-Sulfur Coal	1, 2, 11
North American Power Group	Wyoming Campbell County	300 MW	Construction (6/2005) In Service - 2008	\$ 450 Million	Waste Coal	4, 6, 7, 12

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North American 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	100 MW	Development (6/2005) In Service - 2008		~ \$ 160 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
American Electric Power	Undecided: OH, WV, and/or KY	2 - 600MW IGCC Plants	Proposed (6/2005) In Service - 2010		2.0 Billion	Coal	1, 11
FirstEnergy/Consol	Undecided PA or OH	TBD IGCC	Considering (3/2005) In Service - TBD		TBD	Coal	19
Westar Energy Inc.	Undecided	TBD	Considering (6/2005) In Service - 2012		TBD	Coal	2
Dominion Resources	Undecided	3 Plants 2,750 MW (total)	Initiate - TBD In Service - TBD		~ \$ 3.3 Billion	Coal	7, 8

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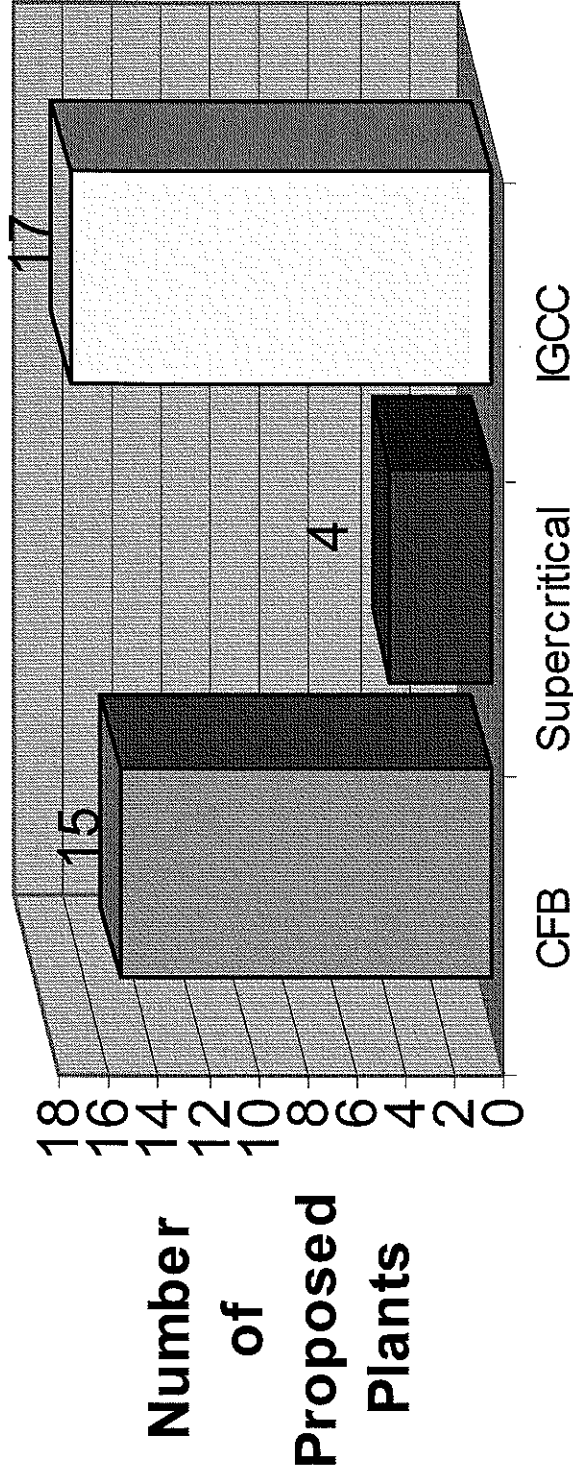
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## Advanced Technologies



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# New Coal Fired Power Plant Projects

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