



# America's Biggest Polluters

Carbon Dioxide Emissions  
from Power Plants in 2007



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Cover photo: Coal-fired power plant. Photo: acilo

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# Executive Summary

The United States relies heavily on outdated technology and limited resources for most of its electricity needs. While the production of clean, renewable energy such as wind and solar power is growing, the vast majority of American electricity comes from burning fossil fuels—coal, oil, and natural gas—and from nuclear power.

Our long-time dependence on fossil fuels is a threat to our future. It wreaks havoc on our environment by polluting our air, land, and water; and it puts our entire economy at risk due to our reliance on imports from unfriendly parts of the world. Most importantly, it fuels global warming—the most profound environmental problem of our time, with ever growing impacts that will impose threats to our safety and immense financial cost on our society. Power plants are the single largest source of U.S. carbon dioxide (CO<sub>2</sub>) emissions, the main pollutant that fuels global warming.

Coal is the biggest culprit. Coal supplies just under half of America's electricity – more than any other source – and is the dirtiest of all fuels. Coal has the highest carbon content of any fossil fuel per unit of energy, meaning that burning coal for electricity produces more carbon per kilowatt-hour generated than does burning oil or natural gas. America's fleet of coal-fired power plants emitted more than 80 percent of CO<sub>2</sub> pollution from U.S. power plants in 2007 and 36 percent of the total U.S. CO<sub>2</sub> pollution, as well as disproportionate amounts of smog- and soot-forming pollutants, toxic mercury, and other toxic air pollutants.<sup>1</sup>

This report examines CO<sub>2</sub> emissions of America's power plants. We analyze 2007 plant-by-plant data from the Environmental Protection Agency's Acid Rain Program; 2007 is the most recent year for which final data is available. The report finds that America's power is dirty – and also very old – and that these two qualities tend to go hand-in-hand.

Key findings include the following for 2007:

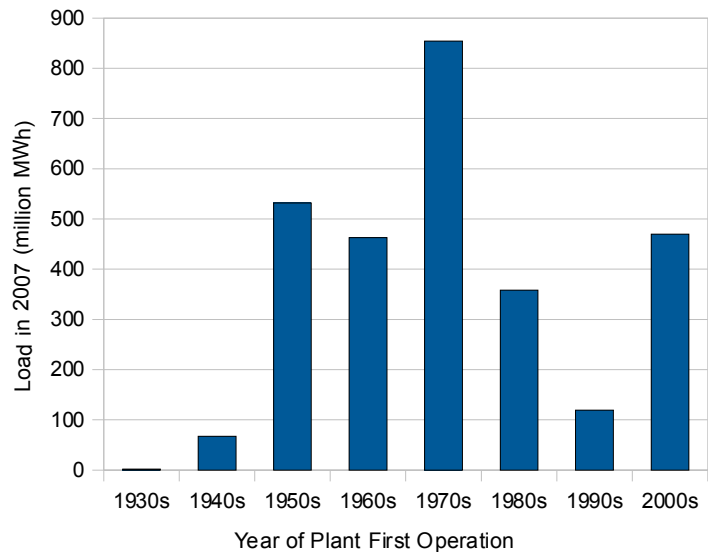
#### America's power is old:

- **Two-thirds of fossil-fuel electricity was generated by plants built before 1980.** We are reliant on plants more than 30 years old for the majority of our electricity. See ES Figure 1.
- **The oldest plants in the nation – which have been in operation for as long as 70 years – are located in Indiana, Wisconsin, New York, Iowa, and North Carolina.** These dinosaur plants were built in the same decade that the television first became commercially available.

#### America's power is dirty:

- **In 2007, power plants released 2.56 billion tons of CO<sub>2</sub>, equivalent to the amount produced by 449 million of today's cars.** This represents 42 percent of the total U.S. CO<sub>2</sub> emissions in 2007.<sup>2</sup>
- **Georgia, Alabama, and Indiana are home to the dirtiest power plants.** Along with Texas, Michigan, and Arizona, these states are home to power plants that each emitted more than 20 million tons of carbon dioxide pollution – equivalent to the pollution from 3.5 million of today's cars – in 2007. Georgia and Texas both have two plants that belong to this elite dirty club.
- **Texas, Ohio, Florida, Indiana, and Pennsylvania emitted the most CO<sub>2</sub> pollution from power plants.** Texas power plants emitted nearly twice the amount of CO<sub>2</sub> emitted by power plants in Ohio and Florida, the next highest polluting states.

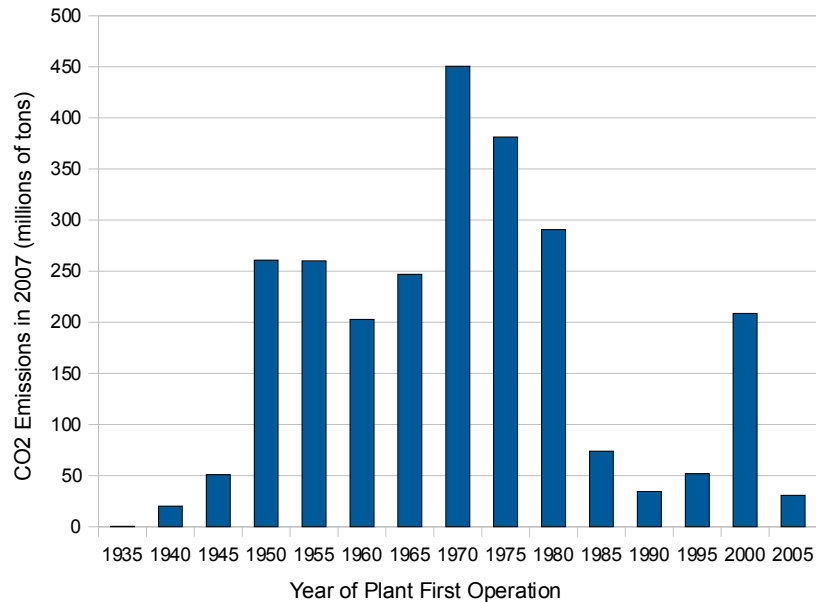
E.S. Figure 1. America's electricity comes from old power plants



#### The oldest and dirtiest often go hand-in-hand:

- **The oldest power plants are dirty.** Plants built before 1980 produced 73 percent of U.S. CO<sub>2</sub> emissions from power plants. These represent just less than half of all plants, indicating that the older half of plants pollute a disproportionate amount. See ES Figure 2.
- **The dirtiest power plants are old.** Of plants that produced more than five million tons of CO<sub>2</sub> pollution in 2007, 83 percent were built before 1980. This subset of 129 plants, just 10 percent of plants—the oldest of the dirtiest—generated almost half of our electricity and produced half of the CO<sub>2</sub> emissions from power plants in 2007. See ES Figure 3.
- **Older means dirtier on average.** For each year older a coal generator is on average, it created 0.001 more tons of CO<sub>2</sub> for each Megawatt-hour of electricity it produced in 2007. The relationship is slightly stronger for natural gas.

E.S. Figure 2. Carbon dioxide emissions in 2007 based on plant age



## Power Plants Must Be Required to Clean Up

**Cleaning up America's fleet of aging, inefficient power plants is critical to stopping global warming.** We cannot achieve the real and sustained reductions in global warming pollution that science shows are urgently needed to stop the worst effects of global warming unless we begin now to reduce carbon pollution from the utility sector.

The most recent report by the United Nations' Intergovernmental Panel on Climate Change, released in 2007, found that in order to have a 50-50 chance of avoiding dangerous global warming, developed nations as a whole must reduce global warming emissions by 25-40 percent below 1990 levels by 2020 and by 80-95 below 1990 levels by 2050. Cutting pollution from the oldest and dirtiest power plants is a key to being able to achieve these reductions.

**Moving to clean energy means leaving old, inefficient, and dirty technology behind.** The U.S. Department of

Energy projects that electricity demand will remain relatively flat over the next two decades, growing at an annual average rate of less than 1 percent – and that's without factoring in the enormous efficiency gains that we can and should make. These projections make it clear that allowing polluting fossil fuels to maintain the monopoly over America's electricity will result in a much smaller market for renewables. Making the move to clean, renewable energy will cut pollution as well as jump-start our economy and create millions of clean energy jobs.

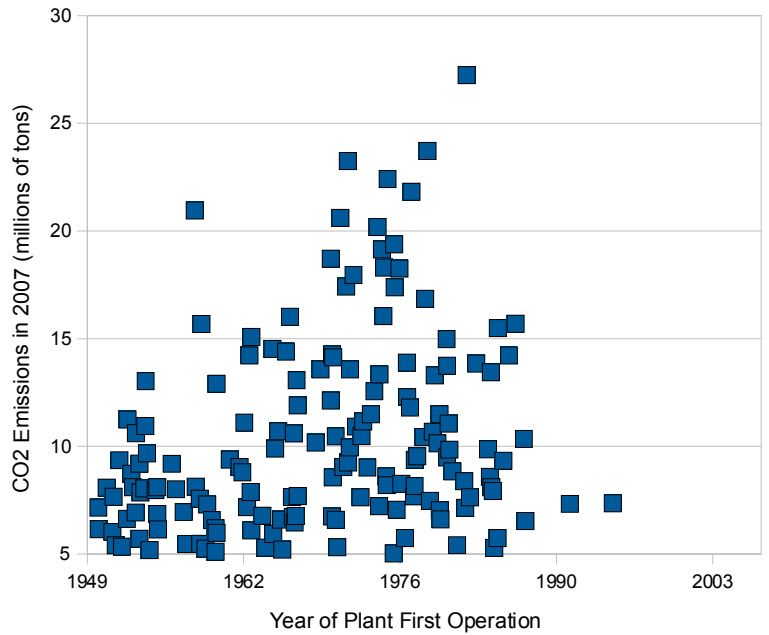
**In order to build a clean energy economy and stop global warming, lawmakers should adopt the following recommendations:**

1. The Environmental Protection Agency should finalize its proposal to require coal plants and other big smokestack industries to meet modern standards for global warming pollution when new

plants are built or existing plants are upgraded.

2. Congress should pass strong clean energy and global warming legislation that caps global warming pollution at science-based levels, establishes strong mandates for clean energy production, and does not repeal the sections of the Clean Air Act that require coal-fired power plants to meet modern standards for global warming pollution.
3. Congress should eliminate subsidies that help keep our nation dependent on fossil fuels for its electricity.

E.S. Figure 3. CO<sub>2</sub> Emissions in 2007 by Plant for Dirty Plants (emitted more than 5 million tons of CO<sub>2</sub>)





# America's Energy: A Menacing Mix

America used 4.2 trillion kilowatt-hours of electricity in 2007.<sup>3</sup> That electricity is used to light rooms, heat and cool our food, water, and homes, and power industry. This energy comes from a wide variety of sources, from wind turbines and solar panels to large power plants powered by fossil fuels or nuclear power. But it doesn't come in equal amounts, nor with equal consequences.

The lion's share of the electricity generated in the United States in 2007—almost three-quarters—came from fossil fuels. Our long-term dependence on coal, natural gas, and oil pollutes our air and water, threatens public health, drains our economy of precious resources, and fuels global warming.

Producing energy by burning coal is dirty and dangerous from cradle to grave—from mountaintop removal mining to pollution that threatens our health and fuels global warming to the toxic sludge that remains as a byproduct. Coal-fired power plants provide just under half

of America's electricity (Figure 1) and are responsible for a disproportionate amount of the country's air and global warming pollution. America's fleet of coal-fired power plants emitted over 80 percent of global warming pollution from all U.S. power plants in 2007 (Figure 2), as well as disproportionate amounts of harmful smog- and soot-forming pollutants, toxic mercury, and other air toxic pollutants.

## Global Warming

Global warming has the potential to impose vast and unpredictable impacts on our environment and our lives. A warmer planet means dangerous changes to weather patterns, melting ice leading to sea-level rise, and shifting ocean currents. The impacts range from more intense storms that devastate coastal cities to vast displacements of world populations due to food and water shortages that may result from a warming climate.

Fossil fuel consumption is the leading contributor to global warming. Coal has the highest carbon content of any fossil fuel per unit of energy, meaning that burning coal for electricity produces more carbon per kilowatt-hour generated than does burning oil or natural gas. Coal emits 27 percent more CO<sub>2</sub>, the main pollutant that fuels global warming, per unit of energy than oil and 75 percent more than natural gas. Indeed, coal plants are the single largest source of global warming pollution in the nation, producing over one-third of the total U.S. CO<sub>2</sub> emissions in 2007.

As a result of our continued dependence on fossil fuels, we are already seeing the early effects of global warming all around us. For example, just two years ago, researchers thought the Arctic would be ice free in the summer by the end of the century. Now, scientists project it will happen in just five years.<sup>5</sup> All over the world, global warming is happening far faster than scientists had predicted, and with more damaging effects.

## Air Pollution

Burning fossil fuels emits pollutants into our air that are a direct threat to public health. Power plants produce the primary ingredients of soot and smog, which are dangerous to breathe and can even shorten lives.<sup>7</sup>

Soot, or particle pollution, is directly released as fossil fuels are burned. Research has found that particle pollution and cigarette smoking harm the body in similar ways.<sup>8</sup> A 2004 report by the Clean Air Task Force estimated that soot pollution from power plants contributes to 24,000 premature deaths, 38,200 non-fatal heart attacks, and tens of thousands of hospital visits and asthma attacks each year.<sup>9</sup>

Smog, or ground-level ozone, results from a chemical reaction involving ni-

Figure 1. U.S. Electric Power Industry Net Generation, 2007<sup>4</sup>

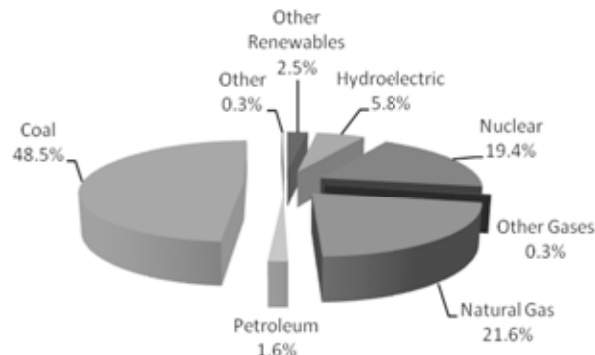
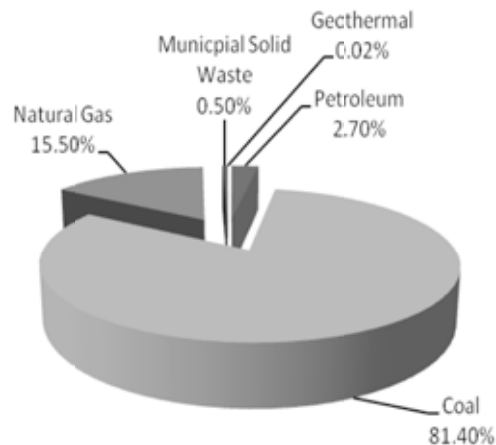


Figure 2. U.S. Carbon Dioxide Emissions from Electric Power Sector, 2007<sup>6</sup>



trogen oxides (NO<sub>x</sub>), a class of pollutants emitted from burning fossil fuels. In fact, coal-fired power plants are the second largest source of NO<sub>x</sub> in the United States. Ozone has been found to cause shortness of breath, chest pain, asthma attacks, and increased susceptibility to respiratory infections at current levels in the United States.<sup>10</sup>

A 2009 report by the National Academy of Sciences quantified the external damages that major air pollutants from burning fossil fuels incur upon human health, grain crops, buildings, and recreation. The report found that

coal-fired power plants cost the United States approximately \$62 billion in external damages in 2005, about 3.2 cents per kilowatt-hour of energy. Similarly, burning natural gas incurred external costs from air pollutants totaling \$740 million in 2005, an average of 0.16 cents per kilowatt-hour of energy.<sup>11</sup>

The electric power sector also is the largest source of toxic pollutants, such as mercury, arsenic, and lead, in the United States.<sup>12</sup>

Power plants are the largest industrial source of U.S. air emissions of mercury, a potent neurotoxin. Burning fossil fuels releases mercury into the air, which can be rained down onto land and into water and contaminate the fish we eat. Mercury is particularly harmful to the developing brain; even low-level exposure can cause learning disabilities, developmental delays, lowered IQ, and problems with attention and memory.<sup>13</sup> As little as one gram of mercury can poison a mid-sized lake's fish,<sup>14</sup> and, in 2007, the EPA reported that over 100,000 pounds of mercury were released into our environment.<sup>15</sup>

## Combustion Waste

Burning coal and oil for electricity produces waste in the form of fly ash and sludge, which are often stored in containment ponds on-site. The waste is known to contain as many as 23 heavy metals concentrated over decades of storage. There are no current federal controls in place for this waste, and it is often a threat to drinking water. Power plants are estimated to produce up to 130 million tons of this waste per year. About half of power plants dump their waste in surface ponds—only 26 percent of which are lined to prevent pollution from escaping or leeching into the groundwater.<sup>16</sup>

In December 2008, a combustion waste pond at a power plant in Tennessee containing 1.1 billion gallons of the toxic

sludge breached its barriers and poured across 300 acres of land, destroying homes and dumping into nearby rivers. This spill was estimated to be 100 times the size of the infamous Exxon-Valdez oil spill and extremely toxic—water samples by scientists around the spill site have shown elevated levels of mercury and lead, and arsenic levels up to 100 times above the drinking water standards.<sup>17</sup>

## Extraction

Before fossil fuels can be burned to produce energy, their extraction from the earth by mining or drilling can cause a variety of serious and harmful environmental impacts.

Coal mining contaminates water supplies. The Environmental Protection Agency reports that in 2007, coal mines released almost 13 million pounds of toxic chemicals, including ammonia, arsenic, lead, and mercury, into landfills and streams.<sup>18</sup> Coal mining also damages the face of our land. Mountaintop removal mining, a common form of coal mining in Appalachia, blasts off the tops of mountains, leveling hills and filling valleys with the resulting debris. Between 1985 and 2001, mountaintop removal mining polluted or completely buried more than 1,200 miles of streams and destroyed seven percent of the region's forests.<sup>19</sup>

The process to acquire natural gas also poses a threat to drinking water. For an average drilling site, approximately 10,000 gallons of undisclosed chemicals are used to create cracks in underground formations to allow gas to flow through.<sup>20</sup> With an absence of federal regulations and with state regulation often uneven and inadequate due to lack of resources, leaks and spills are becoming more common, increasing the likelihood that these chemicals can make their way into our drinking water.<sup>21</sup>

*Photo: Vivian Stockman*



*Mountaintop removal coal mine in southern West Virginia.*

For example, in September 2009, natural gas drilling in northeast Pennsylvania resulted in three spills within one week of thousands of gallons of chemicals near the town of Dimock. While the drilling company, Cabot Oil & Gas Corp., refused to disclose the chemicals that were spilled, the Pennsylvania Department of Environmental Protection reported that the spills consisted of a potentially cancer-causing chemical used as a lubricant in natural gas drilling. Residents of the town reported clouded drinking water, sick animals, and flammable wells after drilling started near the area.<sup>22</sup>

Withdrawing raw gas from underground formations and processing gas in compressors also releases pollutants (CO<sub>2</sub> and methane, CH<sub>4</sub>) that fuel global warming. Methane is a much more potent global warming pollutant than CO<sub>2</sub>, by a factor of 20.<sup>23</sup> Transporting natural gas from production sites to use sites requires 1.5 million miles of high-pressure pipelines across the United States.<sup>24</sup> Leaks in these pipelines release more methane into our atmosphere.

Though oil is only a small percentage of our electricity, it makes up a large chunk of our overall power mix when considering transportation fuels. The United States is the world's third largest petroleum producer, with more than 500,000 producing wells and approximately 4,000 oil and natural gas platforms operating in U.S. waters.<sup>25</sup> Drilling off of our coasts can threaten ocean species and coastlines with spills.

## **Economic Liability**

America's dependence on fossil fuels is expensive. Rising costs of heating fuels in recent years have led to higher winter heating bills for Americans in colder parts of the country. Instability in natural gas and coal prices have caused spikes in electricity rates and hit fossil fuel-dependent segments of industry particularly hard. To add insult to injury, much of the money we spend on fossil fuels—particularly oil—is sent overseas, enriching foreign governments and

businesses at the expense of our domestic economy.

In 2006, the United States spent nearly seven percent of its gross domestic product, or \$921.2 billion, on fossil fuels for home, business, and transportation use.<sup>26</sup> This amounts to \$3,083 per U.S. resident.<sup>27</sup> While oil accounts for the vast majority of this spending, in 2007 the average American household spent \$1,934 on natural gas, electricity, and fuel oil for home use.<sup>28</sup>

## Nuclear Power

Almost another one-fifth of our energy mix in 2007 came from nuclear power, a costly, dangerous, and time-intensive energy investment, especially compared with investments in clean energy and efficiency.

Start-up for nuclear power is expensive. Building 100 new nuclear reactors – the level of construction currently advocated by supporters of nuclear power – would require an up-front capital investment on the order of \$600 billion (with a possible range of \$250 billion to \$1 trillion).<sup>29</sup> And that's not the whole story—any up-front investment in nuclear power would lock in additional expenditures over time. Once a plant is built, the price of the electricity it generates will reflect the ongoing need to pay off debt; the cost of operating and maintaining the plant, the cost of fueling the plant with uranium; the cost of decommissioning the plant and disposing of the waste; and the cost of transmitting and distributing the electricity to consumers.

During the last wave of nuclear construction in the United States, the average reactor took nine years to build.<sup>30</sup> New reactors are likely to experience similar delays. For example, a new reactor now under construction in Finland is at least three years behind schedule after a series of quality control failures.<sup>31</sup>

By 2018, a reasonable estimate for the first date a new reactor could be online, nuclear power will be among the least cost-effective options for reducing global warming pollution. Per dollar spent over the lifetime of the technology, energy efficiency and biomass co-firing are five times more effective at preventing carbon dioxide pollution than nuclear power.<sup>32</sup>

Aside from being expensive, nuclear power also threatens our health, safety, and security. Nuclear reactors have created more than 50,000 tons of toxic, radioactive waste for which there is no current disposal solution.<sup>33</sup>

## The Promise of A Clean Energy Economy

There is a better, cleaner way. We can unleash the power of clean energy to rebuild our economy, protect our environment, stop global warming, and build a sustainable future. We have the technology and the skilled workforce to tap vast reserves of energy efficiency and limitless energy from the sun, the wind, the waves, and the heat of the earth.

We can make our homes and businesses so efficient that they use zero-net energy. Increasing the efficiency of our economy is the fastest and cheapest way to cut global warming pollution and means less damage to our environment—fewer mountain landscapes ruined by coal mining, fewer toxic chemicals in our drinking water, and less disastrous effects of global warming. Also, by improving the efficiency of our economy alone, we can create more than 1 million new jobs for Americans by 2030.<sup>34</sup>

We can harness the power of the wind and the sun for the energy we need. These resources won't run out, don't harm our environment, and will only grow cheaper over time. For example, the nation's cumulative wind power potential



has been estimated at upwards of 10 trillion kilowatt-hours annually—more than twice the amount of electricity currently generated in the United States.<sup>35</sup> Similarly, the United States could generate all of its electricity by installing solar panels on only seven percent of the land area currently used for buildings, parking lots and other built up areas.<sup>36</sup> Tapping solar thermal energy through “passive solar”

applications, such as solar hot water heating, can significantly reduce use of fossil fuels in buildings. New central station solar power technologies promise the capability to use the sun’s energy to generate electricity even when the sun isn’t shining, by storing heat for use at night. We also have tremendous potential for producing energy from tides, underground heat, and other renewable sources.

# America Relies on Outdated, Polluting Energy

This report analyzes data collected from the Environmental Protection Agency's Acid Rain Program. The Acid Rain Program, established under the 1990 Clean Air Act to reduce sulfur dioxide pollution from power plants, tracks pollution and other data for over 1,200 of the country's dirtiest power plants. Electric utilities have reported their CO<sub>2</sub> emissions under the program since 1995.

This report uses the Acid Rain Program database from 2007, the most recent year for which final data is available, to analyze CO<sub>2</sub> emissions among America's power plants.

Our analysis finds that America's power plants – particularly coal plants – are both old and dirty. Burning fossil fuels for almost three-quarters of our energy means that we are reliant on an infrastructure that is decades-old and

which releases CO<sub>2</sub> into our atmosphere in unchecked amounts.

## America's Power is Old

Our analysis finds that the majority of our energy comes from plants that are at least three decades old.

- Two-thirds of U.S. fossil fuel electricity in 2007 was generated by power plants built before 1980. These relics rely on outdated infrastructure yet continue to expand capacity. At the Tennessee Valley Authority plant that spilled 1.1 billion gallons of toxic waste in December of 2008, the waste had been building up for over 50 years. See Figure 3.
- Indiana and Wisconsin are home to power plants seven decades old—the oldest in operation.

Table 1. Nation's 50 Oldest Power Plants in 2007

National Old Rank	State	Plant Name	Date Plant Began Operation	Electricity (MWh) Produced in 2007
1	IN	C. C. Perry K Steam Plant	Aug, 1938	72,303
2	WI	Blount Street	Dec, 1938	2,031,208
3	NY	Oswego Harbor Power	Jan, 1940	258,715
4	IA	Sixth Street	Apr, 1940	320,925
5	NC	Cliffside	Jul, 1940	4,335,757
6	IA	Dubuque	Jun, 1941	338,339
7	NC	Buck	Jul, 1941	1,847,081
8	MN	High Bridge	Jan, 1942	939,089
9	IN	Harding Street Station (EW Stout)	Apr, 1942	4,114,772
10	WI	Pulliam	Jan, 1943	2,519,081
11	AR	Harvey Couch	Sep, 1943	30,184
12	NY	AES Westover (Goudey)	Oct, 1943	495,603
13	OH	R E Burger	Jan, 1944	1,297,406
14	WV	Rivesville Power Station	Jan, 1944	270,579
15	VA	Glen Lyn	Jun, 1944	1,611,812
16	IN	Edwardsport	Jul, 1944	254,354
17	NY	Huntley Power	Jan, 1945	2,756,314
18	TX	Mountain Creek Generating Station	Dec, 1945	405,102
19	VA	Mirant Potomac River	Oct, 1946	1,600,625
20	MD	R. Paul Smith Power Station	Jan, 1947	697,566
21	IL	Havana	Jul, 1947	3,460,179
22	KY	Tyrone	Oct, 1947	428,764
23	IA	Lansing	Jan, 1948	1,723,743
24	MS	Rex Brown	Jan, 1948	181,945
25	PA	Mitchell Power Station	Jan, 1948	952,495
26	CA	AES Redondo Beach	Feb, 1948	532,063
27	TX	Handley Generating Station	Apr, 1948	298,077
28	IL	Meredosia	Jun, 1948	1,951,748
29	OH	O H Hutchings	Jul, 1948	691,412
30	CO	Zuni	Aug, 1948	68,439
31	MI	B C Cobb	Sep, 1948	2,338,616
32	NJ	Sewaren Generating Station	Nov, 1948	145,046
33	NY	Rochester 7 - Russell Station	Dec, 1948	1,315,233
34	KS	Riverton	Jan, 1949	671,689
35	MN	Riverside (1927)	Jan, 1949	2,343,971
36	WV	Willow Island Power Station	Jan, 1949	740,786
37	IN	IPL Eagle Valley Generating Station	Feb, 1949	1,576,882
38	AL	Gadsden	Apr, 1949	538,780
39	MI	Trenton Channel	May, 1949	3,388,101
40	WI	DTE Stoneman, LLC	May, 1949	66,430
41	MA	Kendall Square	Jun, 1949	1,867,412
42	MN	Hibbard Energy Center	Jul, 1949	223,945
43	AR	Cecil Lynch	Jul, 1949	38,547
44	PA	Sunbury	Aug, 1949	1,910,219
45	NC	W H Weatherspoon	Sep, 1949	1,017,849
46	IL	Wood River Power Station	Nov, 1949	3,041,419
47	OH	Avon Lake Power Plant	Dec, 1949	3,078,474
48	NC	Dan River	Dec, 1949	1,139,134
49	OH	Miami Fort Generating Station	Dec, 1949	7,399,485
50	NY	Dunkirk	Jan, 1950	3,645,934



Figure 3. America's electricity comes from old power plants

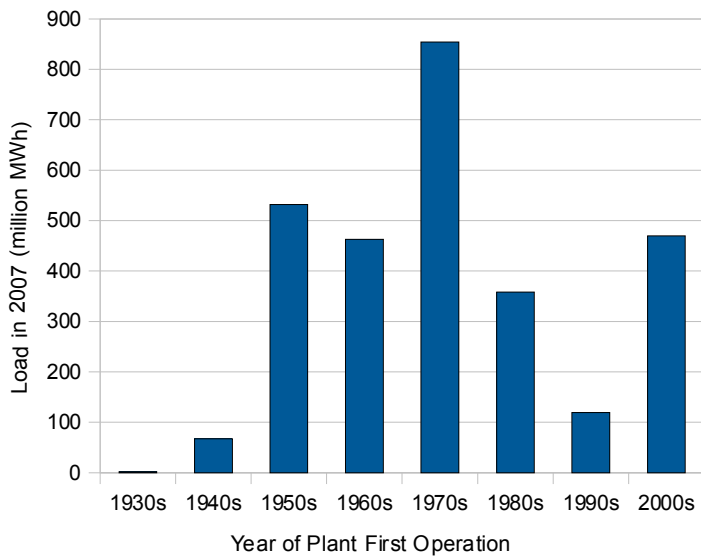
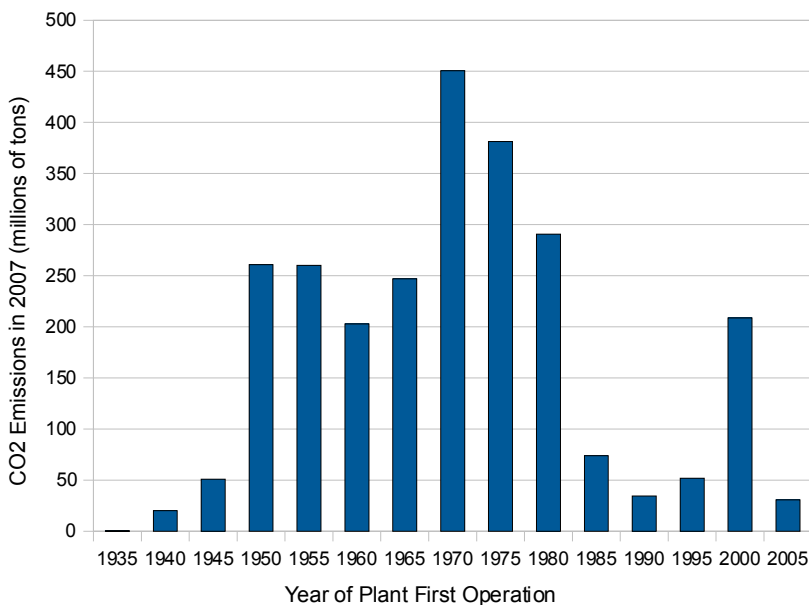


Figure 4. Carbon dioxide emissions in 2007 based on plant age



These two plants were built in 1938. New York, Iowa, and North Carolina follow closely, with plants built in 1940. At 70 years old, these dinosaurs rely on ancient, inefficient infrastructure. See Table 1 for a list of the nation's 50 oldest power plants in 2007.

### America's Power is Dirty

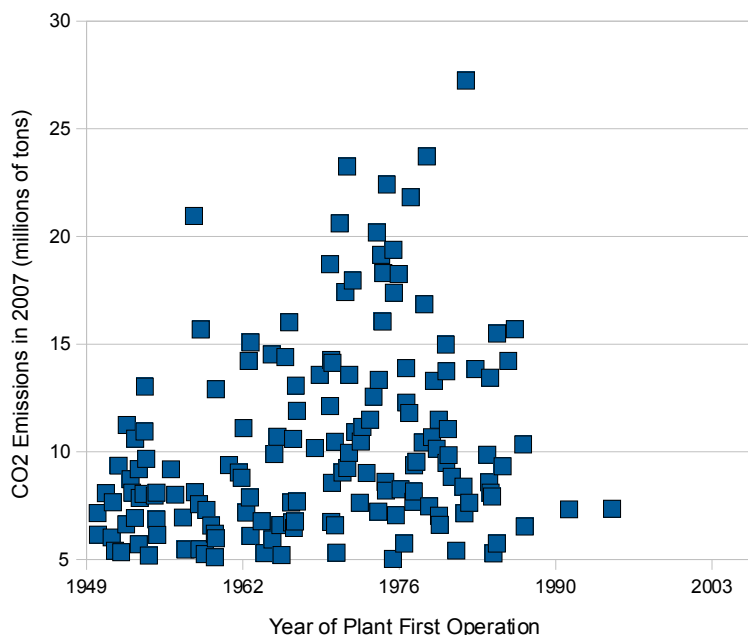
Currently, power plants do not have to meet any standard of pollution for carbon dioxide.

- In 2007, power plants released 2.56 billion tons of CO<sub>2</sub>, equivalent to the amount produced by 449 million of today's cars. This represents 42 percent of the total U.S. CO<sub>2</sub> emissions in 2007.<sup>37</sup> Coal-fired power plants are responsible for a disproportionate amount of global warming pollution: though they produced two-thirds of fossil fuel power in 2007, they emitted over 80 percent of the global warming pollution.
- Georgia, Alabama, and Indiana are home to the dirtiest power plants. Along with Texas, Michigan, and Arizona, these states are home to power plants that each emitted more than 20 million tons of carbon dioxide pollution – equivalent to the pollution from 3.5 million of today's cars – in 2007. Georgia and Texas both have two plants that belong to this elite dirty club. See Table 2 for a list of the nation's 50 dirtiest power plants in 2007.
- Texas, Ohio, Florida, Indiana, and Pennsylvania emit the most CO<sub>2</sub> pollution from power plants. Texas power plants emitted nearly twice the amount of CO<sub>2</sub> than power plants in Ohio and Florida in 2007, the next highest polluting states.

Table 2. Nation's 50 Dirtiest Power Plants in 2007

National Dirty Rank	State	Plant Name	CO <sub>2</sub> (tons) Emitted in 2007	Number of Cars Per Year Equivalent to Plant's CO <sub>2</sub> Emissions in 2007	Date Plant Began Operation
1	GA	Scherer	27,231,087	4,777,384	Mar, 1982
2	AL	James H Miller Jr	23,708,510	4,159,388	Oct, 1978
3	GA	Bowen	23,243,818	4,077,863	Oct, 1971
4	IN	Gibson	22,409,315	3,931,459	Apr, 1975
5	TX	Martin Lake	21,821,564	3,828,345	May, 1977
6	TX	W A Parish	20,949,613	3,675,371	Jun, 1958
7	MI	Monroe	20,607,472	3,615,346	Mar, 1971
8	AZ	Navajo Generating Station	20,178,992	3,540,174	May, 1974
9	MT	Colstrip	19,382,298	3,400,403	Nov, 1975
10	OH	Gen J M Gavin	19,141,670	3,358,188	Oct, 1974
11	MO	Labadie	18,714,405	3,283,229	May, 1970
12	TX	Monticello	18,300,186	3,210,559	Dec, 1974
13	MN	Sherburne County	18,254,456	3,202,536	May, 1976
14	TN	Cumberland	17,957,234	3,150,392	Apr, 1972
15	WV	John E Amos	17,418,609	3,055,896	Sep, 1971
16	PA	Bruce Mansfield	17,387,361	3,050,414	Dec, 1975
17	KS	Jeffrey Energy Center	16,845,936	2,955,427	Jul, 1978
18	WY	Jim Bridger	16,045,976	2,815,084	Nov, 1974
19	FL	Crystal River	16,016,868	2,809,977	Oct, 1966
20	UT	Intermountain	15,694,058	2,753,344	Jul, 1986
21	OH	W H Sammis	15,677,291	2,750,402	Jan, 1959
22	IN	Rockport	15,488,966	2,717,362	Dec, 1984
23	NM	Four Corners Steam Elec Station	15,084,774	2,646,452	May, 1963
24	WY	Laramie River	14,978,559	2,627,817	Jun, 1980
25	NC	Marshall	14,525,077	2,548,259	Mar, 1965
26	NC	Roxboro	14,399,402	2,526,211	May, 1966
27	OH	J M Stuart	14,268,967	2,503,327	Jun, 1970
28	TX	Limestone	14,223,953	2,495,430	Dec, 1985
29	KY	Paradise	14,218,230	2,494,426	Mar, 1963
30	IL	Baldwin Energy Complex	14,135,508	2,479,914	Jul, 1970
31	GA	Wansley (6052)	13,883,696	2,435,736	Dec, 1976
32	AR	Independence	13,839,850	2,428,044	Jan, 1983
33	LA	Big Cajun 2	13,736,733	2,409,953	Jul, 1980
34	PA	Homer City	13,576,987	2,381,928	Jun, 1969
35	WV	Harrison Power Station	13,570,101	2,380,720	Jan, 1972
36	SC	Cross	13,443,593	2,358,525	May, 1984
37	NC	Belews Creek	13,339,822	2,340,320	Aug, 1974
38	TX	Sam Seymour	13,297,420	2,332,881	Jun, 1979
39	IN	Petersburg	13,077,495	2,294,297	May, 1967
40	AL	Barry	13,024,927	2,285,075	Feb, 1954
41	AL	E C Gaston	12,903,601	2,263,790	May, 1960
42	KY	Ghent	12,561,781	2,203,821	Feb, 1974
43	IN	R M Schahfer Generating Station	12,289,294	2,156,016	Dec, 1976
44	PA	Conemaugh	12,124,919	2,127,179	May, 1970
45	PA	Keystone	11,898,614	2,087,476	Jun, 1967
46	TX	Welsh Power Plant	11,798,412	2,069,897	Mar, 1977
47	CO	Craig	11,492,044	2,016,148	Nov, 1979
48	NM	San Juan	11,491,631	2,016,076	Nov, 1973
49	AL	Widows Creek	11,247,466	1,973,240	Jul, 1952
50	KS	La Cygne	11,159,641	1,957,832	Mar, 1973

Figure 5. CO<sub>2</sub> Emissions in 2007 by Plant for Dirty Plants (emitted more than 5 million tons of CO<sub>2</sub>)



### The Oldest and Dirtiest Often Go Hand-in-hand:

- **The oldest power plants are dirty.** Plants built before 1980 produced 73 percent of the total global warming pollution from power plants in 2007. These represent just less than half of all plants, indicating that the older half of plants produce the lion's share of pollution. See Figure 4.
- **The dirtiest power plants are old.** Of plants that produced more than five million tons of CO<sub>2</sub> pollution in 2007, 83 percent were built before 1980. This subset of 129 plants, just 10 percent of all plants in operation—the oldest of the dirtiest—dominate both energy production and pollution, generating just less than half of our power plant electricity and producing half of the power plant CO<sub>2</sub> emissions in 2007. See Figure 5.
- **Older means dirtier on average.** For each year older a coal generator is on average, it created 0.001 more tons of CO<sub>2</sub> for each Megawatt-hour of electricity it produced in 2007. The relationship is slightly stronger for natural gas. See Figures 6 and 7.

Figure 6. Older Plants Pollute More per Unit of Energy: Coal Generators

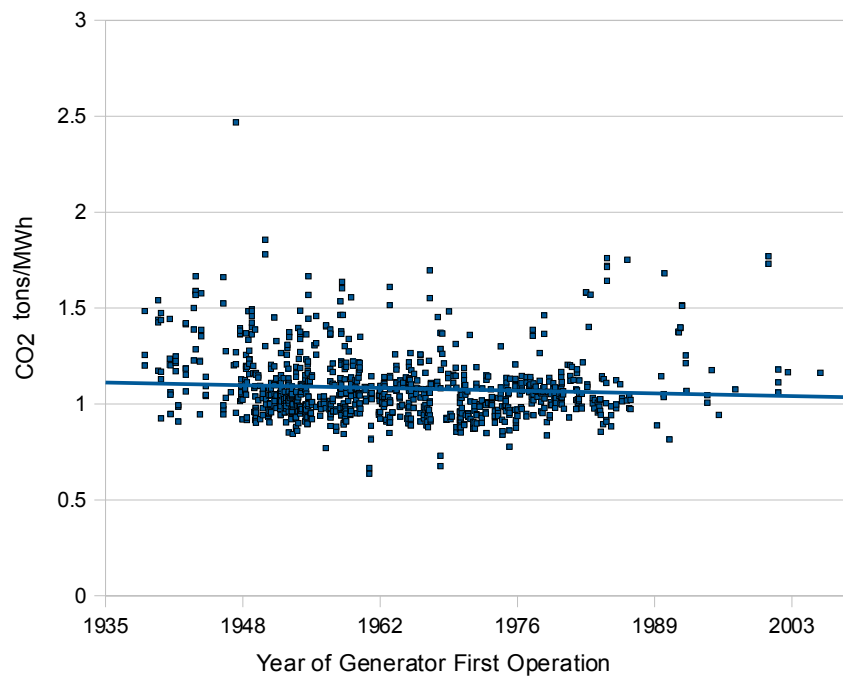
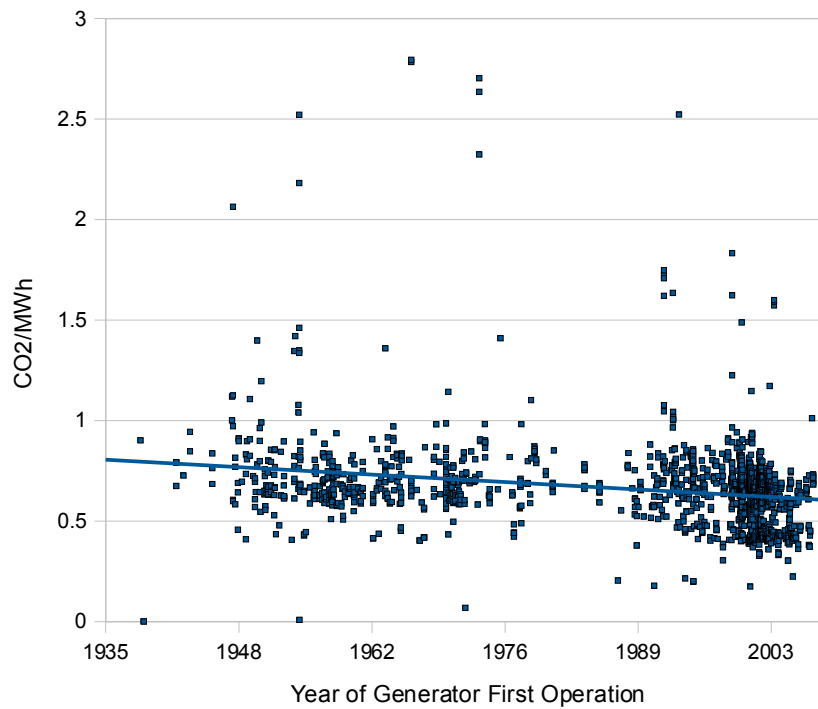


Figure 7. Older Plants Pollute More per Unit of Energy: Natural Gas Generators



# Power Plants Must Be Required to Clean Up

## **Cleaning up America's fleet of aging, inefficient power plants is critical to stopping global warming.**

The most recent report by the United Nations' Intergovernmental Panel on Climate Change released in 2007 indicates that in order to have a 50-50 percent chance of avoiding dangerous global warming, developed nations as a whole should reduce global warming emissions by 25-40 percent below 1990 levels by 2020 and by 80-95 percent below 1990 levels by 2050.<sup>38</sup> In 2007, the U.S. electricity sector released more CO<sub>2</sub> than any other sector of the American economy. We cannot achieve the real and sustained reductions in global warming pollution that science shows are urgently needed to stop the worst effects of global warming unless we begin now to reduce CO<sub>2</sub> pollution from power plants.

A recent report on "The Future of Coal" by the Massachusetts Institute of Technology makes clear that there is "no credible pathway toward GHG stabilization targets without emissions reductions from existing coal plants." Steady reductions in pollution from power plants are necessary to achieve the deep cuts in pollution the science already shows are necessary by 2030 and later.<sup>39</sup>

Our analysis shows that half of the CO<sub>2</sub> emitted by power plants in 2007 came from a small subset of the oldest of the dirtiest power plants, which also produced about half of our energy. These old polluting giants dominate our electricity sector and pollute without license, posing direct threats to our health and well-being. Requiring decades-old plants, even just the oldest of the dirtiest, to clean up or retire to cleaner energy, will significantly reduce our CO<sub>2</sub> pollution and make critical strides towards stopping global warming.

## Moving to clean energy means leaving old, inefficient, and dirty technology behind.

Our analysis shows that the majority of U.S. electricity in 2007 came from power plants at least three decades old, and that the older half of American plants produced the lion's share of pollution. America's power plants operate on outdated, inefficient, and polluting technology. For the same reasons we require cars, air conditioners, and light bulbs to meet technology standards, we must also set standards for power plants. If we are to transition smoothly to a clean energy economy and solve global warming, power plants – old and new alike – must not be permitted to keep running on inefficient, decades-old technology.

Moving to clean energy means leaving old, inefficient, and dirty technology behind. The U.S. Department of Energy projects that electricity demand will remain relatively flat over the next two decades, growing at an annual average rate of less than 1 percent<sup>40</sup> – and that's without factoring in the enormous efficiency gains that we can and should make. These projections make it clear that allowing polluting fossil fuels to maintain the monopoly over America's electricity will result in a much smaller market for renewables. Making the move to clean, renewable energy will cut pollution as well as jump-start our economy and create millions of clean energy jobs.

## Policy Recommendations

Clean energy holds the future of America—to make our nation more energy independent, create millions of

new jobs, and avoid the worst effects of global warming. In order to realize this clean energy future, it is critical that we enforce pollution standards for power plants and create incentives and standards for moving to clean energy.

**The Environmental Protection Agency should implement the Clean Air Act to finally require power plants to meet modern pollution standards for carbon.** The United States cannot achieve a clean energy economy or lead the world in stopping global warming while our most egregious polluters run rampant. The EPA should also finalize the recently proposed rule to require coal plants and other large smokestack industries to use available technology to cut their global warming pollution when new facilities are constructed or existing facilities are significantly modified.

**Congress should pass strong clean energy and global warming legislation.** To ensure that the United States reduces pollution from across the economy to the levels that science dictates are necessary to prevent the worst impacts of global warming, Congress should enact a federal cap on global warming pollution. The cap should be consistent with the goal of reducing U.S. emissions by 35 percent below 2005 levels by 2020 and by at least 80 percent below 2005 levels by 2050. Clean energy and global warming legislation should also include a federal renewable electricity standard to ensure that the United States receives at least 25 percent of its electricity from clean renewable sources of energy by 2025—reducing the need for continued dependence on polluting fossil fuels. These policies should be paired with standards for and investments in energy efficiency. In addition, Congress must ensure that legislation does not weaken the ability of the Clean Air Act to require power plants to clean up.



**Congress should eliminate subsidies that help keep our nation dependent on fossil fuels.** For decades, the coal industry has been given hand-outs for electricity production. A 2009 report by the Environmental Law Institute found that traditional fossil fuels received more than five times more federal subsidies—including direct spending and tax breaks—than traditional renewables received during 2002-2008.<sup>41</sup> Electricity production incentives should target energy sources that provide benefits to our environment and our economy.

# Methodology

The Environmental Protection Agency's Acid Rain Program tracks pollution and other data for more than 1,200 of the country's dirtiest power plants. The Acid Rain Program was created under Title IV of the 1990 Clean Air Act to reduce sulfur dioxide pollution from power plants. Electric utilities have reported their CO<sub>2</sub> emissions under the program since 1995. This report uses the database from the most recent year with finalized data, 2007, to examine CO<sub>2</sub> emissions for the nation's power plants.

For the purposes of this report, the age of a plant is defined to be the earliest commercial operation of that plant's oldest generator. Thus, if a plant had 4 generators operating in 2007, and they were built in 1955, 1965, 1975, and 1985, the "plant age" in 2007 would be 52 years. Since retired generators aren't included in the Acid Rain Program database, this measure will underestimate the length of time the plant has existed.

"Plant emissions" includes emissions from all operating generators at that plant as tracked by the Acid Rain Program. The "dirtiest plant" is determined by the total carbon dioxide emissions from all generators at that plant in 2007.

Plants that did not generate electricity in 2007 but were still in the Acid Rain Program database were not included in this analysis. For example, the oldest plant in the database for 2007 was built in Michigan in 1930. However, this plant recorded no electricity output and no emissions data for 2007, so for these purposes, it is not considered in this analysis of plants in operation in 2007.

This analysis excludes plants in Alaska and Hawaii because EPA's database does not cover them. Washington, DC is included. Four generators from two plants in Rhode Island were omitted from our analysis for lack of CO<sub>2</sub> emissions data in the EPA database for 2007.



# Notes

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Appendix A. Nation's 100 Oldest Power Plants in 2007

National Old Rank	State	Plant Name	Date Plant Began Operation	Electricity (MWh) Produced in 2007
1	IN	C. C. Perry K Steam Plant	Aug, 1938	72,303
2	WI	Blount Street	Dec, 1938	2,031,208
3	NY	Oswego Harbor Power	Jan, 1940	258,715
4	IA	Sixth Street	Apr, 1940	320,925
5	NC	Cliffside	Jul, 1940	4,335,757
6	IA	Dubuque	Jun, 1941	338,339
7	NC	Buck	Jul, 1941	1,847,081
8	MN	High Bridge	Jan, 1942	939,089
9	IN	Harding Street Station (EW Stout)	Apr, 1942	4,114,772
10	WI	Pulliam	Jan, 1943	2,519,081
11	AR	Harvey Couch	Sep, 1943	30,184
12	NY	AES Westover (Goudey)	Oct, 1943	495,603
13	OH	R E Burger	Jan, 1944	1,297,406
14	WV	Rivesville Power Station	Jan, 1944	270,579
15	VA	Glen Lyn	Jun, 1944	1,611,812
16	IN	Edwardsport	Jul, 1944	254,354
17	NY	Huntley Power	Jan, 1945	2,756,314
18	TX	Mountain Creek Generating Station	Dec, 1945	405,102
19	VA	Mirant Potomac River	Oct, 1946	1,600,625
20	MD	R. Paul Smith Power Station	Jan, 1947	697,566
21	IL	Havana	Jul, 1947	3,460,179
22	KY	Tyrone	Oct, 1947	428,764
23	IA	Lansing	Jan, 1948	1,723,743
24	MS	Rex Brown	Jan, 1948	181,945
25	PA	Mitchell Power Station	Jan, 1948	952,495
26	CA	AES Redondo Beach	Feb, 1948	532,063
27	TX	Handley Generating Station	Apr, 1948	298,077
28	IL	Meredosia	Jun, 1948	1,951,748
29	OH	O H Hutchings	Jul, 1948	691,412
30	CO	Zuni	Aug, 1948	68,439
31	MI	B C Cobb	Sep, 1948	2,338,616
32	NJ	Sewaren Generating Station	Nov, 1948	145,046
33	NY	Rochester 7 - Russell Station	Dec, 1948	1,315,233
34	KS	Riverton	Jan, 1949	671,689
35	MN	Riverside (1927)	Jan, 1949	2,343,971
36	WV	Willow Island Power Station	Jan, 1949	740,786
37	IN	IPL Eagle Valley Generating Station	Feb, 1949	1,576,882
38	AL	Gadsden	Apr, 1949	538,780
39	MI	Trenton Channel	May, 1949	3,388,101
40	WI	DTE Stoneman, LLC	May, 1949	66,430
41	MA	Kendall Square	Jun, 1949	1,867,412
42	MN	Hibbard Energy Center	Jul, 1949	223,945
43	AR	Cecil Lynch	Jul, 1949	38,547
44	PA	Sunbury	Aug, 1949	1,910,219
45	NC	W H Weatherspoon	Sep, 1949	1,017,849
46	IL	Wood River Power Station	Nov, 1949	3,041,419
47	OH	Avon Lake Power Plant	Dec, 1949	3,078,474
48	NC	Dan River	Dec, 1949	1,139,134
49	OH	Miami Fort Generating Station	Dec, 1949	7,399,485
50	NY	Dunkirk	Jan, 1950	3,645,934

National Old Rank	State	Plant Name	Date Plant Began Operation	Electricity (MWh) Produced in 2007
51	WV	Phil Sporn	Jan, 1950	6,572,030
52	AR	Lake Catherine	Mar, 1950	33,801
53	NY	AES Greenidge	Apr, 1950	760,243
54	OK	Mustang	May, 1950	1,037,489
55	KS	Hutchinson Energy Center	Jun, 1950	161,622
56	VA	Bremo Power Station	Jun, 1950	1,582,334
57	MI	Mistersky	Aug, 1950	134,060
58	GA	Yates	Sep, 1950	8,098,859
59	TX	Knox Lee Power Plant	Nov, 1950	391,658
60	NY	S A Carlson	Dec, 1950	177,602
61	NY	Dynegy Danskammer	Jan, 1951	2,702,823
62	IN	Tanners Creek	Mar, 1951	6,427,036
63	AL	Gorgas	Apr, 1951	7,846,560
64	TX	Laredo	May, 1951	858,552
65	NC	H F Lee Steam Electric Plant	May, 1951	2,703,506
66	MS	Sweatt Electric Generating Plant	May, 1951	27,689
67	PA	Titus	Jun, 1951	1,480,982
68	OH	Richard Gorsuch	Jul, 1951	1,488,696
69	WI	Edgewater (4050)	Jul, 1951	5,046,739
70	SC	W S Lee	Jul, 1951	1,669,868
71	MD	Riverside	Sep, 1951	26,669
72	NY	East River	Sep, 1951	3,039,506
73	UT	Gadsby	Sep, 1951	705,083
74	TN	Johnsonville	Oct, 1951	8,894,715
75	CO	Arapahoe	Nov, 1951	1,076,484
76	MA	Salem Harbor	Nov, 1951	2,037,242
77	NY	Glenwood	Jan, 1952	226,097
78	WI	Rock River	Jan, 1952	35,639
79	WV	Albright Power Station	Jan, 1952	1,481,481
80	IL	Waukegan	Jan, 1952	5,112,471
81	GA	McManus	Jan, 1952	16,843
82	TX	Plant X	May, 1952	1,424,136
83	KS	Murray Gill Energy Center	May, 1952	175,741
84	PA	Elrama	Jun, 1952	2,231,618
85	PA	New Castle	Jun, 1952	1,544,709
86	OH	Walter C Beckjord Generating Station	Jun, 1952	6,654,641
87	AZ	Kyrene Generating Station	Jul, 1952	859,572
88	MI	J R Whiting	Jul, 1952	2,576,510
89	WI	Bay Front	Jul, 1952	385,363
90	AL	Widows Creek	Jul, 1952	10,723,662
91	NH	Schiller	Oct, 1952	1,049,335
92	NC	Riverbend	Oct, 1952	2,406,854
93	VA	Chesterfield Power Station	Nov, 1952	9,494,715
94	MI	St. Clair	Jan, 1953	8,304,907
95	NY	Astoria Generating Station	Jan, 1953	2,266,494
96	NY	Far Rockaway	Jan, 1953	265,093
97	IL	Hutsonville	Feb, 1953	902,719
98	FL	Scholz Electric Generating Plant	Feb, 1953	440,027
99	MO	Meramec	Apr, 1953	6,309,911
100	KY	Shawnee	Apr, 1953	10,233,322

Appendix B. Oldest Power Plant in Each State in 2007

State	Plant Name	National Old Rank	Date Plant Began Operation	Electricity (MWh) Produced in 2007
AL	Gadsden	38	Apr, 1949	538,780
AR	Harvey Couch	11	Sep, 1943	30,184
AZ	Kyrene Generating Station	87	Jul, 1952	859,572
CA	AES Redondo Beach	26	Feb, 1948	532,063
CO	Zuni	30	Aug, 1948	68,439
CT	Montville	112	Jan, 1954	95,484
DC	Benning Generation Station	360	Jun, 1968	72,577
DE	Edge Moor	134	Dec, 1954	2,078,705
FL	Scholz Electric Generating Plant	98	Feb, 1953	440,027
GA	Yates	58	Sep, 1950	8,098,859
IA	Sixth Street	4	Apr, 1940	320,925
ID	Rathdrum Combustion Turbine Project	670	Jan, 1995	19,471
IL	Havana	21	Jul, 1947	3,460,179
IN	C. C. Perry K Steam Plant	1	Aug, 1938	72,303
KS	Riverton	34	Jan, 1949	671,689
KY	Tyrone	22	Oct, 1947	428,764
LA	Teche Power Station	160	May, 1956	1,038,111
MA	Kendall Square	41	Jun, 1949	1,867,412
MD	R. Paul Smith Power Station	20	Jan, 1947	697,566
ME	William F Wyman	168	Jan, 1957	406,954
MI	B C Cobb	31	Sep, 1948	2,338,616
MN	High Bridge	8	Jan, 1942	939,089
MO	Meramec	99	Apr, 1953	6,309,911
MS	Rex Brown	24	Jan, 1948	181,945
MT	Lewis & Clark	207	Sep, 1958	342,353
NC	Cliffside	5	Jul, 1940	4,335,757
ND	R M Heskett	291	Nov, 1963	541,941
NE	North Omaha Station	125	Jul, 1954	3,629,878
NH	Schiller	91	Oct, 1952	1,049,335
NJ	Sewaren Generating Station	32	Nov, 1948	145,046
NM	Rio Grande	170	Jan, 1957	702,165
NV	Sunrise	301	May, 1964	72,873
NY	Oswego Harbor Power	3	Jan, 1940	258,715
OH	R E Burger	13	Jan, 1944	1,297,406
OK	Mustang	54	May, 1950	1,037,489
OR	Boardman	525	Apr, 1980	4,618,225
PA	Mitchell Power Station	25	Jan, 1948	952,495
RI	Pawtucket Power Associates, LP	603	Feb, 1991	36,033
SC	W S Lee	70	Jul, 1951	1,669,868
SD	Big Stone	474	May, 1975	2,605,306
TN	Johnsonville	74	Oct, 1951	8,894,715
TX	Mountain Creek Generating Station	18	Dec, 1945	405,102
UT	Gadsby	73	Sep, 1951	705,083
VA	Glen Lyn	15	Jun, 1944	1,611,812
VT	J C McNeil	565	Jun, 1984	316,808
WA	Centralia	443	Dec, 1972	9,312,408
WI	Blount Street	2	Dec, 1938	2,031,208
WV	Rivesville Power Station	14	Jan, 1944	270,579
WY	Dave Johnston	214	Nov, 1958	6,207,237

Appendix C. Nation's 100 Dirtiest Power Plants in 2007

National Dirty Rank	State	Plant Name	CO <sub>2</sub> (tons) Emitted in 2007	Number of Cars Per Year Equivalent to Plant's CO <sub>2</sub> Emissions in 2007	Date Plant Began Operation
1	GA	Scherer	27,231,087	4,777,384	Mar, 1982
2	AL	James H Miller Jr	23,708,510	4,159,388	Oct, 1978
3	GA	Bowen	23,243,818	4,077,863	Oct, 1971
4	IN	Gibson	22,409,315	3,931,459	Apr, 1975
5	TX	Martin Lake	21,821,564	3,828,345	May, 1977
6	TX	W A Parish	20,949,613	3,675,371	Jun, 1958
7	MI	Monroe	20,607,472	3,615,346	Mar, 1971
8	AZ	Navajo Generating Station	20,178,992	3,540,174	May, 1974
9	MT	Colstrip	19,382,298	3,400,403	Nov, 1975
10	OH	Gen J M Gavin	19,141,670	3,358,188	Oct, 1974
11	MO	Labadie	18,714,405	3,283,229	May, 1970
12	TX	Monticello	18,300,186	3,210,559	Dec, 1974
13	MN	Sherburne County	18,254,456	3,202,536	May, 1976
14	TN	Cumberland	17,957,234	3,150,392	Apr, 1972
15	WV	John E Amos	17,418,609	3,055,896	Sep, 1971
16	PA	Bruce Mansfield	17,387,361	3,050,414	Dec, 1975
17	KS	Jeffrey Energy Center	16,845,936	2,955,427	Jul, 1978
18	WY	Jim Bridger	16,045,976	2,815,084	Nov, 1974
19	FL	Crystal River	16,016,868	2,809,977	Oct, 1966
20	UT	Intermountain	15,694,058	2,753,344	Jul, 1986
21	OH	W H Sammis	15,677,291	2,750,402	Jan, 1959
22	IN	Rockport	15,488,966	2,717,362	Dec, 1984
23	NM	Four Corners Steam Elec Station	15,084,774	2,646,452	May, 1963
24	WY	Laramie River	14,978,559	2,627,817	Jun, 1980
25	NC	Marshall	14,525,077	2,548,259	Mar, 1965
26	NC	Roxboro	14,399,402	2,526,211	May, 1966
27	OH	J M Stuart	14,268,967	2,503,327	Jun, 1970
28	TX	Limestone	14,223,953	2,495,430	Dec, 1985
29	KY	Paradise	14,218,230	2,494,426	Mar, 1963
30	IL	Baldwin Energy Complex	14,135,508	2,479,914	Jul, 1970
31	GA	Wansley (6052)	13,883,696	2,435,736	Dec, 1976
32	AR	Independence	13,839,850	2,428,044	Jan, 1983
33	LA	Big Cajun 2	13,736,733	2,409,953	Jul, 1980
34	PA	Homer City	13,576,987	2,381,928	Jun, 1969
35	WV	Harrison Power Station	13,570,101	2,380,720	Jan, 1972
36	SC	Cross	13,443,593	2,358,525	May, 1984
37	NC	Belews Creek	13,339,822	2,340,320	Aug, 1974
38	TX	Sam Seymour	13,297,420	2,332,881	Jun, 1979
39	IN	Petersburg	13,077,495	2,294,297	May, 1967
40	AL	Barry	13,024,927	2,285,075	Feb, 1954
41	AL	E C Gaston	12,903,601	2,263,790	May, 1960
42	KY	Ghent	12,561,781	2,203,821	Feb, 1974
43	IN	R M Schahfer Generating Station	12,289,294	2,156,016	Dec, 1976
44	PA	Conemaugh	12,124,919	2,127,179	May, 1970
45	PA	Keystone	11,898,614	2,087,476	Jun, 1967
46	TX	Welsh Power Plant	11,798,412	2,069,897	Mar, 1977
47	CO	Craig	11,492,044	2,016,148	Nov, 1979
48	NM	San Juan	11,491,631	2,016,076	Nov, 1973
49	AL	Widows Creek	11,247,466	1,973,240	Jul, 1952
50	KS	La Cygne	11,159,641	1,957,832	Mar, 1973

Appendix C. Nation's 100 Dirtiest Power Plants in 2007 (continued)

National Dirty Rank	State	Plant Name	CO <sub>2</sub> (tons) Emitted in 2007	Number of Cars Per Year Equivalent to Plant's CO <sub>2</sub> Emissions in 2007	Date Plant Began Operation
51	OH	Conesville	11,104,478	1,948,154	Oct, 1962
52	AR	White Bluff	11,053,731	1,939,251	Aug, 1980
53	TN	Kingston	10,945,350	1,920,237	Jan, 1954
54	KY	Mill Creek	10,918,631	1,915,549	Jul, 1972
55	WV	Mount Storm Power Station	10,700,711	1,877,318	Sep, 1965
56	NE	Gerald Gentleman Station	10,684,738	1,874,515	Apr, 1979
57	KY	Shawnee	10,608,452	1,861,132	Apr, 1953
58	OH	Cardinal	10,598,682	1,859,418	Feb, 1967
59	WA	Centralia	10,472,231	1,837,233	Dec, 1972
60	FL	Big Bend	10,469,398	1,836,736	Oct, 1970
61	UT	Hunter	10,431,321	1,830,056	Jun, 1978
62	FL	St. Johns River Power	10,344,332	1,814,795	Mar, 1987
63	PA	Hatfields Ferry Power Station	10,173,499	1,784,824	Jan, 1969
64	ND	Coal Creek	10,141,763	1,779,257	Aug, 1979
65	TX	Big Brown	9,956,682	1,746,786	Dec, 1971
66	GA	Harlee Branch	9,896,014	1,736,143	Jun, 1965
67	FL	Seminole (136)	9,863,224	1,730,390	Jan, 1984
68	WV	Mountaineer (1301)	9,846,831	1,727,514	Sep, 1980
69	IA	Walter Scott Jr. Energy Center	9,676,698	1,697,666	Mar, 1954
70	IL	Newton	9,544,417	1,674,459	Nov, 1977
71	WI	Pleasant Prairie	9,487,843	1,664,534	Jul, 1980
72	PA	Brunner Island	9,380,958	1,645,782	Jun, 1961
73	MS	Daniel Electric Generating Plant	9,375,199	1,644,772	Sep, 1977
74	TN	Johnsonville	9,356,114	1,641,424	Oct, 1951
75	AZ	Springerville Generating Station	9,330,886	1,636,997	Jun, 1985
76	PA	Montour	9,252,615	1,623,266	Nov, 1971
77	IL	Joppa Steam	9,196,492	1,613,420	Aug, 1953
78	OK	Muskogee	9,191,321	1,612,512	May, 1956
79	AZ	Cholla	9,041,223	1,586,180	May, 1962
80	WV	Mitchell (WV)	9,033,512	1,584,827	May, 1971
81	IL	Powerton	9,015,927	1,581,742	Jul, 1973
82	FL	Martin	8,843,967	1,551,573	Dec, 1980
83	MI	J H Campbell	8,796,026	1,543,163	Aug, 1962
84	VA	Chesterfield Power Station	8,728,350	1,531,289	Nov, 1952
85	SC	Winyah	8,608,578	1,510,277	Mar, 1975
86	MI	Belle River	8,580,419	1,505,337	Apr, 1984
87	OK	Northeastern	8,562,036	1,502,112	Jun, 1970
88	OK	Grand River Dam Authority	8,381,481	1,470,435	Jan, 1982
89	TX	Harrington Station	8,265,848	1,450,149	Jul, 1976
90	WI	Columbia	8,198,904	1,438,404	Mar, 1975
91	KY	H L Spurlock	8,156,403	1,430,948	Sep, 1977
92	MN	Boswell Energy Center	8,129,199	1,426,175	Jul, 1958
93	MD	Brandon Shores	8,105,262	1,421,976	May, 1984
94	MI	St. Clair	8,102,594	1,421,508	Jan, 1953
95	IN	Clifty Creek	8,099,448	1,420,956	Feb, 1955
96	GA	Yates	8,077,423	1,417,092	Sep, 1950
97	OH	Muskingum River	8,050,570	1,412,381	Dec, 1953
98	TN	Gallatin	8,007,616	1,404,845	Oct, 1956
99	AL	Colbert	7,962,886	1,396,998	Dec, 1954
100	ND	Antelope Valley	7,923,701	1,390,123	Jul, 1984

Appendix D. Dirtiest Power Plant in Each State in 2007

State	Plant Name	National Dirty Rank	CO <sub>2</sub> (tons) Emitted in 2007	Number of Cars Per Year Equivalent to Plant's CO <sub>2</sub> Emissions in 2007	Date Plant Began Operation
AL	James H Miller Jr	2	23,708,510	4,159,388	Oct, 1978
AR	Independence	32	13,839,850	2,428,044	Jan, 1983
AZ	Navajo Generating Station	8	20,178,992	3,540,174	May, 1974
CA	Moss Landing	229	3,429,064	601,590	Oct, 1967
CO	Craig	47	11,492,044	2,016,148	Nov, 1979
CT	Bridgeport Harbor Station	270	2,710,815	475,582	Nov, 1957
DC	Benning Generation Station	998	35,209	6,177	Jun, 1968
DE	Indian River	185	4,173,376	732,171	Jun, 1957
FL	Crystal River	19	16,016,868	2,809,977	Oct, 1966
GA	Scherer	1	27,231,087	4,777,384	Mar, 1982
IA	Walter Scott Jr. Energy Center	69	9,676,698	1,697,666	Mar, 1954
ID	Rathdrum Power, LLC	603	529,599	92,912	Jul, 2001
IL	Baldwin Energy Complex	30	14,135,508	2,479,914	Jul, 1970
IN	Gibson	4	22,409,315	3,931,459	Apr, 1975
KS	Jeffrey Energy Center	17	16,845,936	2,955,427	Jul, 1978
KY	Paradise	29	14,218,230	2,494,426	Mar, 1963
LA	Big Cajun 2	33	13,736,733	2,409,953	Jul, 1980
MA	Brayton Point	101	7,879,629	1,382,391	Apr, 1963
MD	Brandon Shores	93	8,105,262	1,421,976	May, 1984
ME	Westbrook Energy Center	483	991,719	173,986	Feb, 2001
MI	Monroe	7	20,607,472	3,615,346	Mar, 1971
MN	Sherburne County	13	18,254,456	3,202,536	May, 1976
MO	Labadie	11	18,714,405	3,283,229	May, 1970
MS	Daniel Electric Generating Plant	73	9,375,199	1,644,772	Sep, 1977
MT	Colstrip	9	19,382,298	3,400,403	Nov, 1975
NC	Marshall	25	14,525,077	2,548,259	Mar, 1965
ND	Coal Creek	64	10,141,763	1,779,257	Aug, 1979
NE	Gerald Gentleman Station	56	10,684,738	1,874,515	Apr, 1979
NH	Merrimack	213	3,726,216	653,722	Dec, 1960
NJ	Mercer Generating Station	238	3,282,313	575,844	Dec, 1960
NM	Four Corners Steam Elec Station	23	15,084,774	2,646,452	May, 1963
NV	Reid Gardner	163	4,718,754	827,852	Apr, 1965
NY	AES Somerset (Kintigh )	151	5,289,504	927,983	Aug, 1984
OH	Gen J M Gavin	10	19,141,670	3,358,188	Oct, 1974
OK	Muskogee	78	9,191,321	1,612,512	May, 1956
OR	Boardman	161	4,813,294	844,438	Apr, 1980
PA	Bruce Mansfield	16	17,387,361	3,050,414	Dec, 1975
RI	Rhode Island State Energy Partners	448	1,187,053	208,255	Jul, 2002
SC	Cross	36	13,443,593	2,358,525	May, 1984
SD	Big Stone	252	2,947,753	517,150	May, 1975
TN	Cumberland	14	17,957,234	3,150,392	Apr, 1972
TX	Martin Lake	5	21,821,564	3,828,345	May, 1977
UT	Intermountain	20	15,694,058	2,753,344	Jul, 1986
VA	Chesterfield Power Station	84	8,728,350	1,531,289	Nov, 1952
VT	J C McNeil	629	470,815	82,599	Jun, 1984
WA	Centralia	59	10,472,231	1,837,233	Dec, 1972
WI	Pleasant Prairie	71	9,487,843	1,664,534	Jul, 1980
WV	John E Amos	15	17,418,609	3,055,896	Sep, 1971
WY	Jim Bridger	18	16,045,976	2,815,084	Nov, 1974



Appendix E. States Ranked by Total CO<sub>2</sub> Emitted From Power Plants in 2007

National Rank	State	CO <sub>2</sub> (tons) Emitted by All Plants in 2007	Number of Cars Per Year Equivalent to State's Power Plant CO <sub>2</sub> Emissions in 2007
1	TX	259,316,148	45,494,061
2	OH	138,746,713	24,341,529
3	FL	134,421,884	23,582,787
4	IN	132,366,579	23,222,207
5	PA	123,583,904	21,681,387
6	IL	109,133,960	19,146,309
7	KY	101,784,836	17,856,989
8	GA	100,758,584	17,676,945
9	AL	94,803,587	16,632,208
10	WV	90,852,440	15,939,025
11	MO	80,547,112	14,131,072
12	MI	78,857,483	13,834,646
13	NC	77,693,441	13,630,428
14	AZ	66,351,591	11,640,630
15	TN	63,711,756	11,177,501
16	OK	51,635,313	9,058,827
17	WY	49,966,375	8,766,031
18	WI	49,718,002	8,722,456
19	NY	49,575,411	8,697,441
20	LA	47,548,400	8,341,824
21	CO	47,340,646	8,305,377
22	SC	46,472,992	8,153,157
23	IA	43,925,814	7,706,283
24	KS	43,010,571	7,545,714
25	CA	42,451,036	7,447,550
26	UT	42,177,274	7,399,522
27	MN	39,928,099	7,004,930
28	VA	37,999,633	6,666,602
29	ND	34,679,303	6,084,088
30	AR	32,700,106	5,736,861
31	NM	32,281,960	5,663,502
32	MS	30,876,990	5,417,016
33	MD	30,063,514	5,274,301
34	MA	25,044,476	4,393,768
35	NE	23,461,853	4,116,115
36	MT	22,419,752	3,933,290
37	NV	17,049,816	2,991,196
38	NJ	14,697,856	2,578,571
39	WA	12,766,455	2,239,729
40	OR	10,728,865	1,882,257
41	CT	8,168,879	1,433,137
42	NH	7,845,513	1,376,406
43	DE	6,786,731	1,190,655
44	ME	3,533,199	619,860
45	SD	3,241,000	568,597
46	RI	2,417,212	424,072
47	ID	685,225	120,215
48	VT	470,815	82,599
49	DC	35,209	6,177

Appendix F. All Power Plants in Data Set

State	Plant Name	Date Plant Began Operation	National Old Rank	CO <sub>2</sub> (tons) Emitted in 2007	Number of Cars Per Year Equivalent to Plant's CO <sub>2</sub> Emissions in 2007	National Dirty Rank	Electricity (MWh) Produced in 2007	Fuel
AL	AMEA Sylacauga Plant	Apr, 2004	1,109	14,771	2,591	1,076	26,222	Natural Gas
AL	Barry	Feb, 1954	117	13,024,927	2,285,075	40	16,016,141	Coal
AL	Calhoun Power Company I, LLC	Jan, 2003	1,041	298,185	52,313	711	458,758	Natural Gas
AL	Charles R Lowman	Mar, 1969	367	4,376,875	767,873	176	3,911,642	Coal
AL	Colbert	Dec, 1954	138	7,962,886	1,396,998	99	8,146,456	Coal
AL	Decatur Energy Center	Mar, 2002	947	1,212,350	212,693	439	2,033,443	Natural Gas
AL	E B Harris Generating Plant	Jan, 2003	1,038	1,415,320	248,302	401	3,483,812	Natural Gas
AL	E C Gaston	May, 1960	242	12,903,601	2,263,790	41	12,873,511	Coal
AL	Gadsden	Apr, 1949	38	764,053	134,044	543	538,780	Coal
AL	Gorgas	Apr, 1951	63	7,661,432	1,344,111	105	7,846,560	Coal
AL	Greene County	Jun, 1965	321	4,493,535	788,339	168	4,241,229	Coal
AL	Hog Bayou Energy Center	Mar, 2001	821	41,230	7,233	974	99,679	Natural Gas
AL	James H Miller Jr	Oct, 1978	510	23,708,510	4,159,388	2	22,951,465	Coal
AL	McIntosh (7063)	Jun, 1991	610	13,815	2,424	1,081	26,319	Natural Gas
AL	McWilliams	Aug, 1996	699	461,992	81,051	631	719,741	Natural Gas
AL	Morgan Energy Center	Apr, 2003	1,065	1,385,693	243,104	406	3,300,573	Natural Gas
AL	Plant H. Allen Franklin	Dec, 2001	928	1,565,035	274,568	373	3,700,968	Natural Gas
AL	SABIC Innovative Plastics - Burkville	May, 1999	729	348,547	61,149	687	859,322	Natural Gas
AL	Tenaska Central Alabama Gen Station	Dec, 2002	1,025	297,532	52,199	712	694,789	Natural Gas
AL	Tenaska Lindsay Hill	Jan, 2002	934	392,980	68,944	661	940,012	Natural Gas
AL	Theodore Cogeneration	Oct, 2000	806	664,780	116,628	566	1,638,203	Natural Gas
AL	Washington County Cogen (Olin)	Feb, 1999	725	548,072	96,153	596	1,346,449	Natural Gas
AL	Widows Creek	Jul, 1952	90	11,247,466	1,973,240	49	10,723,662	Coal
AR	Carl Bailey	Mar, 1966	328	6,777	1,189	1,135	8,424	Natural Gas
AR	Cecil Lynch	Jul, 1949	43	31,872	5,592	1,010	38,547	Natural Gas
AR	Dell Power Plant	Apr, 2007	1,167	67,596	11,859	910	164,513	Natural Gas
AR	Flint Creek Power Plant	Jan, 1978	502	3,927,688	689,068	196	3,789,002	Coal
AR	Fulton	Apr, 2001	840	6,995	1,227	1,133	40,178	Natural Gas
AR	Harry D. Mattison Power Plant	Jun, 1999	731	60,960	10,695	928	72,283	Natural Gas
AR	Harvey Couch	Sep, 1943	11	25,944	4,552	1,025	30,184	Natural Gas
AR	Hot Spring Energy Facility	Mar, 2002	948	467,244	81,973	630	1,051,853	Natural Gas
AR	Hot Spring Power Co., LLC	May, 2005	1,133	717,843	125,937	552	1,225,356	Natural Gas
AR	Independence	Jan, 1983	553	13,839,850	2,428,044	32	12,639,771	Coal
AR	Lake Catherine	Mar, 1950	52	24,493	4,297	1,029	33,801	Natural Gas
AR	McClellan	Apr, 1970	392	128,956	22,624	827	112,817	Natural Gas
AR	Oswald Generating Station	Mar, 2002	943	152,052	26,676	797	404,115	Natural Gas
AR	Pine Bluff Energy Center	Aug, 2001	904	484,773	85,048	624	1,182,947	Natural Gas
AR	Robert E Ritchie	Apr, 1961	257	80	14	1,175	0	Natural Gas
AR	Thomas Fitzhugh	Dec, 2002	1,032	65,105	11,422	919	114,645	Natural Gas
AR	Union Power Station	Sep, 2002	1,014	1,638,148	287,394	361	3,301,595	Natural Gas
AR	White Bluff	Aug, 1980	532	11,053,731	1,939,251	52	10,430,700	Coal
AZ	Agua Fria Generating Station	Apr, 1957	171	131,172	23,013	822	213,021	Natural Gas
AZ	Apache Station	Sep, 1964	305	3,713,481	651,488	214	3,412,678	Coal
AZ	APS Saguaro Power Plant	Jun, 1954	120	85,925	15,075	888	120,980	Natural Gas
AZ	APS West Phoenix Power Plant	Apr, 2001	838	775,029	135,970	540	1,594,528	Natural Gas
AZ	Arlington Valley Energy Facility	Mar, 2002	942	656,747	115,219	569	1,612,288	Natural Gas
AZ	Cholla	May, 1962	266	9,041,223	1,586,180	79	8,740,710	Coal
AZ	Coronado Generating Station	Dec, 1979	524	6,610,737	1,159,778	128	6,488,089	Coal
AZ	De Moss Petrie Generating Station	Apr, 2001	844	15,384	2,699	1,074	19,975	Natural Gas
AZ	Desert Basin Generating Station	Sep, 2001	907	813,835	142,778	525	1,698,129	Natural Gas
AZ	Gila River Power Station	Jan, 2003	1,039	3,172,449	556,570	244	7,837,992	Natural Gas
AZ	Griffith Energy Project	Mar, 2001	822	848,203	148,808	516	2,043,468	Natural Gas
AZ	Irvington Generating Station	May, 1958	192	1,067,132	187,216	470	1,140,018	Natural Gas
AZ	Kyrene Generating Station	Jul, 1952	87	373,066	65,450	672	859,572	Natural Gas
AZ	Mesquite Generating Station	Feb, 2003	1,044	3,383,772	593,644	232	8,230,565	Natural Gas
AZ	Navajo Generating Station	May, 1974	459	20,178,992	3,540,174	8	19,128,129	Coal

State	Plant Name	Date Plant Began Operation	National Old Rank	CO <sub>2</sub> (tons) Emitted in 2007	Number of Cars Per Year Equivalent to Plant's CO <sub>2</sub> Emissions in 2007	National Dirty Rank	Electricity (MWh) Produced in 2007	Fuel
AZ	New Harquahala Generating Company, LLC	May, 2003	1,074	1,268,729	222,584	431	1,986,323	Natural Gas
AZ	Ocotillo Power Plant	Feb, 1960	238	121,481	21,312	835	182,732	Natural Gas
AZ	Redhawk Generating Facility	Apr, 2002	960	1,848,331	324,269	336	2,744,493	Natural Gas
AZ	Santan	Nov, 2004	1,119	1,683,518	295,354	353	3,837,592	Natural Gas
AZ	South Point Energy Center, LLC	Mar, 2001	817	920,081	161,418	497	2,226,269	Natural Gas
AZ	Springerville Generating Station	Jun, 1985	574	9,330,886	1,636,997	75	9,953,808	Coal
AZ	Sundance Power Plant	May, 2002	973	90,276	15,838	882	144,427	Natural Gas
AZ	Yuma Axis	Mar, 1959	221	221,143	38,797	749	324,401	Natural Gas
CA	AES Alamos	Jul, 1956	162	994,779	174,523	482	1,538,175	Natural Gas
CA	AES Huntington Beach	May, 1958	193	905,557	158,870	503	1,325,262	Natural Gas
CA	AES Redondo Beach	Feb, 1948	26	343,210	60,212	689	532,063	Natural Gas
CA	Agua Mansa Power	Jun, 2003	1,080	29,636	5,199	1,014	51,356	Natural Gas
CA	Almond Power Plant	Apr, 1996	694	53,003	9,299	943	90,897	Natural Gas
CA	Anaheim Combustion Turbine	May, 1991	606	29,390	5,156	1,015	50,613	Natural Gas
CA	Blythe Energy	Feb, 2003	1,048	543,529	95,356	599	885,749	Natural Gas
CA	Broadway	Jan, 1965	307	9,391	1,648	1,109	13,467	Natural Gas
CA	Cabrillo Power I Encina Power Station	Nov, 1954	132	1,618,096	283,876	366	774,737	Natural Gas
CA	CalPeak Power - Border LLC	Oct, 2001	915	23,255	4,080	1,035	37,417	Natural Gas
CA	CalPeak Power - El Cajon LLC	Dec, 2001	922	19,764	3,467	1,055	31,255	Natural Gas
CA	CalPeak Power - Enterprise LLC	Oct, 2001	914	16,142	2,832	1,066	25,802	Natural Gas
CA	CalPeak Power - Panoche LLC	Nov, 2001	919	7,444	1,306	1,128	12,049	Natural Gas
CA	CalPeak Power - Vaca Dixon LLC	Dec, 2001	925	7,719	1,354	1,124	12,281	Natural Gas
CA	Calpine Gilroy Cogen, LP	Sep, 1987	585	136,416	23,933	814	668,334	Natural Gas
CA	Calpine Sutter Energy Center	Apr, 2001	829	1,119,265	196,362	461	2,895,911	Natural Gas
CA	Carson Cogeneration	Oct, 1995	686	240,734	42,234	740	397,525	Natural Gas
CA	Carson Cogeneration Company	Nov, 2003	1,096	207,299	36,368	758	420,315	Natural Gas
CA	Chula Vista Power Plant	May, 2001	855	1,627	285	1,155	1,789	Natural Gas
CA	Contra Costa Power Plant	Jan, 1964	293	90,721	15,916	881	148,070	Natural Gas
CA	Coolwater Generating Station	Apr, 1961	258	421,624	73,969	653	706,474	Natural Gas
CA	Cosumnes Power Plant	Jan, 2006	1,153	1,480,952	259,816	390	2,526,963	Natural Gas
CA	Creed Energy Center	Dec, 2002	1,027	7,979	1,400	1,122	13,584	Natural Gas
CA	Delta Energy Center, LLC	Dec, 2001	923	2,205,555	386,939	299	5,422,872	Natural Gas
CA	Donald Von Raesfeld	Mar, 2005	1,127	268,882	47,172	730	586,162	Natural Gas
CA	Dynegy South Bay, LLC	Jul, 1960	250	509,294	89,350	613	798,461	Natural Gas
CA	El Centro	Nov, 1957	183	269,356	47,255	729	367,489	Natural Gas
CA	El Segundo	Jul, 1964	303	360,581	63,260	677	568,544	Other Gas
CA	Elk Hills Power	Mar, 2003	1,052	1,505,361	264,098	388	3,644,231	Natural Gas
CA	Escondido Power Plant	May, 2001	856	2,474	434	1,150	2,983	Natural Gas
CA	Etiwanda Generating Station	May, 1963	282	444,830	78,040	642	653,274	Natural Gas
CA	Feather River Energy Center	Dec, 2002	1,029	15,978	2,803	1,067	26,870	Natural Gas
CA	Fresno Cogeneration Partners, LP	Jan, 2005	1,121	31,505	5,527	1,012	55,054	Natural Gas
CA	Gilroy Energy Center, LLC	Nov, 2001	921	50,910	8,932	952	94,208	Natural Gas
CA	Gilroy Energy Center, LLC for King City	Sep, 2001	910	11,615	2,038	1,101	19,623	Natural Gas
CA	Glenarm	Jun, 2003	1,075	24,331	4,269	1,030	37,176	Natural Gas
CA	Goose Haven Energy Center	Dec, 2002	1,026	9,204	1,615	1,112	15,408	Natural Gas
CA	Grayson Power Plant	Nov, 1954	129	139,125	24,408	808	131,842	Natural Gas
CA	Hanford Energy Park Peaker	Sep, 2001	905	23,232	4,076	1,037	36,936	Natural Gas
CA	Harbor Generating Station	Oct, 1994	667	140,435	24,638	805	245,238	Natural Gas
CA	Haynes Generating Station	Jul, 1962	271	2,019,802	354,351	319	4,146,443	Natural Gas
CA	Henrietta Peaker Plant	Jul, 2002	999	13,330	2,339	1,087	21,805	Natural Gas
CA	High Desert Power Project	Feb, 2003	1,049	1,921,877	337,171	328	2,901,772	Natural Gas
CA	Humboldt Bay	Aug, 1956	164	365,324	64,092	674	486,169	Natural Gas
CA	Indigo Generation Facility	Jul, 2001	891	52,992	9,297	944	83,218	Natural Gas
CA	Kings River Conservation District Malaga	Jun, 2005	1,138	76,029	13,338	899	131,522	Natural Gas
CA	La Paloma Generating Plant	Mar, 2002	944	2,812,443	493,411	263	6,370,279	Natural Gas
CA	Lake	Jun, 2002	996	4,992	876	1,141	8,117	Natural Gas
CA	Lambie Energy Center	Dec, 2002	1,024	9,083	1,594	1,113	15,468	Natural Gas

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CA	Larkspur Energy Facility	Jul, 2001	882	31,839	5,586	1,011	49,233	Natural Gas
CA	Los Esteros Critical Energy Fac	Dec, 2002	1,031	40,168	7,047	975	68,373	Natural Gas
CA	Los Medanos Energy Center, LLC	May, 2001	851	1,546,010	271,230	378	3,895,703	Natural Gas
CA	Magnolia	Sep, 2005	1,147	328,971	57,714	694	1,471,493	Natural Gas
CA	Malburg Generating Station	Jul, 2005	1,144	341,470	59,907	690	734,527	Natural Gas
CA	Mandalay Generating Station	Apr, 1959	223	275,927	48,408	724	477,392	Natural Gas
CA	Metcalf Energy Center	May, 2005	1,137	1,337,585	234,664	413	2,884,799	Natural Gas
CA	Miramar Energy Facility	May, 2005	1,136	4,281	751	1,145	7,957	Natural Gas
CA	Morro Bay Power Plant, LLC	Jan, 1970	376	305,629	53,619	707	539,554	Natural Gas
CA	Moss Landing	Oct, 1967	352	3,429,064	601,590	229	7,834,342	Natural Gas
CA	Mountainview Power Company, LLC	Aug, 2005	1,145	2,705,366	474,626	272	6,646,028	Natural Gas
CA	NCPA Combustion Turbine Project #2	Apr, 1996	693	39,329	6,900	983	75,922	Natural Gas
CA	Olive	Jan, 1958	185	1,664	292	1,154	2,112	Natural Gas
CA	Ormond Beach Generating Station	Dec, 1971	429	619,648	108,710	578	1,046,372	Natural Gas
CA	Palomar Energy Center	Oct, 2005	1,150	1,403,805	246,282	402	3,421,861	Natural Gas
CA	Pastoria Energy Facility	Feb, 2005	1,123	2,071,866	363,485	314	4,976,996	Natural Gas
CA	Pittsburg Power Plant (CA)	Aug, 1960	251	136,556	23,957	813	202,822	Natural Gas
CA	Potrero Power Plant	Jan, 1970	377	315,982	55,435	701	492,789	Natural Gas
CA	Redding Power Plant	Jun, 2002	981	96,630	16,953	867	131,615	Natural Gas
CA	Ripon Generation Station	Jun, 2006	1,162	20,981	3,681	1,051	33,028	Natural Gas
CA	Riverside Energy Resource Center	Mar, 2006	1,155	23,584	4,138	1,032	38,659	Natural Gas
CA	Riverview Energy Center	Apr, 2003	1,071	16,397	2,877	1,065	27,579	Natural Gas
CA	Roseville Energy Park	Jun, 2007	1,173	70,844	12,429	905	157,556	Natural Gas
CA	Sacramento Power Authority Cogen	Aug, 1997	711	524,239	91,972	607	1,261,775	Natural Gas
CA	SCA Cogen II	Apr, 1997	707	380,907	66,826	669	673,023	Natural Gas
CA	Scattergood Generating Station	Dec, 1958	216	1,006,825	176,636	479	1,513,482	Natural Gas
CA	Sunrise Power Company	Jun, 2001	877	1,528,392	268,139	382	3,785,553	Natural Gas
CA	Tracy Peaker	Apr, 2003	1,063	10,111	1,774	1,105	14,280	Natural Gas
CA	Valley Gen Station	Aug, 2001	903	1,340,037	235,094	412	3,178,033	Natural Gas
CA	Walnut Energy Center	Oct, 2005	1,149	663,350	116,377	567	1,396,179	Natural Gas
CA	Wellhead Power Gates, LLC	Dec, 2001	931	5,696	999	1,138	9,582	Natural Gas
CA	Wolfskill Energy Center	Jan, 2003	1,035	13,017	2,284	1,091	21,612	Natural Gas
CA	Woodland Generation Station	Dec, 1993	652	203,358	35,677	760	399,496	Natural Gas
CA	Yuba City Energy Center	Jun, 2002	994	15,434	2,708	1,073	26,635	Natural Gas
CO	Arapahoe	Nov, 1951	75	1,368,739	240,130	408	1,076,484	Coal
CO	Arapahoe Combustion Turbine	May, 2000	777	138,747	24,341	809	288,079	Natural Gas
CO	Blue Spruce Energy Center	Jan, 2003	1,033	353,660	62,046	683	478,652	Natural Gas
CO	Brush Power Projects	May, 2000	780	108,767	19,082	854	152,043	Natural Gas
CO	Cameo	Mar, 1960	239	335,331	58,830	692	275,472	Coal
CO	Cherokee	Sep, 1957	180	5,460,621	958,004	145	5,201,080	Coal
CO	Comanche (470)	Nov, 1975	480	5,029,913	882,441	156	4,894,646	Coal
CO	Craig	Nov, 1979	521	11,492,044	2,016,148	47	10,984,037	Coal
CO	Fort St. Vrain	May, 1996	696	1,842,759	323,291	337	4,147,458	Natural Gas
CO	Fountain Valley Combustion Turbine	Jul, 2001	883	296,109	51,949	713	465,105	Natural Gas
CO	Frank Knutson Station	Apr, 2002	958	177,994	31,227	779	237,194	Natural Gas
CO	Front Range Power Plant	Dec, 2002	1,023	1,278,399	224,280	427	2,873,036	Natural Gas
CO	Hayden	Jul, 1965	323	4,298,546	754,131	179	3,916,247	Coal
CO	Limon Generating Station	Dec, 2001	929	104,252	18,290	861	142,067	Natural Gas
CO	Manchief Generating Station	Jul, 2000	799	214,817	37,687	752	344,745	Natural Gas
CO	Martin Drake	Oct, 1962	276	2,256,177	395,821	297	2,099,854	Coal
CO	Nucla	Jun, 1990	597	885,588	155,366	507	774,124	Coal
CO	Pawnee	Dec, 1981	542	4,097,660	718,888	188	4,017,869	Coal
CO	Rawhide Energy Station	Apr, 1984	561	2,441,148	428,271	282	2,547,805	Coal
CO	Ray D Nixon	Apr, 1980	526	1,706,023	299,302	350	1,625,930	Coal
CO	Rocky Mountain Energy Center	Mar, 2004	1,102	1,629,680	285,909	363	3,693,092	Natural Gas
CO	Spindle Hill Energy Center	Apr, 2007	1,166	306,261	53,730	706	503,197	Natural Gas
CO	Valmont	May, 1964	297	1,464,298	256,894	393	1,408,777	Coal
CO	Valmont Combustion Turbine Facility	May, 2000	779	10,753	1,886	1,104	17,924	Natural Gas

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CO	Zuni	Aug, 1948	30	42,362	7,432	971	68,439	Natural Gas
CT	Alfred L Pierce Generating Station	Aug, 2007	1,174	8,927	1,566	1,118	8,825	Natural Gas
CT	Bridgeport Energy	Jul, 1998	720	1,079,978	189,470	467	1,701,188	Natural Gas
CT	Bridgeport Harbor Station	Nov, 1957	184	2,710,815	475,582	270	2,470,109	Residual Oil
CT	Capitol District Energy Center	Oct, 1989	593	17,217	3,021	1,062	30,191	Natural Gas
CT	Devon	Jan, 1955	139	10,856	1,905	1,103	12,874	Natural Gas
CT	Lake Road Generating Company	Aug, 2001	896	1,527,783	268,032	383	2,338,386	Natural Gas
CT	Middletown	Nov, 1958	213	445,131	78,093	640	527,477	Residual Oil
CT	Milford Power Company LLC	Mar, 2002	941	1,249,356	219,185	435	2,964,870	Natural Gas
CT	Montville	Jan, 1954	112	86,790	15,226	887	95,484	Residual Oil
CT	New Haven Harbor	Aug, 1975	478	557,699	97,842	594	578,028	Residual Oil
CT	Norwalk Harbor Station	Jun, 1960	247	308,323	54,092	704	313,814	Residual Oil
CT	Wallingford Energy	Aug, 2001	902	166,003	29,123	789	286,544	Natural Gas
DC	Benning Generation Station	Jun, 1968	360	35,209	6,177	998	72,577	Residual Oil
DE	Delaware City Refinery	Jan, 1961	256	148,289	26,016	800	190,511	Process Gas
DE	Edge Moor	Dec, 1954	134	1,964,871	344,714	325	2,078,705	Residual Oil
DE	Hay Road	Jan, 1990	594	440,867	77,345	644	643,579	Natural Gas
DE	Indian River	Jun, 1957	173	4,173,376	732,171	185	4,111,486	Coal
DE	McKee Run	Sep, 1975	479	17,068	2,994	1,063	19,053	Residual Oil
DE	NRG Energy Center Dover	Jun, 2001	865	11,472	2,013	1,102	19,856	Natural Gas
DE	Van Sant	Jun, 1991	611	1,689	296	1,153	3,248	Diesel
DE	Warren F. Sam Beasley Pwr Station	Jan, 2002	933	29,100	5,105	1,016	50,650	Natural Gas
FL	Anclote	Oct, 1974	467	3,086,685	541,524	247	3,461,481	Residual Oil
FL	Arvah B Hopkins	May, 1971	420	578,628	101,514	585	887,658	Natural Gas
FL	Auburndale Cogeneration Facility	Dec, 1994	669	317,705	55,738	699	506,592	Natural Gas
FL	Bayside Power Station	Mar, 2003	1,053	3,344,102	586,685	233	5,094,580	Natural Gas
FL	Big Bend	Oct, 1970	407	10,469,398	1,836,736	60	9,146,898	Coal
FL	Brandy Branch	May, 2001	862	693,979	121,751	558	1,045,342	Natural Gas
FL	C D McIntosh Jr Power Plant	Feb, 1971	416	3,455,984	606,313	227	3,620,242	Residual Oil
FL	Cane Island	Mar, 1995	673	657,925	115,425	568	1,381,240	Natural Gas
FL	Cape Canaveral	Apr, 1965	315	1,620,908	284,370	365	2,190,618	Residual Oil
FL	Charles Larsen Memorial Power Plant	Jul, 1992	630	83,668	14,679	890	104,948	Natural Gas
FL	Crist Electric Generating Plant	Jul, 1959	229	7,298,602	1,280,456	113	6,794,086	Coal
FL	Crystal River	Oct, 1966	335	16,016,868	2,809,977	19	16,142,136	Coal
FL	Curtis H. Stanton Energy Center	May, 1987	584	6,534,109	1,146,335	132	6,555,352	Coal
FL	Cutler	Nov, 1954	130	89,845	15,762	883	116,277	Natural Gas
FL	Debary	Nov, 1992	635	121,634	21,339	834	132,208	Diesel
FL	Deerhaven	Aug, 1972	439	1,743,360	305,853	346	1,692,180	Natural Gas
FL	Desoto County Generating Co, LLC	Jun, 2002	982	15,717	2,757	1,070	24,931	Natural Gas
FL	Fort Myers	Sep, 2000	805	4,150,268	728,117	186	6,402,028	Natural Gas
FL	Hardee Power Station	May, 2000	774	9,811	1,721	1,107	14,097	Natural Gas
FL	Henry D King	Jan, 1964	295	8,306	1,457	1,120	9,461	Natural Gas
FL	Hines Energy Complex	Aug, 1998	721	3,289,907	577,177	237	5,007,916	Natural Gas
FL	Indian River (55318)	Feb, 1960	236	209,839	36,814	756	277,456	Residual Oil
FL	Indian River (683)	Nov, 1991	617	20,873	3,662	1,052	25,158	Natural Gas
FL	Intercession City	Aug, 1993	648	597,339	104,796	581	715,750	Diesel
FL	J D Kennedy	Jul, 2000	801	47,349	8,307	958	76,025	Natural Gas
FL	J R Kelly	Feb, 2001	814	130,522	22,899	824	174,192	Natural Gas
FL	Lansing Smith Generating Plant	May, 1965	317	3,785,981	664,207	209	4,713,517	Coal
FL	Lauderdale	May, 1993	644	2,377,183	417,050	290	3,521,885	Natural Gas
FL	Manatee	Oct, 1976	489	5,738,612	1,006,774	142	8,070,899	Natural Gas
FL	Martin	Dec, 1980	534	8,843,967	1,551,573	82	12,493,014	Natural Gas
FL	Midulla Generating Station	Sep, 2001	906	427,239	74,954	650	613,032	Natural Gas
FL	Mulberry Cogeneration Facility	Aug, 1994	665	214,831	37,690	751	1,001,742	Natural Gas
FL	Northside	Jun, 1977	495	4,902,453	860,079	158	4,966,431	Coal
FL	Oleander Power Project	Jun, 2002	983	360,886	63,313	676	545,860	Natural Gas
FL	Orange Cogeneration Facility	Jun, 1995	682	191,085	33,524	771	959,063	Natural Gas



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FL	Orlando CoGen	Sep, 1993	650	457,836	80,322	632	978,479	Natural Gas
FL	Osprey Energy Center	May, 2004	1,111	1,003,647	176,078	480	2,291,441	Natural Gas
FL	P L Bartow	Sep, 1958	208	1,520,316	266,722	385	1,539,485	Residual Oil
FL	Polk	Aug, 1996	700	1,869,826	328,040	334	1,477,058	Natural Gas
FL	Port Everglades	May, 1960	245	2,422,109	424,931	283	2,960,872	Residual Oil
FL	Putnam	Aug, 1977	496	546,098	95,807	598	960,770	Natural Gas
FL	Reedy Creek	Mar, 1989	589	67,029	11,760	912	101,045	Diesel
FL	Riviera	May, 1962	267	1,509,900	264,895	387	1,962,534	Residual Oil
FL	RRI Energy Osceola	Oct, 2001	913	199,291	34,963	764	310,404	Natural Gas
FL	S O Purdom	Jun, 1966	330	702,681	123,277	556	1,006,880	Natural Gas
FL	Sanford	May, 1959	225	5,255,488	922,015	152	7,839,255	Natural Gas
FL	Santa Rosa Energy Center	May, 2002	975	2,597	456	1,149	3,065	Natural Gas
FL	Schol Electric Generating Plant	Feb, 1953	98	572,228	100,391	589	440,027	Coal
FL	Seminole (136)	Jan, 1984	560	9,863,224	1,730,390	67	10,056,637	Coal
FL	Shady Hills	Dec, 2001	930	665,482	116,751	565	1,054,112	Natural Gas
FL	St. Johns River Power	Mar, 1987	583	10,344,332	1,814,795	62	10,219,444	Coal
FL	Stanton A	Jul, 2003	1,085	1,137,137	199,498	456	1,978,745	Natural Gas
FL	Stock Island	Jun, 2006	1,164	1,438	252	1,157	1,902	Diesel
FL	Suwannee River	Nov, 1953	110	267,719	46,968	732	326,651	Residual Oil
FL	Tiger Bay	Jul, 1997	709	385,202	67,579	666	542,807	Natural Gas
FL	Tom G Smith	Nov, 1967	353	4,132	725	1,147	4,762	Natural Gas
FL	Turkey Point	Apr, 1967	346	3,800,193	666,700	206	7,488,862	Residual Oil
FL	University of Florida	Dec, 1993	654	201,993	35,437	763	80,082	Natural Gas
FL	Vandolah Power Project	Apr, 2002	956	134,924	23,671	816	218,565	Natural Gas
FL	Vero Beach Municipal	Sep, 1971	424	51,499	9,035	948	68,038	Natural Gas
GA	Baconton	Jun, 2000	791	18,995	3,332	1,059	32,478	Natural Gas
GA	Bowen	Oct, 1971	426	23,243,818	4,077,863	3	24,037,957	Coal
GA	Chattahoochee Energy Facility	Nov, 2002	1,021	652,671	114,504	570	1,046,936	Natural Gas
GA	Dahlberg (Jackson County)	May, 2000	772	177,150	31,079	781	253,478	Natural Gas
GA	Doyle Generating Facility	Apr, 2000	760	38,099	6,684	990	52,093	Natural Gas
GA	Effingham County Power, LLC	Feb, 2003	1,043	506,358	88,835	616	770,688	Natural Gas
GA	Hammond	Jun, 1954	124	5,188,147	910,201	154	5,094,820	Coal
GA	Harlee Branch	Jun, 1965	322	9,896,014	1,736,143	66	10,886,057	Coal
GA	Hartwell Energy Facility	Apr, 1994	657	162,147	28,447	790	217,574	Natural Gas
GA	Heard County Power, LLC	Feb, 2001	811	32,642	5,727	1,008	50,567	Natural Gas
GA	Jack McDonough	Aug, 1963	286	3,888,518	682,196	199	4,067,943	Coal
GA	Kraft	Jul, 1958	202	1,653,099	290,017	359	1,373,041	Coal
GA	McIntosh (6124)	Feb, 1979	513	868,039	152,288	511	826,179	Natural Gas
GA	McIntosh Combined Cycle Facility	Apr, 2005	1,129	2,391,102	419,492	285	5,810,346	Natural Gas
GA	McManus	Jan, 1952	81	21,800	3,825	1,045	16,843	Residual Oil
GA	Mid-Georgia Cogeneration	Oct, 1997	714	130,707	22,931	823	286,429	Natural Gas
GA	Mitchell (GA)	May, 1964	299	679,637	119,235	563	615,437	Coal
GA	MPC Generating, LLC	Oct, 1999	746	11,723	2,057	1,100	17,247	Natural Gas
GA	Murray Energy Facility	Feb, 2002	936	854,631	149,935	514	1,836,962	Natural Gas
GA	Robins	May, 1995	676	36,108	6,335	996	46,766	Natural Gas
GA	Sandersville Energy Facility	Jun, 2002	984	60,356	10,589	931	78,605	Natural Gas
GA	Scherer	Mar, 1982	547	27,231,087	4,777,384	1	26,455,145	Coal
GA	Sewell Creek Energy	May, 2000	778	103,227	18,110	863	152,695	Natural Gas
GA	Smarr Energy Facility	Jun, 1999	732	28,468	4,994	1,019	41,004	Natural Gas
GA	Sowega Power Project	Jun, 1999	739	21,063	3,695	1,050	35,904	Natural Gas
GA	Talbot Energy Facility	Apr, 2002	955	136,720	23,986	812	182,409	Natural Gas
GA	Tenaska Georgia Generating Station	Jun, 2001	866	93,329	16,373	872	147,640	Natural Gas
GA	Walton County Power, LLC	Apr, 2001	841	55,750	9,781	938	93,387	Natural Gas
GA	Wansley (6052)	Dec, 1976	490	13,883,696	2,435,736	31	16,054,008	Coal
GA	Wansley (7946)	Jan, 2004	1,100	376,399	66,035	670	603,006	Natural Gas
GA	Washington County Power, LLC	Feb, 2003	1,045	53,116	9,319	942	85,635	Natural Gas

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GA	West Georgia Generating Company	Mar, 2000	757	186,544	32,727	775	291,034	Natural Gas
GA	Yates	Sep, 1950	58	8,077,423	1,417,092	96	8,098,859	Coal
IA	Ames	Aug, 1968	362	644,165	113,011	571	506,154	Coal
IA	Burlington (IA)	Jun, 1968	359	1,551,487	272,191	376	1,317,632	Coal
IA	Dayton Avenue Substation	Apr, 2005	1,128	288	51	1,173	321	Diesel
IA	Dubuque	Jun, 1941	6	453,843	79,622	635	338,339	Coal
IA	Earl F Wisdom	May, 1960	246	109,036	19,129	852	83,280	Coal
IA	Emery Station	Apr, 2004	1,108	731,076	128,259	551	1,698,587	Natural Gas
IA	Exira Station	May, 2004	1,112	38,165	6,696	989	67,331	Natural Gas
IA	Fair Station	Apr, 1967	343	274,163	48,099	725	223,844	Coal
IA	George Neal North	May, 1964	298	6,781,282	1,189,699	123	6,653,037	Coal
IA	George Neal South	Jul, 1979	518	4,878,749	855,921	160	4,897,414	Coal
IA	Greater Des Moines Energy Center	Mar, 2003	1,059	499,785	87,682	622	751,413	Natural Gas
IA	Lansing	Jan, 1948	23	2,092,405	367,089	310	1,723,743	Coal
IA	Lime Creek	May, 1991	607	38,222	6,706	987	34,268	Diesel
IA	Louisa	Oct, 1983	559	3,999,753	701,711	192	3,920,356	Coal
IA	Milton L Kapp	Apr, 1967	344	1,260,776	221,189	433	1,168,487	Coal
IA	Muscatine	Dec, 1969	374	2,066,156	362,483	315	1,722,629	Coal
IA	Ottumwa	May, 1981	538	4,664,793	818,385	164	4,073,096	Coal
IA	Pella	May, 1963	283	140,348	24,623	806	94,606	Coal
IA	Pleasant Hill Energy Center	Jun, 1994	663	12,391	2,174	1,094	14,119	Natural Gas
IA	Prairie Creek	Aug, 1958	206	1,264,616	221,863	432	777,444	Coal
IA	Riverside (1081)	Jun, 1961	260	799,722	140,302	531	763,628	Coal
IA	Sixth Street	Apr, 1940	4	448,192	78,630	637	320,925	Coal
IA	Streeter Station	Mar, 1973	446	124,338	21,814	830	108,752	Coal
IA	Sutherland	Apr, 1955	148	1,375,365	241,292	407	899,639	Coal
IA	Walter Scott Jr. Energy Center	Mar, 1954	118	9,676,698	1,697,666	69	10,094,706	Coal
ID	Bennett Mountain Power Project	Feb, 2005	1,124	115,078	20,189	840	187,139	Natural Gas
ID	Evander Andrews Power Complex	Sep, 2001	909	28,457	4,992	1,020	40,693	Natural Gas
ID	Rathdrum Combustion Turbine Project	Jan, 1995	670	12,091	2,121	1,098	19,471	Natural Gas
ID	Rathdrum Power, LLC	Jul, 2001	890	529,599	92,912	603	1,295,557	Natural Gas
IL	Baldwin Energy Complex	Jul, 1970	405	14,135,508	2,479,914	30	14,288,585	Coal
IL	Calumet Energy Team	Jun, 2002	998	41,325	7,250	973	66,155	Natural Gas
IL	Coffeen	Dec, 1965	326	6,596,197	1,157,227	129	6,199,564	Coal
IL	Cordova Energy Company	Jun, 2001	873	293,334	51,462	716	650,515	Natural Gas
IL	Crawford	May, 1958	195	3,185,926	558,934	241	2,921,623	Coal
IL	Crete Energy Park	Mar, 2002	945	11,872	2,083	1,099	15,749	Natural Gas
IL	Dallman	Jun, 1968	357	2,348,051	411,939	292	2,725,152	Coal
IL	Duck Creek	Jun, 1976	486	572,743	100,481	588	516,141	Coal
IL	E D Edwards	May, 1960	243	5,989,144	1,050,727	139	5,000,159	Coal
IL	Elgin Energy Center	Aug, 2002	1,013	59,975	10,522	932	87,533	Natural Gas
IL	Elwood Energy Facility	May, 1999	730	202,848	35,587	761	324,006	Natural Gas
IL	Fisk	Mar, 1959	222	1,784,715	313,108	342	1,754,884	Coal
IL	Freedom Power Project	Jun, 2000	784	4,432	778	1,144	7,970	Natural Gas
IL	Geneva Energy, LLC	Jun, 2000	792	7,080	1,242	1,132	3,802	Tire Derived Fuel
IL	Gibson City Power Plant	Jun, 2000	793	28,882	5,067	1,018	44,388	Natural Gas
IL	Goose Creek Power Plant	Jan, 2003	1,034	85,819	15,056	889	121,325	Natural Gas
IL	Grand Tower	May, 2001	852	278,952	48,939	722	524,524	Natural Gas
IL	Havana	Jul, 1947	21	3,678,169	645,293	217	3,460,179	Residual Oil
IL	Hennepin Power Station	Jun, 1953	105	2,283,908	400,686	295	2,212,486	Coal
IL	Holland Energy Facility	Mar, 2002	949	388,292	68,121	665	842,864	Natural Gas
IL	Hutsonville	Feb, 1953	97	1,112,496	195,175	463	902,719	Coal
IL	Interstate	Sep, 1997	712	14,701	2,579	1,077	18,812	Natural Gas
IL	Joliet 29	Apr, 1965	314	5,930,167	1,040,380	140	5,702,175	Coal
IL	Joliet 9	Jun, 1959	227	2,076,087	364,226	313	1,936,693	Coal
IL	Joppa Steam	Aug, 1953	107	9,196,492	1,613,420	77	8,685,100	Coal
IL	Kendall Energy Facility	Nov, 2001	920	636,803	111,720	576	1,440,462	Natural Gas

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IL	Kincaid Station	Jun, 1967	350	7,694,870	1,349,977	103	6,956,953	Coal
IL	Kinmundy Power Plant	Apr, 2001	830	13,379	2,347	1,086	19,829	Natural Gas
IL	Lakeside	Apr, 1961	259	365,728	64,163	673	561,162	Coal
IL	Lee Energy Facility	Apr, 2001	836	36,250	6,360	995	46,220	Natural Gas
IL	Lincoln Generating Facility	May, 2000	783	15,359	2,695	1,075	20,994	Natural Gas
IL	Marion	Oct, 1978	509	2,717,690	476,788	269	1,937,591	Coal
IL	MEPI Gt Facility	Jul, 2000	796	14,415	2,529	1,079	17,155	Natural Gas
IL	Meredosia	Jun, 1948	28	2,136,279	374,786	307	1,951,748	Coal
IL	Newton	Nov, 1977	501	9,544,417	1,674,459	70	8,839,558	Coal
IL	NRG Rockford Energy Center	Jun, 2000	794	22,440	3,937	1,043	34,793	Natural Gas
IL	NRG Rockford II Energy Center	May, 2002	976	20,691	3,630	1,053	34,217	Natural Gas
IL	Pinckneyville Power Plant	Jun, 2000	788	106,551	18,693	857	181,613	Natural Gas
IL	Powerton	Jul, 1973	453	9,015,927	1,581,742	81	8,847,137	Coal
IL	PPL University Park Power Project	Jun, 2002	991	196,376	34,452	768	337,035	Natural Gas
IL	Raccoon Creek Power Plant	Jun, 2002	990	36,609	6,423	994	50,011	Natural Gas
IL	Rocky Road Power, LLC	Jun, 1999	737	46,103	8,088	961	66,989	Natural Gas
IL	RRI Energy - Aurora	Apr, 2001	834	117,500	20,614	837	190,858	Natural Gas
IL	RRI Energy Shelby County	Jul, 2000	795	35,163	6,169	999	66,869	Natural Gas
IL	Southeast Chicago Energy Project	Jul, 2002	1,000	8,996	1,578	1,116	12,404	Natural Gas
IL	Tilton Power Station	May, 1999	728	61,157	10,729	927	87,014	Natural Gas
IL	University Park Energy	May, 2001	850	202,124	35,460	762	351,229	Natural Gas
IL	Venice	May, 2002	974	183,614	32,213	777	295,275	Natural Gas
IL	Vermilion Power Station	May, 1955	150	980,316	171,985	484	878,393	Coal
IL	Waukegan	Jan, 1952	80	5,335,155	935,992	148	5,112,471	Coal
IL	Will County	Mar, 1955	147	6,144,675	1,078,013	136	5,932,436	Coal
IL	Wood River Power Station	Nov, 1949	46	3,001,465	526,573	249	3,041,419	Natural Gas
IL	Zion Energy Center	May, 2002	970	136,793	23,999	811	205,241	Natural Gas
IN	A B Brown Generating Station	Apr, 1979	515	3,403,845	597,166	231	3,642,678	Coal
IN	Alcoa Allowance Management Inc	Apr, 1960	241	6,199,079	1,087,558	134	5,654,143	Coal
IN	Anderson	Jun, 1992	628	5,472	960	1,139	7,160	Natural Gas
IN	Bailly Generating Station	Oct, 1962	273	2,891,039	507,200	261	2,613,724	Coal
IN	C. C. Perry K Steam Plant	Aug, 1938	1	65,216	11,441	917	72,303	Natural Gas
IN	Cayuga	Oct, 1970	410	6,583,396	1,154,982	130	7,374,607	Coal
IN	Clifty Creek	Feb, 1955	143	8,099,448	1,420,956	95	8,951,779	Coal
IN	Edwardsport	Jul, 1944	16	362,951	63,676	675	254,354	Coal
IN	F B Culley Generating Station	Dec, 1966	337	3,317,448	582,008	235	2,181,796	Coal
IN	Frank E Ratts	May, 1970	395	1,883,713	330,476	331	1,845,104	Coal
IN	Georgetown Substation	Apr, 2000	762	42,944	7,534	969	58,017	Natural Gas
IN	Gibson	Apr, 1975	473	22,409,315	3,931,459	4	24,951,355	Coal
IN	Harding Street Station (EW Stout)	Apr, 1942	9	3,831,144	672,131	205	4,114,772	Coal
IN	Henry County Generating Station	Jul, 2001	887	53,217	9,336	941	92,680	Natural Gas
IN	Hoosier Energy Lawrence Co Station	Feb, 2005	1,122	39,673	6,960	980	66,614	Natural Gas
IN	IPL Eagle Valley Generating Station	Feb, 1949	37	1,596,416	280,073	369	1,576,882	Coal
IN	Lawrenceburg Energy Facility	Sep, 2003	1,089	432,271	75,837	648	649,499	Natural Gas
IN	Merom	Feb, 1982	546	7,149,683	1,254,330	117	7,048,652	Coal
IN	Michigan City Generating Station	Nov, 1970	412	2,895,808	508,037	260	2,762,026	Coal
IN	Montpelier Electric Gen Station	Jun, 2001	867	43,906	7,703	965	63,739	Natural Gas
IN	Noblesville	Apr, 2003	1,069	197,375	34,627	767	284,916	Natural Gas
IN	Petersburg	May, 1967	347	13,077,495	2,294,297	39	12,942,202	Coal
IN	R Gallagher	Dec, 1958	217	3,180,459	557,975	242	3,321,990	Coal
IN	R M Schahfer Generating Station	Dec, 1976	491	12,289,294	2,156,016	43	10,900,752	Coal
IN	Richmond (IN)	May, 1992	623	1,934	339	1,152	2,415	Natural Gas
IN	Rockport	Dec, 1984	571	15,488,966	2,717,362	22	16,972,673	Coal
IN	State Line Generating Station (IN)	Jan, 1955	140	3,430,009	601,756	228	3,401,115	Coal
IN	Sugar Creek Generating Station	Jun, 2002	985	130,324	22,864	825	290,278	Natural Gas
IN	Tanners Creek	Mar, 1951	62	6,025,709	1,057,142	138	6,427,036	Coal
IN	Vermillion Energy Facility	Mar, 2000	758	99,239	17,410	865	120,244	Natural Gas



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IN	Wabash River Gen Station	Aug, 1953	108	5,710,477	1,001,838	143	4,572,706	Coal
IN	Wheatland Generating Facility LLC	Jun, 2000	785	17,279	3,031	1,061	22,232	Natural Gas
IN	Whitewater Valley	Mar, 1955	146	515,677	90,470	609	438,788	Coal
IN	Whiting Clean Energy, Inc.	Jul, 2001	886	873,434	153,234	510	98,810	Natural Gas
IN	Worthington Generation	Jun, 2000	786	22,926	4,022	1,039	38,628	Natural Gas
KS	Chanute 2	Jul, 2001	879	27,987	4,910	1,021	31,584	Natural Gas
KS	Cimarron River	Oct, 1963	290	94,465	16,573	869	136,245	Natural Gas
KS	Coffeyville	Jan, 1973	444	1,143	201	1,161	1,415	Natural Gas
KS	East 12th Street	Apr, 1970	393	461	81	1,166	1,064	Natural Gas
KS	Fort Dodge aka Judson Large	Jun, 1969	370	320,899	56,298	698	506,190	Natural Gas
KS	Garden City	Apr, 1973	448	23,274	4,083	1,034	40,023	Natural Gas
KS	Gordon Evans Energy Center	Jun, 1961	261	409,629	71,865	656	620,204	Natural Gas
KS	Great Bend Station aka Arthur Mullergren	Dec, 1963	292	111,471	19,556	846	175,238	Natural Gas
KS	Holcomb	Aug, 1983	556	3,081,538	540,621	248	3,073,698	Natural Gas
KS	Hutchinson Energy Center	Jun, 1950	55	104,183	18,278	862	161,622	Natural Gas
KS	Jeffrey Energy Center	Jul, 1978	506	16,845,936	2,955,427	17	16,369,404	Coal
KS	La Cygne	Mar, 1973	447	11,159,641	1,957,832	50	11,083,468	Coal
KS	Lawrence Energy Center	Jan, 1955	142	4,320,499	757,982	177	3,842,478	Coal
KS	McPherson 3	Oct, 1998	723	22,569	3,960	1,042	27,998	Natural Gas
KS	Murray Gill Energy Center	May, 1952	83	126,101	22,123	828	175,741	Natural Gas
KS	Nearman Creek	Feb, 1981	535	2,193,688	384,858	302	1,827,320	Natural Gas
KS	Neosho Energy Center	Nov, 1954	131	6,626	1,162	1,136	9,693	Natural Gas
KS	Osawatomie Generating Station	May, 2003	1,073	7,693	1,350	1,125	9,811	Natural Gas
KS	Quindaro	May, 1965	316	1,457,132	255,637	395	1,288,450	Coal
KS	Riverton	Jan, 1949	34	802,929	140,865	529	671,689	Natural Gas
KS	Tecumseh Energy Center	Aug, 1957	179	1,819,229	319,163	338	1,591,870	Coal
KS	West Gardner Generating Station	Mar, 2003	1,061	73,477	12,891	901	99,323	Natural Gas
KY	Big Sandy	Jan, 1963	278	7,177,086	1,259,138	115	7,884,188	Coal
KY	Bluegrass Generation Company, LLC	Feb, 2002	938	7,440	1,305	1,129	11,301	Natural Gas
KY	Cane Run	May, 1962	268	3,787,734	664,515	208	3,866,864	Coal
KY	Coleman	Sep, 1969	373	3,653,553	640,974	220	3,214,910	Coal
KY	D B Wilson	Sep, 1984	568	3,881,863	681,029	200	3,438,205	Coal
KY	E W Brown	May, 1957	172	4,302,393	754,806	178	4,425,928	Coal
KY	East Bend	Mar, 1981	536	3,871,543	679,218	201	4,169,764	Coal
KY	Elmer Smith	Jun, 1964	302	2,710,250	475,482	271	2,446,308	Coal
KY	Ghent	Feb, 1974	457	12,561,781	2,203,821	42	12,930,794	Coal
KY	Green River	Apr, 1954	119	1,169,616	205,196	453	1,069,639	Coal
KY	H L Spurlock	Sep, 1977	498	8,156,403	1,430,948	91	6,493,139	Coal
KY	Henderson I	Feb, 1968	356	8,179	1,435	1,121	5,631	Coal
KY	HMP&L Station 2	Jun, 1973	450	2,467,124	432,829	279	2,373,828	Coal
KY	John S. Cooper	Feb, 1965	309	1,931,759	338,905	327	2,092,674	Coal
KY	Marshall	May, 2002	977	92,258	16,186	873	126,365	Natural Gas
KY	Mill Creek	Jul, 1972	438	10,918,631	1,915,549	54	11,518,858	Coal
KY	Paddy's Run	Jun, 2001	876	38,858	6,817	985	66,772	Natural Gas
KY	Paradise	Mar, 1963	280	14,218,230	2,494,426	29	8,837,046	Coal
KY	R D Green	Oct, 1979	520	3,923,035	688,252	197	3,768,799	Coal
KY	Riverside Generating Company	Jun, 2001	871	41,374	7,259	972	63,246	Natural Gas
KY	Robert Reid	Oct, 1965	325	315,903	55,422	702	273,017	Natural Gas
KY	Shawnee	Apr, 1953	100	10,608,452	1,861,132	57	10,233,322	Coal
KY	Smith Generating Facility	Jan, 1999	724	327,283	57,418	696	381,025	Natural Gas
KY	Trimble County	Jan, 1990	595	3,912,618	686,424	198	4,593,524	Natural Gas
KY	Tyrone	Oct, 1947	22	514,928	90,338	610	428,764	Coal
KY	William C. Dale	Dec, 1954	135	1,186,544	208,166	449	1,095,999	Coal
LA	Acadia Power Station	Aug, 2002	1,009	430,121	75,460	649	997,936	Natural Gas
LA	Arsenal Hill Power Plant	Jan, 1970	378	73,421	12,881	902	85,831	Natural Gas
LA	Bayou Cove Peaking Power Plant	Jul, 2002	1,006	13,221	2,319	1,089	17,854	Natural Gas

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LA	Big Cajun 1	Feb, 1972	435	22,313	3,915	1,044	30,241	Natural Gas
LA	Big Cajun 2	Jul, 1980	530	13,736,733	2,409,953	33	13,169,326	Coal
LA	Calcasieu Plant	May, 2000	775	42,867	7,521	970	66,971	Natural Gas
LA	Carville Energy Center	Jun, 2003	1,081	1,075,467	188,678	468	2,536,839	Natural Gas
LA	D G Hunter	Jan, 1965	308	289	51	1,172	353	Natural Gas
LA	Doc Bonin	Apr, 1965	312	36,965	6,485	992	62,123	Natural Gas
LA	Dolet Hills Power Station	Apr, 1986	578	4,551,483	798,506	167	4,129,011	Coal
LA	Evangeline Power Station (Coughlin)	Feb, 2000	754	806,389	141,472	528	1,788,336	Natural Gas
LA	Hargis-Hebert Electric Generating Station	Apr, 2006	1,159	113,163	19,853	844	166,101	Natural Gas
LA	Houma	May, 1969	369	12,169	2,135	1,096	15,293	Natural Gas
LA	Lieberman Power Plant	Jan, 1970	379	81,572	14,311	892	119,517	Natural Gas
LA	Little Gypsy	Jan, 1970	380	909,775	159,610	501	1,379,175	Natural Gas
LA	Louisiana 1	May, 1970	398	1,955,527	343,075	326	4,072,013	Process Gas
LA	Michoud	Jan, 1970	381	1,278,468	224,293	426	1,925,033	Natural Gas
LA	Morgan City Electrical Gen Facility	Aug, 1975	477	36,864	6,467	993	26,159	Natural Gas
LA	Natchitoches	Jan, 1972	432	383	67	1,169	5,599	Natural Gas
LA	Ninemile Point	Jan, 1970	382	3,762,472	660,083	210	4,484,680	Natural Gas
LA	Ouachita Plant	May, 2002	979	699,945	122,797	557	1,587,415	Natural Gas
LA	Perryville Power Station	May, 2001	853	1,065,555	186,940	471	2,084,475	Natural Gas
LA	Plaquemine Cogen Facility	Mar, 2004	1,106	2,534,696	444,683	276	7,571,848	Natural Gas
LA	R S Cogen	May, 2002	980	1,675,693	293,981	355	3,000,650	Natural Gas
LA	R S Nelson	Mar, 1960	240	5,102,118	895,108	155	4,897,096	Natural Gas
LA	Rodemacher Power Station (6190)	Nov, 1972	441	3,947,442	692,534	195	4,261,307	Natural Gas
LA	Sterlington	May, 1970	399	34,319	6,021	1,001	56,965	Natural Gas
LA	T J Labbe Electric Generating Station	Jun, 2005	1,142	62,972	11,048	923	91,316	Natural Gas
LA	Taft Cogeneration Facility	Jul, 2002	1,004	2,111,296	370,403	309	3,039,707	Natural Gas
LA	Teche Power Station	May, 1956	160	643,560	112,905	572	1,038,111	Natural Gas
LA	Waterford 1 & 2	Jan, 1974	455	578,209	101,440	586	610,760	Natural Gas
LA	Willow Glen	Jan, 1970	383	152,932	26,830	795	224,816	Natural Gas
MA	ANP Bellingham Energy Project	Jun, 2002	995	1,134,579	199,049	457	1,680,724	Natural Gas
MA	ANP Blackstone Energy Company	Apr, 2001	842	1,178,895	206,824	451	1,853,067	Natural Gas
MA	Bellingham	Sep, 1991	615	263,823	46,285	733	385,709	Natural Gas
MA	Berkshire Power	Sep, 1999	745	450,965	79,117	636	1,069,171	Natural Gas
MA	Brayton Point	Apr, 1963	281	7,879,629	1,382,391	101	9,014,122	Coal
MA	Canal Station	Jul, 1968	361	2,020,056	354,396	318	2,454,208	Residual Oil
MA	Cleary Flood	Jun, 1966	331	21,410	3,756	1,049	29,216	Residual Oil
MA	Dartmouth Power	May, 1992	625	62,020	10,881	926	118,530	Natural Gas
MA	Dighton	May, 1999	727	121,426	21,303	836	251,382	Natural Gas
MA	Fore River Station	Mar, 2003	1,060	1,445,546	253,605	396	3,527,706	Natural Gas
MA	Kendall Square	Jun, 1949	41	771,128	135,286	542	1,867,412	Natural Gas
MA	Lowell Cogeneration Company	Oct, 1988	588	1,333	234	1,158	1,590	Natural Gas
MA	Masspower	Jul, 1993	647	195,406	34,282	769	277,363	Natural Gas
MA	Millennium Power Partners	Jul, 2000	800	813,949	142,798	524	1,281,992	Natural Gas
MA	Mount Tom	Jun, 1960	248	1,166,926	204,724	454	1,197,338	Coal
MA	Mystic	Jan, 1957	167	4,457,903	782,088	172	6,890,062	Natural Gas
MA	New Boston	Jan, 1967	338	8,987	1,577	1,117	13,729	Natural Gas
MA	Salem Harbor	Nov, 1951	76	2,078,419	364,635	312	2,037,242	Coal
MA	Somerset	Jul, 1959	230	824,748	144,693	521	530,165	Coal
MA	West Springfield	Sep, 1957	181	147,329	25,847	801	164,724	Natural Gas
MD	Brandon Shores	May, 1984	564	8,105,262	1,421,976	93	8,952,240	Coal
MD	C P Crane	Jul, 1961	264	2,240,019	392,986	298	2,156,148	Coal
MD	Herbert A Wagner	Jan, 1956	157	3,340,874	586,118	234	3,163,570	Coal
MD	Mirant Chalk Point	Aug, 1964	304	5,292,022	928,425	150	5,468,940	Natural Gas
MD	Mirant Dickerson	Jun, 1959	226	3,133,017	549,652	245	3,343,103	Coal
MD	Mirant Morgantown	Jun, 1970	400	6,747,408	1,183,756	125	7,338,759	Coal
MD	Panda Brandywine	Oct, 1996	702	280,860	49,274	719	589,518	Natural Gas
MD	Perryman	Jun, 1995	677	22,816	4,003	1,041	32,011	Natural Gas

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MD	R. Paul Smith Power Station	Jan, 1947	20	754,854	132,430	544	697,566	Coal
MD	Riverside	Sep, 1951	71	19,763	3,467	1,056	26,669	Natural Gas
MD	Rock Springs Generating Facility	Nov, 2002	1,019	91,083	15,979	878	139,314	Natural Gas
MD	Vienna	Dec, 1971	430	35,539	6,235	997	32,542	Residual Oil
ME	Androscoggin Energy	Oct, 1999	747	349,532	61,321	685	509,822	Natural Gas
ME	Bucksport Clean Energy	Oct, 2000	807	708,412	124,283	555	1,236,828	Natural Gas
ME	Maine Independence Station	Mar, 2000	756	831,252	145,834	519	1,184,885	Natural Gas
ME	Rumford Power	Jul, 2000	798	294,645	51,692	715	682,584	Natural Gas
ME	Westbrook Energy Center	Feb, 2001	816	991,719	173,986	483	2,530,937	Natural Gas
ME	William F Wyman	Jan, 1957	168	357,639	62,744	679	406,954	Residual Oil
MI	48th Street Peaking Station	May, 1992	624	15,555	2,729	1,072	22,311	Natural Gas
MI	B C Cobb	Sep, 1948	31	2,278,267	399,696	296	2,338,616	Natural Gas
MI	Belle River	Apr, 1984	562	8,580,419	1,505,337	86	8,608,865	Coal
MI	Conners Creek	Jun, 1998	717	69,569	12,205	909	91,347	Natural Gas
MI	Dan E Karn	Jul, 1956	163	4,256,718	746,793	181	4,262,160	Coal
MI	Dearborn Industrial Generation	Aug, 1999	743	62,420	10,951	925	96,336	Natural Gas
MI	Delray	Sep, 1999	744	20,149	3,535	1,054	29,535	Natural Gas
MI	DTE East China	Apr, 2002	966	94,915	16,652	868	132,652	Natural Gas
MI	Eckert Station	Jun, 1954	121	2,325,421	407,969	294	1,779,470	Coal
MI	Endicott Generating	May, 1983	555	744,357	130,589	549	474,343	Coal
MI	Erickson	Jan, 1972	433	1,348,921	236,653	410	1,132,121	Coal
MI	Greenwood	Jun, 1978	504	392,109	68,791	663	507,528	Natural Gas
MI	Harbor Beach	Feb, 1968	354	90,876	15,943	880	83,011	Coal
MI	J B Sims	Aug, 1983	557	507,562	89,046	614	491,906	Coal
MI	J C Weadock	Apr, 1955	149	2,013,672	353,276	321	1,973,292	Coal
MI	J H Campbell	Aug, 1962	272	8,796,026	1,543,163	83	8,631,708	Coal
MI	J R Whiting	Jul, 1952	88	2,901,091	508,963	258	2,576,510	Coal
MI	Jackson MI Facility	Apr, 2002	967	355,163	62,309	682	713,585	Natural Gas
MI	James De Young	Apr, 1969	368	173,653	30,465	783	117,157	Coal
MI	Kalamazoo River Generating Station	Jun, 1999	736	2,272	399	1,151	2,547	Natural Gas
MI	Kalkaska Ct Project #1	Nov, 2002	1,022	14,442	2,534	1,078	24,240	Natural Gas
MI	Livingston Generating Station	Jun, 1999	734	13,513	2,371	1,085	9,726	Natural Gas
MI	Michigan Power Limited Partnership	Oct, 1995	687	409,292	71,806	657	723,111	Natural Gas
MI	Mistersky	Aug, 1950	57	310,059	54,396	703	134,060	Natural Gas
MI	Monroe	Mar, 1971	417	20,607,472	3,615,346	7	21,855,670	Coal
MI	New Covert Generating Project	Aug, 2003	1,087	540,668	94,854	600	1,268,892	Natural Gas
MI	Presque Isle	Jan, 1964	294	4,210,477	738,680	182	3,752,974	Coal
MI	Renaissance Power	Mar, 2002	939	234,849	41,202	742	366,678	Natural Gas
MI	River Rouge	Jan, 1956	158	3,672,403	644,281	218	2,649,891	Coal
MI	Shiras	Mar, 1983	554	424,146	74,412	651	302,593	Coal
MI	St. Clair	Jan, 1953	94	8,102,594	1,421,508	94	8,304,907	Coal
MI	Sumpster Plant	Apr, 2002	961	49,334	8,655	953	67,313	Natural Gas
MI	Trenton Channel	May, 1949	39	4,267,252	748,641	180	3,388,101	Coal
MI	Wyandotte	Jun, 1958	196	532,195	93,367	601	356,932	Coal
MI	Zeeland Generating Station	Mar, 2001	818	439,652	77,132	646	650,123	Natural Gas
MN	Allen S King	Feb, 1968	355	909,828	159,619	500	815,489	Coal
MN	Black Dog	Aug, 1955	153	2,116,168	371,258	308	2,275,678	Coal
MN	Blue Lake Generating Plant	Jun, 2005	1,139	86,947	15,254	886	124,742	Natural Gas
MN	Boswell Energy Center	Jul, 1958	203	8,129,199	1,426,175	92	7,313,529	Coal
MN	Cambridge Station	May, 2007	1,169	43,750	7,675	966	60,248	Natural Gas
MN	Cascade Creek	Apr, 2002	964	40,080	7,032	977	64,116	Natural Gas
MN	Cottage Grove Cogeneration	Mar, 1997	705	432,323	75,846	647	1,033,655	Natural Gas
MN	Faribault Energy Park	May, 2005	1,135	153,340	26,902	794	302,161	Natural Gas
MN	Fibrominn Biomass Power Plant	May, 2007	1,170	284,253	49,869	718	192,222	Other Solid Fuel
MN	Fox Lake	Jun, 1962	269	66,707	11,703	913	73,598	Natural Gas
MN	Hibbard Energy Center	Jul, 1949	42	424,061	74,397	652	223,945	Wood

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MN	High Bridge	Jan, 1942	8	1,119,674	196,434	460	939,089	Coal
MN	Hoot Lake	Sep, 1959	232	1,227,768	215,398	437	1,013,048	Coal
MN	Hutchinson - Plant 2	Nov, 1994	668	16,516	2,898	1,064	21,554	Natural Gas
MN	Lakefield Junction Generating	May, 2001	845	278,008	48,773	723	393,597	Natural Gas
MN	Laskin Energy Center	Apr, 1953	103	879,613	154,318	509	646,052	Coal
MN	Mankato Energy Center	May, 2006	1,160	337,285	59,173	691	747,911	Natural Gas
MN	Minnesota River Station	May, 2001	846	7,478	1,312	1,127	11,073	Natural Gas
MN	Northeast Station	Apr, 1971	419	110,960	19,467	848	81,611	Coal
MN	Pleasant Valley Station	Apr, 2001	831	177,405	31,124	780	260,629	Natural Gas
MN	Riverside (1927)	Jan, 1949	35	2,785,184	488,629	264	2,343,971	Coal
MN	Sherburne County	May, 1976	484	18,254,456	3,202,536	13	17,082,577	Coal
MN	Silver Lake	Dec, 1969	375	256,161	44,941	734	215,406	Coal
MN	Solway Plant	Jun, 2003	1,076	38,185	6,699	988	55,191	Natural Gas
MN	Taconite Harbor Energy Center	Feb, 2002	935	1,752,752	307,500	345	1,572,424	Coal
MO	Asbury	Jun, 1970	401	1,212,452	212,711	438	1,140,785	Coal
MO	Audrain Power Plant	Apr, 2001	832	49,261	8,642	954	68,081	Natural Gas
MO	Blue Valley	Jun, 1965	320	189,022	33,162	773	149,301	Coal
MO	Chamois Power Plant	Nov, 1960	252	439,905	77,176	645	404,127	Coal
MO	Columbia	Jan, 1957	169	134,132	23,532	817	95,298	Coal
MO	Columbia Energy Center (MO)	Jun, 2001	868	9,023	1,583	1,114	12,546	Natural Gas
MO	Dogwood Energy Facility	May, 2001	863	357,187	62,664	680	796,138	Natural Gas
MO	Empire District Elec Co Energy Ctr	Mar, 2003	1,055	52,512	9,213	946	75,888	Natural Gas
MO	Essex Power Plant	Jun, 1999	738	6,798	1,193	1,134	10,156	Natural Gas
MO	Hawthorn	Oct, 1997	713	4,464,906	783,317	170	4,378,757	Natural Gas
MO	Holden Power Plant	Jun, 2002	986	40,134	7,041	976	52,140	Natural Gas
MO	Iatan	May, 1980	527	4,427,207	776,703	173	4,417,381	Coal
MO	James River	Feb, 1960	237	1,401,226	245,829	403	1,337,828	Coal
MO	Labadie	May, 1970	396	18,714,405	3,283,229	11	19,906,688	Coal
MO	Lake Road	Jan, 1970	384	824,749	144,693	520	760,324	Coal
MO	McCartney Generating Station	May, 2002	971	32,117	5,635	1,009	44,367	Natural Gas
MO	Meramec	Apr, 1953	99	6,929,442	1,215,692	121	6,309,911	Coal
MO	Montrose	Jun, 1958	197	3,757,492	659,209	211	3,317,029	Coal
MO	New Madrid Power Plant	Dec, 1972	442	7,640,456	1,340,431	107	7,871,786	Coal
MO	Nodaway Power Plant	Jun, 1999	740	6,306	1,106	1,137	8,924	Natural Gas
MO	Peno Creek Energy Center	Apr, 2002	968	108,791	19,086	853	164,956	Natural Gas
MO	Rush Island	Feb, 1976	483	7,057,640	1,238,182	118	7,420,913	Coal
MO	Sibley	Jan, 1960	235	3,296,383	578,313	236	3,202,001	Coal
MO	Sikeston	Sep, 1981	541	2,452,275	430,224	280	2,179,061	Coal
MO	Sioux	Mar, 1967	342	6,460,311	1,133,388	133	7,050,014	Coal
MO	South Harper Peaking Facility	Jun, 2005	1,141	135,937	23,849	815	181,864	Natural Gas
MO	Southwest	Jun, 1976	485	1,459,659	256,080	394	1,485,121	Coal
MO	St. Francis Power Plant	Jul, 1999	742	381,034	66,848	668	833,913	Natural Gas
MO	State Line (MO)	Jan, 2000	750	865,454	151,834	513	1,328,298	Natural Gas
MO	Thomas Hill Energy Center	Nov, 1966	336	7,640,899	1,340,509	106	7,328,489	Coal
MS	Attala Generating Plant	Mar, 2001	826	920,611	161,511	496	1,608,479	Natural Gas
MS	Batesville Generation Facility	Feb, 2000	753	939,015	164,740	493	1,858,080	Natural Gas
MS	Baxter Wilson	Jan, 1970	385	1,273,904	223,492	429	1,869,874	Natural Gas
MS	Caledonia	Mar, 2003	1,058	867,534	152,199	512	2,099,988	Natural Gas
MS	Chevron Cogenerating Station	May, 1994	659	415,977	72,978	655	509,182	Natural Gas
MS	Choctaw Gas Generation, LLC	Jun, 2006	1,161	390,333	68,480	664	834,187	Natural Gas
MS	Crossroads Energy Center (CPU)	Apr, 2002	951	12,118	2,126	1,097	17,250	Natural Gas
MS	Daniel Electric Generating Plant	Sep, 1977	499	9,375,199	1,644,772	73	9,451,929	Natural Gas
MS	Gerald Andrus	May, 1975	476	940,519	165,003	492	1,430,538	Residual Oil
MS	Hinds Energy Facility	Mar, 2001	823	505,968	88,766	617	866,600	Natural Gas
MS	Kemper County	Apr, 2002	965	47,295	8,297	959	65,230	Diesel
MS	Magnolia Facility	Dec, 2002	1,030	1,041,434	182,708	474	2,330,476	Natural Gas
MS	Moselle Generating Plant	Aug, 1970	406	197,644	34,674	766	299,326	Natural Gas



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MS	R D Morrow Senior Generating Plant	Apr, 1978	503	3,467,003	608,246	226	2,910,034	Coal
MS	Red Hills Generation Facility	Feb, 2001	812	4,130,718	724,687	187	2,359,262	Coal
MS	Rex Brown	Jan, 1948	24	183,045	32,113	778	181,945	Natural Gas
MS	RRI Energy Choctaw County Gen	Jun, 2003	1,078	91,202	16,000	877	139,733	Natural Gas
MS	Silver Creek Generating Plant	Oct, 2003	1,094	19,393	3,402	1,058	28,814	Natural Gas
MS	Southaven Combined Cycle	Mar, 2003	1,054	950,503	166,755	490	2,287,269	Natural Gas
MS	Sweatt Electric Generating Plant	May, 1951	66	15,635	2,743	1,071	27,689	Natural Gas
MS	Sylvarena Generating Plant	Apr, 2003	1,070	93,803	16,457	871	107,210	Natural Gas
MS	Watson Electric Generating Plant	Jun, 1957	177	4,998,135	876,866	157	5,111,553	Natural Gas
MT	Colstrip	Nov, 1975	481	19,382,298	3,400,403	9	17,222,282	Coal
MT	Glendive Generating Station	Jun, 2003	1,077	62,646	10,990	924	9,405	Natural Gas
MT	Hardin Generating Station	Apr, 2006	1,158	950,823	166,811	489	817,860	Coal
MT	J E Corette	Sep, 1968	363	1,522,728	267,145	384	1,257,002	Coal
MT	Lewis & Clark	Sep, 1958	207	501,258	87,940	619	342,353	Coal
NC	Asheville	May, 1964	300	2,583,740	453,288	275	2,742,837	Coal
NC	Belews Creek	Aug, 1974	465	13,339,822	2,340,320	37	15,722,656	Coal
NC	Buck	Jul, 1941	7	1,803,199	316,351	341	1,847,081	Coal
NC	Cape Fear	Dec, 1956	166	1,977,162	346,870	322	2,248,939	Coal
NC	Cliffside	Jul, 1940	5	4,199,413	736,739	183	4,335,757	Coal
NC	Craven County Wood Energy	Oct, 1990	600	563,708	98,896	591	416,947	Wood
NC	Dan River	Dec, 1949	48	1,230,600	215,895	436	1,139,134	Coal
NC	Elizabethtown Power	Jan, 1985	572	27,607	4,843	1,023	15,858	Coal
NC	G G Allen	Jun, 1957	175	6,949,546	1,219,219	120	7,389,772	Coal
NC	H F Lee Steam Electric Plant	May, 1951	65	2,501,476	438,855	277	2,703,506	Coal
NC	L V Sutton	Aug, 1954	127	3,267,479	573,242	240	3,210,329	Coal
NC	Lincoln	May, 1995	675	129,866	22,783	826	164,515	Diesel
NC	Lumberton Power	Jan, 1985	573	31,157	5,466	1,013	18,537	Coal
NC	Marshall	Mar, 1965	311	14,525,077	2,548,259	25	15,627,615	Coal
NC	Mayo	Dec, 1982	552	4,487,718	787,319	169	2,839,335	Coal
NC	NCEMC Anson Plant	Jan, 2007	1,165	69,916	12,266	908	105,659	Natural Gas
NC	NCEMC Hamlet Plant	Oct, 2007	1,175	13,554	2,378	1,083	19,342	Natural Gas
NC	Plant Rowan County	May, 2001	854	457,206	80,212	633	694,595	Natural Gas
NC	Richmond County Plant	Mar, 2001	827	1,279,081	224,400	425	1,863,280	Natural Gas
NC	Riverbend	Oct, 1952	92	2,390,418	419,372	286	2,406,854	Coal
NC	Rockingham County Combustion Turbine	May, 2000	782	210,399	36,912	755	329,095	Natural Gas
NC	Rosemary Power Station	Dec, 1990	601	55,379	9,716	939	70,356	Natural Gas
NC	Roxboro	May, 1966	329	14,399,402	2,526,211	26	13,450,660	Coal
NC	W H Weatherspoon	Sep, 1949	45	1,200,517	210,617	442	1,017,849	Coal
ND	Antelope Valley	Jul, 1984	566	7,923,701	1,390,123	100	6,957,780	Coal
ND	Coal Creek	Aug, 1979	519	10,141,763	1,779,257	64	9,262,539	Coal
ND	Coyote	May, 1981	537	3,847,819	675,056	203	3,200,659	Coal
ND	Leland Olds	Jan, 1966	327	5,204,974	913,153	153	4,767,132	Coal
ND	Milton R Young	Nov, 1970	411	5,315,208	932,493	149	4,921,894	Coal
ND	R M Heskett	Nov, 1963	291	682,083	119,664	561	541,941	Coal
ND	Stanton	May, 1967	348	1,563,756	274,343	374	978,061	Coal
NE	Beatrice	Oct, 2004	1,118	229,971	40,346	745	411,855	Natural Gas
NE	C W Burdick	Nov, 1971	427	12,783	2,243	1,092	15,641	Natural Gas
NE	Canaday	May, 1958	194	91,597	16,070	875	118,399	Natural Gas
NE	Cass County Station	Mar, 2003	1,050	79,733	13,988	895	115,684	Natural Gas
NE	Gerald Gentleman Station	Apr, 1979	514	10,684,738	1,874,515	56	9,481,269	Coal
NE	Gerald Whelan Energy Center	Jul, 1981	540	640,571	112,381	575	537,191	Coal
NE	Lon D Wright Power Plant	Jul, 1976	488	479,379	84,102	627	448,580	Coal
NE	Nebraska City Station	May, 1979	516	4,459,195	782,315	171	4,492,016	Coal
NE	North Omaha Station	Jul, 1954	125	3,842,084	674,050	204	3,629,878	Coal
NE	Platte	Aug, 1982	551	816,907	143,317	523	671,258	Coal
NE	Rokeyby	Nov, 1996	703	21,490	3,770	1,048	29,236	Natural Gas

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NE	Sarpy County Station	Jun, 1996	697	108,209	18,984	856	151,716	Natural Gas
NE	Sheldon	Jul, 1961	263	1,881,365	330,064	332	1,679,635	Coal
NE	Terry Bundy Generating Station	Aug, 2003	1,086	113,831	19,970	842	214,054	Natural Gas
NH	Granite Ridge Energy	Feb, 2003	1,046	1,191,488	209,033	445	1,820,720	Natural Gas
NH	Merrimack	Dec, 1960	253	3,726,216	653,722	213	3,464,009	Coal
NH	NAEA Newington Energy LLC	Jun, 2002	997	1,282,581	225,014	424	2,980,885	Natural Gas
NH	Newington	Jun, 1974	460	343,496	60,262	688	339,299	Residual Oil
NH	Schiller	Oct, 1952	91	1,301,733	228,374	419	1,049,335	Coal
NJ	AES Red Oak	Jun, 2002	993	1,097,069	192,468	464	1,702,490	Natural Gas
NJ	B L England	Oct, 1962	275	1,681,692	295,034	354	1,590,488	Coal
NJ	Bayonne Plant Holding, LLC	Sep, 1988	587	113,458	19,905	843	147,015	Natural Gas
NJ	Bergen	Jun, 1995	678	2,380,464	417,625	289	3,296,182	Natural Gas
NJ	Burlington Generating Station	May, 2000	770	137,877	24,189	810	222,506	Natural Gas
NJ	Camden Plant Holding, LLC	Mar, 1993	639	116,325	20,408	839	154,606	Natural Gas
NJ	Deepwater	Dec, 1954	136	521,754	91,536	608	551,934	Coal
NJ	Gilbert Generating Station	Jan, 1974	456	33,736	5,919	1,007	38,923	Natural Gas
NJ	Hudson Generating Station	Dec, 1964	306	2,618,709	459,423	274	2,312,404	Natural Gas
NJ	Kearny Generating Station	May, 2001	864	110,746	19,429	849	197,472	Natural Gas
NJ	Linden Cogeneration Facility	Nov, 2001	918	746,458	130,958	548	1,902,130	Natural Gas
NJ	Linden Generating Station	Jun, 1995	679	949,671	166,609	491	1,385,326	Natural Gas
NJ	Mercer Generating Station	Dec, 1960	254	3,282,313	575,844	238	3,211,154	Coal
NJ	Newark Bay Cogen	Sep, 1993	649	39,636	6,954	981	55,971	Natural Gas
NJ	North Jersey Energy Associates	Aug, 1991	613	401,171	70,381	660	602,123	Natural Gas
NJ	Ocean Peaking Power, LP	Jan, 2003	1,036	91,420	16,039	876	146,893	Natural Gas
NJ	Pedricktown Cogeneration Plant	Mar, 1992	622	80,554	14,132	894	145,071	Natural Gas
NJ	Sewaren Generating Station	Nov, 1948	32	122,919	21,565	832	145,046	Residual Oil
NJ	Sherman Avenue	May, 1991	608	936	164	1,162	50,563	Diesel
NJ	Sunoco Power Generation, LLC	May, 1991	609	170,947	29,991	784	298,720	Natural Gas
NM	Afton Generating Station	Oct, 2002	1,015	54,739	9,603	940	78,661	Natural Gas
NM	Bluffview Power Plant	May, 2005	1,132	199,131	34,935	765	413,524	Natural Gas
NM	Cunningham	Jul, 1957	178	958,990	168,244	487	1,459,100	Natural Gas
NM	Escalante	Dec, 1984	569	1,967,641	345,200	323	1,959,707	Coal
NM	Four Corners Steam Elec Station	May, 1963	284	15,084,774	2,646,452	23	15,700,442	Coal
NM	Lordsburg Generating Station	Jul, 2002	1,001	55,804	9,790	937	90,620	Natural Gas
NM	Luna Energy Facility	Dec, 2005	1,151	1,175,375	206,206	452	2,718,169	Natural Gas
NM	Maddox	Jul, 1967	351	295,937	51,919	714	499,373	Natural Gas
NM	Milagro Cogeneration and Gas Plant	Nov, 1995	688	444,025	77,899	643	919,449	Natural Gas
NM	Person Generating Project	May, 2000	771	5,301	930	1,140	9,452	Natural Gas
NM	Pyramid Generating Station	Feb, 2003	1,047	51,268	8,994	950	84,381	Natural Gas
NM	Reeves Generating Station	Oct, 1958	210	51,481	9,032	949	72,596	Natural Gas
NM	Rio Grande	Jan, 1957	170	445,862	78,221	639	702,165	Natural Gas
NM	San Juan	Nov, 1973	454	11,491,631	2,016,076	48	12,326,477	Coal
NV	Apex Generating Station	Mar, 2003	1,062	793,212	139,160	534	1,208,840	Natural Gas
NV	Chuck Lenzie Generating Station	Aug, 2005	1,146	2,946,053	516,851	254	6,977,940	Natural Gas
NV	El Dorado Energy	Apr, 2000	763	1,096,069	192,293	465	2,083,235	Natural Gas
NV	Fort Churchill	Oct, 1970	408	578,658	101,519	584	977,964	Natural Gas
NV	Harry Allen	Jul, 1995	685	47,937	8,410	957	68,549	Natural Gas
NV	Las Vegas Cogeneration II, LLC	Aug, 2002	1,011	326,434	57,269	697	524,060	Natural Gas
NV	North Valmy	Dec, 1981	543	3,695,051	648,255	216	3,612,055	Coal
NV	Reid Gardner	Apr, 1965	313	4,718,754	827,852	163	4,101,188	Coal
NV	Silverhawk	Jan, 2004	1,099	1,299,239	227,937	421	1,978,068	Natural Gas
NV	Sunrise	May, 1964	301	43,358	7,607	967	72,873	Natural Gas
NV	Tracy	Oct, 1970	409	840,170	147,398	517	1,414,101	Natural Gas
NV	Tri-Center Naniwa Energy	Jun, 2001	875	39,983	7,015	978	43,123	Natural Gas
NV	Walter M. Higgins III Generating Station	Sep, 2003	1,088	624,899	109,631	577	1,470,461	Natural Gas
NY	23rd and 3rd	Aug, 2001	897	108,501	19,035	855	177,713	Natural Gas

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NY	74th Street	Dec, 1978	511	332,984	58,418	693	300,276	Residual Oil
NY	AES Cayuga, LLC	Aug, 1955	154	2,370,486	415,875	291	2,480,090	Coal
NY	AES Greenidge	Apr, 1950	53	780,467	136,924	538	760,243	Coal
NY	AES Somerset (Kintigh )	Aug, 1984	567	5,289,504	927,983	151	5,917,056	Coal
NY	AES Westover (Goudey)	Oct, 1943	12	615,505	107,983	579	495,603	Coal
NY	AG - Energy	May, 1994	660	410	72	1,168	667	Natural Gas
NY	Allegany Station No. 133	Feb, 1996	690	38,380	6,733	986	81,437	Natural Gas
NY	Arthur Kill	Aug, 1959	231	975,883	171,207	486	1,533,633	Natural Gas
NY	Astoria Energy	Mar, 2006	1,156	1,398,139	245,288	404	3,747,571	Natural Gas
NY	Astoria Generating Station	Jan, 1953	95	1,648,461	289,204	360	2,266,494	Residual Oil
NY	Athens Generating Company	Apr, 2003	1,067	2,080,145	364,938	311	5,027,359	Natural Gas
NY	Batavia Energy	Sep, 1992	633	9,715	1,704	1,108	13,144	Natural Gas
NY	Bayswater Peaking Facility	Jul, 2002	1,002	57,398	10,070	935	83,175	Natural Gas
NY	Bethlehem Energy Center (Albany)	Mar, 2005	1,126	675,520	118,512	564	2,230,647	Natural Gas
NY	Bethpage Energy Center	Aug, 1989	592	240,941	42,270	739	471,725	Natural Gas
NY	Binghamton Cogen Plant	Jan, 1993	638	1,216	213	1,159	1,933	Natural Gas
NY	Bowline Generating Station	Sep, 1972	440	501,132	87,918	620	651,828	Other Oil
NY	Brentwood	Jul, 2001	892	60,493	10,613	930	107,700	Natural Gas
NY	Brooklyn Navy Yard Cogeneration	Mar, 1996	691	1,128,320	197,951	458	1,641,132	Natural Gas
NY	Carr Street Generating Station	Dec, 1993	653	27,831	4,883	1,022	42,969	Natural Gas
NY	Carthage Energy	Nov, 1991	618	13,299	2,333	1,088	26,081	Natural Gas
NY	Castleton Power, LLC	Sep, 1992	634	124,591	21,858	829	238,576	Natural Gas
NY	Charles Poletti	Mar, 1977	492	1,301,207	228,282	420	1,915,842	Diesel
NY	Dunkirk	Jan, 1950	50	3,664,079	642,821	219	3,645,934	Coal
NY	Dynegy Danskammer	Jan, 1951	61	2,746,225	481,794	265	2,702,823	Coal
NY	Dynegy Roseton	Sep, 1974	466	898,675	157,662	505	1,134,052	Residual Oil
NY	E F Barrett	Jan, 1956	159	923,028	161,935	495	1,466,620	Natural Gas
NY	East River	Sep, 1951	72	2,165,403	379,895	306	3,039,506	Natural Gas
NY	Equus Freeport Power Generating Station	Jul, 2004	1,116	71,123	12,478	904	117,957	Natural Gas
NY	Far Rockaway	Jan, 1953	96	166,158	29,150	788	265,093	Natural Gas
NY	Freeport Power Plant No. 2	Apr, 2004	1,110	35,050	6,149	1,000	56,343	Natural Gas
NY	Glenwood	Jan, 1952	77	149,392	26,209	799	226,097	Natural Gas
NY	Glenwood Landing Energy Center	Jun, 2002	987	75,591	13,262	900	136,298	Natural Gas
NY	Harlem River Yard	Jul, 2001	893	60,512	10,616	929	94,890	Natural Gas
NY	Hawkeye Energy Greenport, LLC	Jun, 2003	1,082	65,184	11,436	918	77,671	Diesel
NY	Hell Gate	Aug, 2001	898	66,668	11,696	914	106,617	Natural Gas
NY	Huntley Power	Jan, 1945	17	2,897,734	508,374	259	2,756,314	Coal
NY	Indeck-Corinth Energy Center	Jul, 1995	684	248,973	43,680	738	525,232	Natural Gas
NY	Indeck-Olean Energy Center	Jun, 1994	662	123,605	21,685	831	248,417	Natural Gas
NY	Indeck-Oswego Energy Center	May, 1990	596	13,535	2,375	1,084	25,907	Natural Gas
NY	Indeck-Silver Springs Energy Center	Jun, 1991	612	7,654	1,343	1,126	13,402	Natural Gas
NY	Indeck-Yerkes Energy Center	Jan, 1988	586	12,360	2,168	1,095	22,362	Natural Gas
NY	Independence	Aug, 1994	664	1,071,993	188,069	469	2,366,414	Natural Gas
NY	Lovett Generating Station	Mar, 1955	145	1,621,389	284,454	364	1,379,141	Coal
NY	Massena Energy Facility	Apr, 1993	640	7,155	1,255	1,131	8,398	Natural Gas
NY	Niagara Generation, LLC	Sep, 1991	614	254,676	44,680	736	192,323	Coal
NY	North 1st	Aug, 2001	901	70,610	12,388	906	120,189	Natural Gas
NY	Northport	Jan, 1967	339	4,036,116	708,090	191	5,808,634	Residual Oil
NY	Onondaga Cogeneration	Oct, 1993	651	4,157	729	1,146	6,337	Natural Gas
NY	Oswego Harbor Power	Jan, 1940	3	237,011	41,581	741	258,715	Residual Oil
NY	Pinelawn Power	Jun, 2005	1,140	168,116	29,494	786	286,883	Natural Gas
NY	Poletti 500 MW CC	Dec, 2005	1,152	1,425,843	250,148	399	3,422,494	Natural Gas
NY	Port Jefferson Energy Center	Jan, 1958	186	958,900	168,228	488	1,455,036	Natural Gas
NY	Pouch Terminal	Aug, 2001	900	89,585	15,717	884	155,585	Natural Gas
NY	PPL Edgewood Energy	Jul, 2002	1,005	113,043	19,832	845	195,999	Natural Gas

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NY	PPL Shoreham Energy	Jul, 2002	1,007	33,897	5,947	1,005	43,174	Diesel
NY	Project Orange Facility	Aug, 1992	632	152,146	26,692	796	250,964	Natural Gas
NY	Ravenswood Generating Station	Feb, 1963	279	2,911,690	510,823	256	4,603,310	Natural Gas
NY	Rensselaer Cogen	Apr, 1994	658	9,327	1,636	1,110	14,953	Natural Gas
NY	Richard M Flynn (Holtsville)	Apr, 1994	656	407,115	71,424	658	597,601	Natural Gas
NY	Rochester 7 - Russell Station	Dec, 1948	33	1,433,256	251,448	398	1,315,233	Coal
NY	S A Carlson	Dec, 1950	60	290,520	50,969	717	177,602	Coal
NY	Sterling Power Plant	Oct, 1991	616	3,521	618	1,148	4,949	Natural Gas
NY	Vernon Boulevard	Aug, 2001	899	69,979	12,277	907	119,045	Natural Gas
NY	WPS Syracuse Generation, LLC	Feb, 1994	655	33,890	5,946	1,006	72,262	Natural Gas
OH	AMP-Ohio Gas Turbines Bowling Green	Feb, 2001	810	509	89	1,165	570	Natural Gas
OH	AMP-Ohio Gas Turbines Galion	Jun, 2001	870	285	50	1,174	248	Natural Gas
OH	AMP-Ohio Gas Turbines Napoleon	Mar, 2001	820	334	59	1,170	410	Natural Gas
OH	Ashtabula	Jun, 1958	201	1,686,152	295,816	352	1,560,384	Coal
OH	Avon Lake Power Plant	Dec, 1949	47	2,979,805	522,773	250	3,078,474	Coal
OH	Bay Shore	Aug, 1955	155	4,753,101	833,877	162	4,295,681	Coal
OH	Cardinal	Feb, 1967	341	10,598,682	1,859,418	58	11,210,960	Coal
OH	Conesville	Oct, 1962	274	11,104,478	1,948,154	51	11,160,796	Coal
OH	Darby Electric Generating Station	May, 2001	849	64,367	11,292	921	86,642	Natural Gas
OH	Eastlake	Sep, 1953	109	7,858,316	1,378,652	102	8,539,104	Coal
OH	Frank M Tait Station	Jun, 1995	680	15,796	2,771	1,069	18,745	Natural Gas
OH	Gen J M Gavin	Oct, 1974	468	19,141,670	3,358,188	10	20,328,098	Coal
OH	Greenville Electric Gen Station	Jun, 2000	789	34,169	5,995	1,003	53,127	Natural Gas
OH	Hamilton Municipal Power Plant	Jun, 1974	461	392,544	68,867	662	301,909	Coal
OH	Hanging Rock Energy Facility	Apr, 2003	1,064	777,433	136,392	539	1,686,291	Natural Gas
OH	J M Stuart	Jun, 1970	402	14,268,967	2,503,327	27	16,065,476	Coal
OH	Killen Station	Jun, 1982	549	4,414,559	774,484	174	4,477,454	Coal
OH	Kyger Creek	Feb, 1955	144	6,857,137	1,203,006	122	7,368,604	Coal
OH	Lake Shore	Jun, 1962	270	1,422,268	249,521	400	1,299,188	Coal
OH	Madison Generating Station	May, 2000	781	156,708	27,493	791	192,026	Natural Gas
OH	Miami Fort Generating Station	Dec, 1949	49	7,151,743	1,254,692	116	7,399,485	Coal
OH	Muskingum River	Dec, 1953	111	8,050,570	1,412,381	97	8,904,666	Coal
OH	Niles	Jan, 1954	113	1,288,903	226,123	423	1,276,221	Coal
OH	O H Hutchings	Jul, 1948	29	749,495	131,490	546	691,412	Coal
OH	Omega JV2 Bowling Green	May, 2000	766	522	92	1,164	766	Natural Gas
OH	Omega JV2 Hamilton	May, 2000	767	426	75	1,167	603	Natural Gas
OH	Picway	Nov, 1955	156	501,705	88,018	618	384,201	Coal
OH	R E Burger	Jan, 1944	13	2,038,237	357,585	317	1,297,406	Coal
OH	Richard Gorsuch	Jul, 1951	68	1,778,480	312,014	343	1,488,696	Coal
OH	Richland Peaking Station	Mar, 2000	755	39,623	6,951	982	44,549	Natural Gas
OH	Robert P Mone	Jun, 2002	992	106,302	18,650	858	169,675	Natural Gas
OH	Rolling Hills Generating LLC	Mar, 2003	1,051	23,250	4,079	1,036	36,254	Natural Gas
OH	Tait Electric Generating Station	Apr, 2002	962	51,593	9,051	947	66,642	Natural Gas
OH	Troy Energy, LLC	Apr, 2002	957	58,083	10,190	934	87,723	Natural Gas
OH	W H Sannis	Jan, 1959	218	15,677,291	2,750,402	21	16,293,580	Coal
OH	W H Zimmer Generating Station	Mar, 1991	605	7,329,384	1,285,857	112	8,992,725	Coal
OH	Walter C Beckjord Generating Station	Jun, 1952	86	6,627,725	1,162,759	127	6,654,641	Coal
OH	Washington Energy Facility	Apr, 2002	969	316,592	55,542	700	697,108	Natural Gas
OH	Waterford Plant	Apr, 2003	1,066	268,868	47,170	731	413,384	Natural Gas
OH	West Lorain	Feb, 2001	815	45,941	8,060	963	58,968	Natural Gas
OH	Woodsdale	May, 1992	627	114,701	20,123	841	67,934	Natural Gas
OK	Anadarko	Oct, 1958	212	10,027	1,759	1,106	17,234	Natural Gas
OK	Chouteau Power Plant	Jun, 2000	790	799,269	140,223	532	1,858,614	Natural Gas
OK	Comanche (8059)	Jun, 1973	452	591,756	103,817	582	656,336	Natural Gas
OK	Grand River Dam Authority	Jan, 1982	544	8,381,481	1,470,435	88	7,499,358	Coal
OK	Green Country Energy, LLC	Oct, 2001	916	1,313,024	230,355	416	3,127,094	Natural Gas



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OK	Horseshoe Lake	Apr, 1958	191	792,177	138,978	535	1,219,585	Natural Gas
OK	Hugo	Apr, 1982	548	3,544,815	621,897	223	3,158,228	Coal
OK	McClain Energy Facility	Mar, 2001	828	1,360,007	238,598	409	2,138,791	Natural Gas
OK	Mooreland	Mar, 1964	296	151,147	26,517	798	254,659	Natural Gas
OK	Muskogee	May, 1956	161	9,191,321	1,612,512	78	9,367,369	Coal
OK	Mustang	May, 1950	54	602,832	105,760	580	1,037,489	Natural Gas
OK	Northeastern	Jun, 1970	404	8,562,036	1,502,112	87	9,155,307	Coal
OK	Oneta Energy Center	Jun, 2002	988	889,882	156,120	506	2,003,803	Natural Gas
OK	Ponca	Oct, 1977	500	45,440	7,972	964	87,952	Natural Gas
OK	Redbud Power Plant	Apr, 2003	1,068	1,332,897	233,841	414	3,000,410	Natural Gas
OK	Riverside (4940)	Jun, 1974	462	1,344,122	235,811	411	2,226,891	Natural Gas
OK	Seminole (2956)	Mar, 1971	418	2,483,797	435,754	278	3,744,365	Natural Gas
OK	Sooner	Nov, 1979	522	7,030,959	1,233,501	119	6,891,814	Coal
OK	Southwestern	Jan, 1970	386	454,242	79,692	634	764,908	Natural Gas
OK	Spring Creek Power Plant	May, 2001	847	67,203	11,790	911	103,243	Natural Gas
OK	Tenaska Kiamichi Generating Station	Nov, 2002	1,020	2,381,684	417,839	288	5,738,323	Natural Gas
OK	Tulsa	Jan, 1970	387	305,196	53,543	708	432,115	Natural Gas
OR	Boardman	Apr, 1980	525	4,813,294	844,438	161	4,618,225	Coal
OR	Coyote Springs	Nov, 1995	689	1,311,337	230,059	417	2,636,207	Natural Gas
OR	Hermiston	Jul, 1996	698	1,471,990	258,244	391	2,292,208	Natural Gas
OR	Hermiston Power Plant	Apr, 2002	963	1,328,586	233,085	415	3,156,740	Natural Gas
OR	Klamath Cogeneration Project	May, 2001	857	1,040,574	182,557	475	2,575,710	Natural Gas
OR	Klamath Energy LLC	May, 2002	972	15,846	2,780	1,068	26,590	Natural Gas
OR	Port Westward	Jun, 2007	1,172	747,238	131,094	547	1,744,433	Natural Gas
PA	AES Ironwood	Jul, 2001	888	1,050,916	184,371	473	1,552,841	Natural Gas
PA	Allegheny Energy Hunlock Unit 4	Dec, 2000	808	21,690	3,805	1,046	38,052	Natural Gas
PA	Allegheny Energy Unit 1 and Unit 2	Nov, 1999	748	48,744	8,552	955	83,337	Natural Gas
PA	Allegheny Energy Unit 8 and Unit 9	Sep, 2000	804	24,118	4,231	1,031	45,016	Natural Gas
PA	Allegheny Energy Units 3, 4 & 5	Jul, 2003	1,084	269,451	47,272	728	410,840	Natural Gas
PA	Armstrong Energy Ltd Part	Apr, 2002	959	52,985	9,296	945	69,225	Natural Gas
PA	Armstrong Power Station	Jan, 1958	187	2,195,757	385,221	301	2,273,217	Coal
PA	Bethlehem Power Plant	Aug, 2002	1,010	883,159	154,940	508	1,224,797	Natural Gas
PA	Bruce Mansfield	Dec, 1975	482	17,387,361	3,050,414	16	19,370,630	Coal
PA	Brunner Island	Jun, 1961	262	9,380,958	1,645,782	72	10,988,383	Coal
PA	Brunot Island Power Station	Jun, 1973	449	23,116	4,055	1,038	9,118	Natural Gas
PA	Chambersburg Units 12 and 13	Dec, 2001	924	76,215	13,371	898	127,504	Natural Gas
PA	Cheswick	Dec, 1970	413	2,903,425	509,373	257	3,085,749	Coal
PA	Conemaugh	May, 1970	397	12,124,919	2,127,179	44	13,744,914	Coal
PA	Cromby	Jan, 1954	114	1,062,055	186,325	472	925,240	Coal
PA	Eddystone Generating Station	Jan, 1959	219	3,855,827	676,461	202	3,416,656	Coal
PA	Elrama	Jun, 1952	84	2,343,388	411,121	293	2,231,618	Coal
PA	Fairless Energy, LLC	Feb, 2004	1,101	1,582,337	277,603	370	3,790,411	Natural Gas
PA	Fayette Energy Facility	Mar, 2003	1,056	303,637	53,270	710	655,396	Natural Gas
PA	FPL Energy Marcus Hook, LP	Jun, 2004	1,113	1,084,798	190,315	466	1,636,246	Natural Gas
PA	Grays Ferry Cogen Partnership	Jan, 1998	716	208,660	36,607	757	288,057	Natural Gas
PA	Handsome Lake Energy	Jun, 2001	878	104,308	18,300	860	140,811	Natural Gas
PA	Hatfields Ferry Power Station	Jan, 1969	365	10,173,499	1,784,824	63	11,031,147	Coal
PA	Hazleton Generation	Mar, 2002	940	7,373	1,293	1,130	10,781	Natural Gas
PA	Homer City	Jun, 1969	371	13,576,987	2,381,928	34	14,522,853	Coal
PA	Hunlock Power Station	Jan, 1959	220	356,647	62,570	681	293,312	Coal
PA	Hunterstown Combined Cycle	Apr, 2002	952	530,540	93,077	602	813,358	Natural Gas
PA	Keystone	Jun, 1967	349	11,898,614	2,087,476	45	13,007,877	Coal
PA	Liberty Electric Power Plant	Mar, 2002	946	750,646	131,692	545	1,171,925	Natural Gas
PA	Lower Mount Bethel Energy	Nov, 2003	1,097	550,914	96,652	595	1,291,050	Natural Gas
PA	Martins Creek	Aug, 1954	128	1,670,459	293,063	356	1,730,438	Coal

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PA	Mitchell Power Station	Jan, 1948	25	908,845	159,446	502	952,495	Diesel
PA	Montour	Nov, 1971	428	9,252,615	1,623,266	76	10,599,354	Coal
PA	Mt. Carmel Cogeneration	Sep, 1990	599	525,415	92,178	606	312,481	Coal
PA	New Castle	Jun, 1952	85	1,570,507	275,528	372	1,544,709	Coal
PA	North East Cogeneration Plant	Dec, 1991	619	14,124	2,478	1,080	23,749	Natural Gas
PA	Ontelaunee Energy Center	Nov, 2002	1,018	498,388	87,436	623	1,218,025	Natural Gas
PA	PEI Power Power Corporation	May, 2001	860	21,503	3,772	1,047	36,760	Natural Gas
PA	Portland	Oct, 1958	211	2,384,956	418,413	287	2,400,962	Coal
PA	Schuylkill	Jul, 1958	205	81,024	14,215	893	86,025	Residual Oil
PA	Seward	Mar, 2004	1,104	3,731,174	654,592	212	2,621,827	Coal
PA	Shawville	Jun, 1954	122	3,577,585	627,646	222	3,718,110	Coal
PA	Sunbury	Aug, 1949	44	2,724,661	478,011	268	1,910,219	Coal
PA	Titus	Jun, 1951	67	1,481,640	259,937	389	1,480,982	Coal
PA	WPS Westwood Generation, LLC	Jan, 1987	582	307,963	54,029	705	175,787	Coal
RI	Manchester Street	Jun, 1995	683	682,136	119,673	560	915,510	Natural Gas
RI	Pawtucket Power Associates, LP	Feb, 1991	603	18,642	3,271	1,060	36,033	Natural Gas
RI	Rhode Island State Energy Partners	Jul, 2002	1,008	1,187,053	208,255	448	2,882,700	Natural Gas
RI	Tiverton Power	Feb, 2000	752	529,381	92,874	604	1,235,575	Natural Gas
SC	Broad River Energy Center	May, 2000	765	482,138	84,586	626	738,866	Natural Gas
SC	Canadys Steam	Apr, 1962	265	2,391,407	419,545	284	2,449,289	Coal
SC	Cherokee County Cogen	Jul, 1998	718	109,891	19,279	851	151,958	Natural Gas
SC	Columbia Energy Center (SC)	Mar, 2004	1,103	184,779	32,417	776	484,733	Natural Gas
SC	Cope Station	Mar, 1996	692	3,280,935	575,603	239	3,478,666	Coal
SC	Cross	May, 1984	563	13,443,593	2,358,525	36	13,379,076	Coal
SC	Darlington County	Jun, 1997	708	91,055	15,974	879	110,841	Natural Gas
SC	Dolphus M Grainger	Jun, 1966	332	976,788	171,366	485	926,014	Coal
SC	H B Robinson	May, 1960	244	1,189,008	208,598	447	1,250,919	Coal
SC	Hagood	Jan, 1991	602	27,438	4,814	1,024	31,164	Natural Gas
SC	Jasper County Generating Facility	Nov, 2003	1,095	995,999	174,737	481	1,487,032	Natural Gas
SC	Jefferies	Jan, 1954	115	2,168,444	380,429	305	1,945,683	Coal
SC	John S. Rainey Generating Station	Dec, 2001	926	573,467	100,608	587	788,143	Natural Gas
SC	McMeekin	Jan, 1958	188	1,467,091	257,384	392	1,680,962	Coal
SC	Mill Creek Combustion Turbine Sta	Dec, 2002	1,028	144,033	25,269	803	192,977	Natural Gas
SC	Urquhart	Jan, 1955	141	1,209,994	212,280	441	1,423,174	Natural Gas
SC	W S Lee	Jul, 1951	70	1,656,246	290,569	357	1,669,868	Coal
SC	Wateree	Jan, 1970	388	3,984,995	699,122	194	4,598,326	Coal
SC	Williams	Jan, 1973	445	3,487,115	611,775	225	4,110,529	Coal
SC	Winyah	Mar, 1975	471	8,608,578	1,510,277	85	8,261,697	Coal
SD	Angus Anson	Sep, 1994	666	227,833	39,971	746	286,882	Natural Gas
SD	Big Stone	May, 1975	474	2,947,753	517,150	252	2,605,306	Coal
SD	Groton Generating Station	Jun, 2006	1,163	37,787	6,629	991	79,868	Natural Gas
SD	Huron	May, 1993	642	7,947	1,394	1,123	7,522	Natural Gas
SD	Lange	May, 2002	978	19,681	3,453	1,057	33,338	Natural Gas
TN	Allen	Nov, 1958	215	5,476,954	960,869	144	5,850,026	Coal
TN	Brownsville CT	Jun, 1999	735	39,897	7,000	979	58,011	Natural Gas
TN	Bull Run	Apr, 1967	345	6,768,029	1,187,374	124	6,979,099	Coal
TN	Cumberland	Apr, 1972	436	17,957,234	3,150,392	14	18,100,379	Coal
TN	Gallatin	Oct, 1956	165	8,007,616	1,404,845	98	7,875,145	Coal
TN	Gleason Generating Facility	May, 2000	776	46,031	8,076	962	71,152	Natural Gas
TN	John Sevier	Jun, 1955	152	4,887,748	857,500	159	5,168,777	Coal
TN	Johnsonville	Oct, 1951	74	9,356,114	1,641,424	74	8,894,715	Coal
TN	Kingston	Jan, 1954	116	10,945,350	1,920,237	53	10,842,625	Coal
TN	Lagoon Creek	Apr, 2001	833	226,782	39,786	747	312,280	Diesel
TX	AES Deepwater, Inc.	Jun, 1986	579	1,275,301	223,737	428	1,040,758	Petroleum Coke
TX	Alex Ty Cooke Generating Station	Mar, 1965	310	82,456	14,466	891	110,756	Natural Gas

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TX	Barney M. Davis	Jun, 1974	463	187,496	32,894	774	294,422	Natural Gas
TX	Bastrop Clean Energy Center	Jan, 2002	932	1,035,992	181,753	476	1,414,175	Natural Gas
TX	Baytown Energy Center	Jun, 2002	989	2,168,880	380,505	304	4,415,443	Natural Gas
TX	Big Brown	Dec, 1971	431	9,956,682	1,746,786	65	9,090,236	Coal
TX	Blackhawk Station	Aug, 1998	722	1,200,012	210,528	443	1,793,119	Natural Gas
TX	Bosque County Power Plant	Jun, 2000	787	406,490	71,314	659	593,577	Natural Gas
TX	Brazos Valley Energy, LP	Jan, 2003	1,037	1,212,102	212,649	440	2,814,037	Natural Gas
TX	C E Newman	Oct, 1963	287	777	136	1,163	572	Natural Gas
TX	C. R. Wing Cogeneration Plant	Oct, 2003	1,092	352,689	61,875	684	652,506	Natural Gas
TX	Calpine Hidalgo Energy Center	Apr, 2000	761	790,296	138,648	537	1,161,542	Natural Gas
TX	Cedar Bayou	Dec, 1970	414	1,190,360	208,835	446	1,975,343	Natural Gas
TX	Channel Energy Center	Jul, 2001	881	1,688,035	296,146	351	3,547,654	Other Gas
TX	Channelview Cogeneration Facility	Jul, 2001	895	3,114,717	546,442	246	7,541,675	Natural Gas
TX	Coletto Creek	Jun, 1980	529	4,384,926	769,285	175	4,395,901	Coal
TX	Colorado Bend Energy Center	Feb, 2002	937	131,245	23,026	821	278,182	Natural Gas
TX	Corpus Christi Energy Center	Oct, 2001	911	1,517,944	266,306	386	3,567,702	Natural Gas
TX	Cottonwood Energy Project	Nov, 2002	1,016	1,630,355	286,027	362	3,602,685	Natural Gas
TX	Decker Creek	Jul, 1971	422	685,921	120,337	559	1,110,280	Natural Gas
TX	Decordova	May, 1975	475	104,962	18,414	859	159,506	Natural Gas
TX	Deer Park Energy Center	Nov, 2002	1,017	4,057,253	711,799	190	9,675,374	Natural Gas
TX	Eastman Cogeneration Facility	Apr, 2001	839	1,288,960	226,133	422	2,301,756	Natural Gas
TX	Ennis-Tractebel Power Company	Sep, 2001	908	714,833	125,409	553	1,743,250	Natural Gas
TX	Exelon Laporte Generating Station	Jun, 2001	874	23,350	4,096	1,033	31,889	Natural Gas
TX	Exxonmobil Beaumont Refinery	Dec, 2004	1,120	1,815,560	318,519	339	4,352,554	Natural Gas
TX	FPLE Forney, LP	Feb, 2003	1,042	3,700,278	649,172	215	5,705,952	Natural Gas
TX	Freestone Power Generation	Mar, 2002	950	1,808,739	317,323	340	2,556,870	Natural Gas
TX	Frontera Generation Facility	Jul, 1999	741	1,033,988	181,401	477	1,432,628	Natural Gas
TX	Gibbons Creek Steam Electric Station	Oct, 1983	558	3,524,022	618,249	224	3,611,185	Coal
TX	Graham	Dec, 1960	255	563,508	98,861	592	845,181	Natural Gas
TX	Greens Bayou	Jun, 1973	451	154,164	27,046	792	210,235	Natural Gas
TX	Gregory Power Facility	Jan, 2000	751	1,877,652	329,413	333	4,411,502	Natural Gas
TX	Guadalupe Generating Station	Dec, 2000	809	1,849,954	324,553	335	2,653,559	Natural Gas
TX	H W Pirkey Power Plant	Dec, 1984	570	5,738,749	1,006,798	141	5,171,260	Coal
TX	Handley Generating Station	Apr, 1948	27	216,619	38,003	750	298,077	Natural Gas
TX	Hardin County Peaking Facility	Jul, 2001	880	1,186	208	1,160	1,664	
TX	Harrington Station	Jul, 1976	487	8,265,848	1,450,149	89	7,810,504	Coal
TX	Harrison County Power Project	Jul, 2003	1,083	563,032	98,777	593	1,280,272	Natural Gas
TX	Hays Energy Project	Jun, 2001	872	1,571,224	275,653	371	2,323,198	Natural Gas
TX	Holly Street	Jun, 1966	333	271,244	47,587	727	400,394	Natural Gas
TX	J K Spruce	Dec, 1992	637	4,560,391	800,069	165	4,270,895	Coal
TX	J Robert Massengale Generating Station	Sep, 2000	803	100,811	17,686	864	211,428	Natural Gas
TX	J T Deely	Aug, 1977	497	7,682,305	1,347,773	104	5,602,197	Coal
TX	Jack County Generation Facility	Oct, 2005	1,148	1,543,765	270,836	379	3,690,636	Natural Gas
TX	Johnson County Generation Facility	Aug, 1996	701	642,277	112,680	573	1,339,376	Natural Gas
TX	Jones Station	Jul, 1971	423	1,180,501	207,105	450	1,955,556	Natural Gas
TX	Knox Lee Power Plant	Nov, 1950	59	255,739	44,866	735	391,658	Natural Gas
TX	Lake Creek	Apr, 1953	102	51,011	8,949	951	74,253	Natural Gas
TX	Lake Hubbard	Jun, 1970	403	417,941	73,323	654	626,119	Natural Gas
TX	Lamar Power (Paris)	May, 2000	764	2,018,715	354,161	320	3,651,819	Natural Gas
TX	Laredo	May, 1951	64	547,240	96,007	597	858,552	Natural Gas
TX	Leon Creek	May, 1953	104	78,398	13,754	897	126,345	Natural Gas
TX	Lewis Creek	Dec, 1970	415	1,256,425	220,425	434	1,865,503	Natural Gas
TX	Limestone	Dec, 1985	576	14,223,953	2,495,430	28	14,410,512	Coal
TX	Lone Star Power Plant	Jan, 1970	389	4,813	844	1,142	7,731	Natural Gas

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TX	Lost Pines 1	Mar, 2001	825	1,392,680	244,330	405	2,088,214	Natural Gas
TX	Magic Valley Generating Station	Jul, 2001	894	1,271,133	223,006	430	3,410,429	Natural Gas
TX	Martin Lake	May, 1977	494	21,821,564	3,828,345	5	19,460,251	Coal
TX	Midlothian Energy	May, 2000	773	2,968,562	520,800	251	6,885,474	Natural Gas
TX	Monticello	Dec, 1974	470	18,300,186	3,210,559	12	16,432,427	Coal
TX	Moore County Station	Jul, 1954	126	65,593	11,508	915	46,186	Natural Gas
TX	Morgan Creek	Jun, 1959	228	4,643	815	1,143	6,337	Natural Gas
TX	Mountain Creek Generating Station	Dec, 1945	18	280,522	49,214	720	405,102	Natural Gas
TX	Mustang Station	Apr, 1999	726	1,122,456	196,922	459	2,355,535	Natural Gas
TX	Mustang Station Units 4 and 5	Feb, 2006	1,154	110,721	19,425	850	172,833	Natural Gas
TX	New Gulf Power Facility	Apr, 1996	695	9,018	1,582	1,115	11,256	Natural Gas
TX	Newman	Jan, 1958	189	1,304,205	228,808	418	1,844,915	Natural Gas
TX	Nichols Station	Jul, 1960	249	848,973	148,943	515	1,351,502	Natural Gas
TX	North Lake	Dec, 1959	234	131,590	23,086	820	205,150	Natural Gas
TX	O W Sommers	Jun, 1972	437	1,009,428	177,093	478	1,461,212	Natural Gas
TX	Odessa-Ector Generating Station	Apr, 2001	843	1,966,865	345,064	324	2,718,016	Natural Gas
TX	Oklunion Power Station	Dec, 1986	581	4,555,053	799,132	166	4,473,120	Coal
TX	Optim Energy Altura Cogen, LLC	Oct, 1985	575	2,065,947	362,447	316	3,141,160	Natural Gas
TX	Paris Energy Center	Jun, 1989	590	214,808	37,686	753	348,282	Natural Gas
TX	Pasadena Power Plant	Jul, 1998	719	1,558,282	273,383	375	4,414,306	Natural Gas
TX	Permian Basin	Jun, 1958	198	253,080	44,400	737	341,050	Natural Gas
TX	Plant X	May, 1952	82	900,391	157,963	504	1,424,136	Natural Gas
TX	Power Lane Steam Plant	Jan, 1969	366	9,325	1,636	1,111	9,818	Natural Gas
TX	Quail Run Energy Center	Apr, 2007	1,168	153,371	26,907	793	325,520	Natural Gas
TX	R W Miller	Oct, 1968	364	233,416	40,950	744	342,749	Natural Gas
TX	Ray Olinger	Oct, 1963	288	206,744	36,271	759	317,082	Natural Gas
TX	Rio Nogales Power Project, LP	Apr, 2002	953	1,116,749	195,921	462	2,241,307	Natural Gas
TX	Roland C. Dansby Power Plant	Sep, 1978	507	214,111	37,563	754	342,495	Natural Gas
TX	Sabine	Jan, 1970	390	2,947,678	517,136	253	4,738,875	Natural Gas
TX	Sabine Cogeneration Facility	Nov, 1999	749	472,970	82,977	628	523,578	Natural Gas
TX	Sam Bertron	Mar, 1958	190	190,723	33,460	772	312,784	Natural Gas
TX	Sam Rayburn Plant	Oct, 2003	1,093	359,469	63,065	678	513,580	Natural Gas
TX	Sam Seymour	Jun, 1979	517	13,297,420	2,332,881	38	12,823,490	Coal
TX	San Jacinto County Peaking Facility	Jul, 2001	885	1,519	266	1,156	2,115	
TX	San Jacinto Steam Electric Station	Apr, 1995	674	791,487	138,857	536	974,395	Natural Gas
TX	San Miguel	Jan, 1982	545	3,589,409	629,721	221	3,041,014	Coal
TX	Sand Hill Energy Center	Mar, 2001	819	795,356	139,536	533	1,906,017	Natural Gas
TX	Sandow	May, 1981	539	5,413,397	949,719	146	4,830,430	Coal
TX	Silas Ray	Dec, 1996	704	34,032	5,971	1,004	45,500	Natural Gas
TX	Sim Gideon	May, 1965	318	682,035	119,655	562	1,076,743	Natural Gas
TX	South Houston Green Power Site	Sep, 2003	1,091	2,446,589	429,226	281	1,540,648	Natural Gas
TX	Spencer	Oct, 1963	289	58,106	10,194	933	74,518	Natural Gas
TX	SRW Cogen Limited Partnership	Jul, 2001	889	1,725,591	302,735	348	3,348,645	Natural Gas
TX	Stryker Creek	Jun, 1958	200	527,995	92,631	605	827,830	Natural Gas
TX	Sweeny Cogeneration Facility	Aug, 1997	710	2,629,647	461,342	273	3,689,327	Natural Gas
TX	Sweetwater Generating Plant	Jun, 1989	591	141,748	24,868	804	238,704	Natural Gas
TX	T C Ferguson	May, 1974	458	511,964	89,818	612	816,383	Natural Gas
TX	Tenaska Frontier Generation Station	May, 2000	769	1,896,991	332,805	329	4,731,507	Natural Gas
TX	Tenaska Gateway Generating Station	Apr, 2001	837	1,732,104	303,878	347	4,059,234	Natural Gas
TX	Tolk Station	Jul, 1982	550	7,638,638	1,340,112	108	7,537,506	Coal
TX	Tradinghouse	Apr, 1970	394	280,221	49,162	721	425,689	Natural Gas
TX	Trinidad	May, 1965	319	56,550	9,921	936	77,009	Natural Gas
TX	Twin Oaks	Sep, 1990	598	2,738,265	480,397	266	2,623,615	Coal
TX	V H Braunig	Jun, 1966	334	1,191,776	209,083	444	1,146,146	Natural Gas
TX	Valley (TXU)	Nov, 1962	277	174,798	30,666	782	248,291	Natural Gas



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TX	W A Parish	Jun, 1958	199	20,949,613	3,675,371	6	21,342,018	Coal
TX	W B Tuttle	Jun, 1954	123	13,599	2,386	1,082	18,793	Natural Gas
TX	Welsh Power Plant	Mar, 1977	493	11,798,412	2,069,897	46	10,963,432	Coal
TX	Wilkes Power Plant	Jan, 1970	391	714,620	125,372	554	1,134,114	Natural Gas
TX	Wise County Power Company	Sep, 2003	1,090	1,154,981	202,628	455	2,586,494	Natural Gas
TX	Wolf Hollow I, LP	Apr, 2003	1,072	1,546,941	271,393	377	2,305,556	Natural Gas
UT	Bonanza	Dec, 1985	577	4,083,840	716,463	189	3,635,490	Coal
UT	Carbon	Nov, 1954	133	1,536,505	269,562	380	1,434,467	Coal
UT	Currant Creek Power Project	Mar, 2005	1,125	1,439,112	252,476	397	3,681,175	Natural Gas
UT	Gadsby	Sep, 1951	73	483,433	84,813	625	705,083	Natural Gas
UT	Hunter	Jun, 1978	505	10,431,321	1,830,056	61	10,320,272	Coal
UT	Huntington	Jul, 1974	464	7,223,031	1,267,198	114	7,568,444	Coal
UT	Intermountain	Jul, 1986	580	15,694,058	2,753,344	20	15,371,980	Coal
UT	Lake Side Power Plant	May, 2007	1,171	512,426	89,899	611	1,370,541	Natural Gas
UT	Millcreek Power	Apr, 2006	1,157	24,919	4,372	1,028	41,946	Natural Gas
UT	Nebo Power Station	Jun, 2004	1,114	303,700	53,281	709	708,770	Natural Gas
UT	West Valley Generation Project	Oct, 2001	912	444,928	78,058	641	683,985	Natural Gas
VA	Altavista Power Station	Feb, 1992	620	447,469	78,503	638	325,242	Coal
VA	Bellemeade Power Station	Mar, 1991	604	222,270	38,995	748	388,547	Natural Gas
VA	Bremo Power Station	Jun, 1950	56	1,534,214	269,160	381	1,582,334	Coal
VA	Buchanan -- Units 1 and 2	Jul, 2002	1,003	46,203	8,106	960	80,125	Natural Gas
VA	Chesapeake Energy Center	Apr, 1953	101	4,183,816	734,003	184	4,127,472	Coal
VA	Chesterfield Power Station	Nov, 1952	93	8,728,350	1,531,289	84	9,494,715	Coal
VA	Clinch River	Sep, 1958	209	3,788,437	664,638	207	4,314,563	Coal
VA	Clover Power Station	Jan, 1995	671	7,360,175	1,291,259	111	7,173,277	Coal
VA	Commonwealth Chesapeake	Aug, 2000	802	43,208	7,580	968	51,231	Diesel
VA	Doswell Limited Partnership	Mar, 2001	824	65,046	11,412	920	94,412	Natural Gas
VA	Elizabeth River Combustion Turbine Sta	Jun, 1992	629	111,075	19,487	847	145,710	Natural Gas
VA	Glen Lyn	Jun, 1944	15	1,654,470	290,258	358	1,611,812	Coal
VA	Gordonsville Power Station	Jun, 1994	661	234,824	41,197	743	447,847	Natural Gas
VA	Hopewell Power Station	Jul, 1992	631	375,630	65,900	671	248,337	Coal
VA	Ladysmith Combustion Turbine Sta	May, 2001	858	132,663	23,274	818	207,316	Natural Gas
VA	Louisa Generation Facility	Mar, 2003	1,057	167,768	29,433	787	237,682	Natural Gas
VA	Marsh Run Generation Facility	Jun, 2004	1,115	191,502	33,597	770	281,133	Natural Gas
VA	Mecklenburg Power Station	Nov, 1992	636	914,092	160,367	498	741,284	Coal
VA	Mirant Potomac River	Oct, 1946	19	1,776,053	311,588	344	1,600,625	Coal
VA	Possum Point Power Station	May, 1955	151	1,605,715	281,704	368	3,111,380	Natural Gas
VA	Remington Combustion Turbine Station	Jul, 2000	797	117,007	20,528	838	180,111	Natural Gas
VA	Southampton Power Station	Mar, 1992	621	500,942	87,885	621	364,566	Coal
VA	Tenaska Virginia Generating Station	Dec, 2003	1,098	823,601	144,491	522	2,063,926	Natural Gas
VA	Wolf Hills Energy	May, 2001	848	140,131	24,584	807	209,765	Natural Gas
VA	Yorktown Power Station	Jun, 1957	176	2,834,974	497,364	262	3,050,770	Coal
VT	J C McNeil	Jun, 1984	565	470,815	82,599	629	316,808	Wood
WA	Centralia	Dec, 1972	443	10,472,231	1,837,233	59	9,312,408	Coal
WA	Chehalis Generation Facility	Jun, 2003	1,079	834,108	146,335	518	1,292,530	Natural Gas
WA	Encogen Generating Station	Jul, 1993	645	94,207	16,528	870	131,381	Natural Gas
WA	Finley Combustion Turbine	Nov, 2001	917	316	55	1,171	415	Natural Gas
WA	Frederickson Power LP	Aug, 2002	1,012	384,033	67,374	667	916,771	Natural Gas
WA	Fredonia Generating Station	Jul, 2001	884	13,151	2,307	1,090	19,674	Natural Gas
WA	Goldendale Generating Station	Jul, 2004	1,117	327,504	57,457	695	562,318	Natural Gas
WA	River Road	Dec, 1997	715	640,904	112,439	574	1,559,022	Natural Gas
WI	Alma	Sep, 1957	182	807,439	141,656	526	840,318	Coal
WI	Bay Front	Jul, 1952	89	565,192	99,157	590	385,363	Wood
WI	Blount Street	Dec, 1938	2	273,621	48,004	726	2,031,208	Coal
WI	Columbia	Mar, 1975	472	8,198,904	1,438,404	90	7,744,524	Coal

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WI	Combined Locks Energy Center, LLC	Apr, 2002	954	39,271	6,890	984	78,441	Natural Gas
WI	Concord	Jul, 1993	646	145,814	25,581	802	181,066	Natural Gas
WI	Depere Energy Center	Jun, 1999	733	48,619	8,530	956	71,368	Natural Gas
WI	DTE Stoneman, LLC	May, 1949	40	78,813	13,827	896	66,430	Coal
WI	Edgewater (4050)	Jul, 1951	69	5,403,713	948,020	147	5,046,739	Coal
WI	Elk Mound Generating Station	May, 2001	859	22,902	4,018	1,040	30,985	Natural Gas
WI	Fox Energy Company LLC	Apr, 2005	1,131	170,257	29,870	785	438,007	Natural Gas
WI	Genoa	Jul, 1969	372	2,204,412	386,739	300	2,360,109	Coal
WI	Germantown Power Plant	May, 2000	768	34,254	6,009	1,002	43,980	Natural Gas
WI	Island Street Peaking Plant	Apr, 2004	1,107	25,795	4,525	1,026	40,534	Natural Gas
WI	J P Madgett	Nov, 1979	523	2,731,480	479,207	267	2,667,126	Coal
WI	Manitowoc	Jun, 1957	174	742,790	130,314	550	501,742	Coal
WI	Neenah Energy Facility	Apr, 2000	759	72,452	12,711	903	108,284	Natural Gas
WI	Nelson Dewey	Apr, 1959	224	1,710,358	300,063	349	1,305,597	Coal
WI	Paris	Mar, 1995	672	87,194	15,297	885	105,850	Natural Gas
WI	Pleasant Prairie	Jul, 1980	531	9,487,843	1,664,534	71	8,540,832	Coal
WI	Port Washington Generating Station	Jul, 2005	1,143	807,155	141,606	527	1,889,098	Natural Gas
WI	Pulliam	Jan, 1943	10	2,913,320	511,109	255	2,519,081	Coal
WI	Riverside Energy Center, LLC	Mar, 2004	1,105	587,824	103,127	583	1,458,405	Natural Gas
WI	Rock River	Jan, 1952	78	29,010	5,090	1,017	35,639	Natural Gas
WI	Rockgen Energy Center	Feb, 2001	813	64,108	11,247	922	93,066	Natural Gas
WI	Sheboygan Falls Energy Facility	May, 2005	1,134	25,113	4,406	1,027	37,946	Natural Gas
WI	South Fond Du Lac	May, 1993	643	65,234	11,445	916	64,175	Natural Gas
WI	South Oak Creek	Dec, 1959	233	6,580,984	1,154,559	131	6,136,793	Coal
WI	Valley (WEPCO)	Jun, 1968	358	1,889,394	331,473	330	1,428,220	Coal
WI	West Campus Cogeneration Facility	Apr, 2005	1,130	131,662	23,099	819	260,720	Natural Gas
WI	West Marinette	Apr, 1993	641	92,186	16,173	874	120,875	Natural Gas
WI	Weston	Dec, 1954	137	3,173,658	556,782	243	2,922,022	Coal
WI	Whitewater Cogeneration Facility	Mar, 1997	706	507,231	88,988	615	1,259,242	Natural Gas
WV	Albright Power Station	Jan, 1952	79	1,610,136	282,480	367	1,481,481	Coal
WV	Big Sandy Peaker Plant	Jun, 2001	869	121,755	21,361	833	218,150	Natural Gas
WV	Ceredo Generating Station	Apr, 2001	835	96,656	16,957	866	134,305	Natural Gas
WV	Fort Martin Power Station	Jan, 1967	340	6,726,767	1,180,135	126	7,237,707	Coal
WV	Harrison Power Station	Jan, 1972	434	13,570,101	2,380,720	35	14,609,661	Coal
WV	John E Amos	Sep, 1971	425	17,418,609	3,055,896	15	19,576,801	Coal
WV	Kammer	Jul, 1958	204	3,991,447	700,254	193	4,235,693	Coal
WV	Kanawha River	Jul, 1953	106	2,182,018	382,810	303	2,361,046	Coal
WV	Mitchell (WV)	May, 1971	421	9,033,512	1,584,827	80	9,414,785	Coal
WV	Mount Storm Power Station	Sep, 1965	324	10,700,711	1,877,318	55	10,762,194	Coal
WV	Mountaineer (1301)	Sep, 1980	533	9,846,831	1,727,514	68	10,094,196	Coal
WV	North Branch Power Station	May, 1992	626	771,565	135,362	541	552,059	Coal
WV	Phil Sporn	Jan, 1950	51	6,153,309	1,079,528	135	6,572,030	Coal
WV	Pleasants Energy, LLC	Dec, 2001	927	8,513	1,494	1,119	18,026	Natural Gas
WV	Pleasants Power Station	Jan, 1979	512	7,471,146	1,310,727	110	8,602,328	Coal
WV	Rivesville Power Station	Jan, 1944	14	349,501	61,316	686	270,579	Coal
WV	Willow Island Power Station	Jan, 1949	36	799,862	140,327	530	740,786	Coal
WY	Dave Johnston	Nov, 1958	214	7,570,888	1,328,226	109	6,207,237	Coal
WY	Jim Bridger	Nov, 1974	469	16,045,976	2,815,084	18	16,053,535	Coal
WY	Laramie River	Jun, 1980	528	14,978,559	2,627,817	24	13,232,063	Coal
WY	Naughton	May, 1963	285	6,101,930	1,070,514	137	5,594,647	Coal
WY	Neil Simpson II	Jun, 1995	681	927,282	162,681	494	817,066	Coal
WY	Neil Simpson II (CT2)	May, 2001	861	12,597	2,210	1,093	21,208	Natural Gas
WY	Wygen I	Jan, 2003	1,040	912,154	160,027	499	782,324	Coal
WY	Wyodak	Sep, 1978	508	3,416,990	599,472	230	3,154,001	Coal

