Preliminary MACT Floor Analyses for Wood and Non-Fossil, and Coal Boilers

History:

- At the June Boiler WG meeting, EPA presented a preliminary MACT floor analysis for each of the fossil, wood, and non-fossil subcategories.

Current Status:

- The following sections contain preliminary MACT floor analyses for each of the boiler subcategories. The analyses are based on the control device rankings posted as a work in progress.

- This preliminary analysis is based on control device technology rankings. A more rigorous analysis will need to be performed on control techniques to establish a floor based on this methodology. MACT floor analyses based on emissions and State regulations will be completed in the near future.

Notes:

- If a boiler is controlled by multiple devices, the boiler was counted with the higher ranked control device.

- The control device hierarchy was developed based on the control technology rankings posted as a work in progress. If a control combination and a single control had the same ranking, the control combination was assumed to more effectively control HAP emissions. If two or more single control devices had the same ranking, information from Table I-2 of the control ranking work in progress was used to distinguish the better control (e.g., if one of the controls within a control group was ranked lower than the others in that group, the overall ranking of that group was lowered when developing the hierarchy). If that method did not help to differentiate two or more equally ranked controls, the overall control efficiencies across the other HAP groups (organics, mercury, inorganics, and metals) was analyzed to determine the higher ranked control.

- The fossil fuel preliminary MACT floor analysis was based on version 3.0 of the ICCR inventory database. A preliminary MACT floor analysis was done for each of the 17 fossil fuel subcategories. The percentage of boilers in a subcategory with a particular control device was based on the number of boilers with control information. There are boilers in the inventory database that have no data to specify whether they are controlled or uncontrolled. Therefore, there may be a larger number of boilers in the subcategory, but the more conservative approach of using only the known population was chosen.

This analysis did not include any boilers co-firing non-fossil materials with fossil fuels. It should be noted that preliminary MACT floor analyses have also been performed for petroleum coke boilers (unknown boiler type), subbituminous coal boilers (unknown boiler type), and other fossil fuel units. These three boiler groups are not listed as subcategories in the work in progress on subcategories, but are included in this analysis because the boilers in these groups do not fit into the other defined subcategories.

- The wood preliminary MACT floor analyses were developed from the ICR survey version 2.0 database using boilers burning >50% wood in combination with fossil fuels. No boilers co-firing non-fossil materials with wood were included in this analysis.

- The Section 112 non-fossil fuel preliminary MACT floor analysis was based on the ICR survey version 2.0 database and the ICCR inventory version 3.0 database. The only data used from the inventory database was for bagasse boilers because bagasse boilers are not fully represented in the survey database. The potential Section 112 and Section 129 designations were based on preliminary guidance from EPA staff and these analyses assume no de minimis level for potential Section 129 materials. The potential Section 129 non-fossil preliminary MACT floor analysis was based on the survey database and includes all boilers burning any percentage of non-fossil fuels preliminarily identified as Section 129 materials. These potential Section 129 boilers were divided into liquid-fired and solid-fired units. If a boiler burns both liquid and solid potential Section 129 fuels, it is classified as a solid-fired boiler.

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Pulverized Coal or Cyclone Boilers Burning	0.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Petroleum Coke Fuel[1]	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
7 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
7 boilers with control information	0.00%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	0.00%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	0.00%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	**% of Boilers Controlled**	**Control Device**	**% of Boilers Controlled**	**Control Device**	**% of Boilers Controlled**	**Control Device**	**% of Boilers Controlled**	**Control Device**
Pulverized Coal or Cyclone Units Burning	0.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Anthracite Coal	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	1.79%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			1.79%	Wet Injection/Fabric Filter
97 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
56 boilers with control information	1.79%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	1.79%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	3.57%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	0.00%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	1.79%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Pulverized Coal or Cyclone Units Burning	0.43%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Bituminous Coal	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
273 boilers	1.28%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			1.28%	Dry Injection/Fabric Filter
235 boilers with control information	5.53%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.85%	Dry Injection/ESP
	8.09%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.85%	Dry Injection/ESP	1.28%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	38.72%	ESP	0.85%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	2.13%	Cyclone	0.43%	Scrubber General				
	0.43%	Scrubber General	0.43%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	8.09%	Cyclone/ESP				
	0.00%	Gas Absorber	5.53%	Fabric Filter				
	0.00%	Wet Injection	2.13%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Pulverized Coal or Cyclone Units Burning	4.38%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Subbituminous Coal	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	1.55%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
473 boilers	1.80%	Dry Injection/Fabric Filter	0.52%	Cyclone/ESP/Acid Gas Scrubber			1.80%	Dry Injection/Fabric Filter
388 boilers with control information	12.89%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.52%	Acid Gas Scrubber/ESP
	0.52%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.52%	Dry Injection/ESP
	11.86%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.52%	Dry Injection/ESP	1.80%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	23.45%	ESP	0.52%	Dry Injection/ESP				
	4.38%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.52%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	4.38%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.52%	Venturi Scrubber				
	5.15%	Cyclone	4.12%	Scrubber General				
	2.32%	Scrubber General	4.38%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	11.86%	Cyclone/ESP				
	0.00%	Gas Absorber	12.37%	Fabric Filter				
	0.00%	Wet Injection	5.15%	Cyclone				
	0.00%	Dry Injection						

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Subcategory	Metals		Inorganic		Organic		Mercury	
	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Pulverized Coal or Cyclone Units Burning	0.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Lignite Coal	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	17.78%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
51 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
45 boilers with control information	0.00%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			11.11%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	11.11%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	11.11%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	31.11%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	2.22%	Venturi Scrubber				
	2.22%	Cyclone	4.44%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	0.00%	Fabric Filter				
	0.00%	Wet Injection	2.22%	Cyclone				
	0.00%	Dry Injection						

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	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Mass-Fired Boilers Burning	1.69%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Anthracite Coal	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
74 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
59 boilers with control information	3.39%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	18.64%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	1.69%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	3.39%	Fabric Filter				
	0.00%	Wet Injection	18.64%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	**% of Boilers Controlled**	**Control Device**	**% of Boilers Controlled**	**Control Device**	**% of Boilers Controlled**	**Control Device**	**% of Boilers Controlled**	**Control Device**
Mass-Fired Boilers Burning	4.65%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Bituminous Coal	0.13%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	3.86%	GCP	0.13%	Acid Gas Scrubber/Fabric Filter
	0.40%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.40%	Wet Injection/Fabric Filter
1245 boilers	0.13%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.40%	Dry Injection/Fabric Filter
752 boilers with control information	8.51%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	3.19%	Cyclone/ESP	0.40%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.40%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	5.72%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	19.41%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	4.39%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	3.19%	Cyclone/ESP				
	0.00%	Gas Absorber	8.51%	Fabric Filter				
	0.00%	Wet Injection	19.41%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Mass-Fired Boilers Burning	6.22%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Subbituminous Coal	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.43%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
1456 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.09%	Dry Injection/Fabric Filter
1158 boilers with control information	8.12%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.09%	Cyclone/ESP/Venturi or Scrubber General	0.35%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.09%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	2.16%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.35%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.43%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.09%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	6.13%	ESP	0.00%	Dry Injection/ESP				
	0.95%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.09%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.95%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	34.11%	Cyclone	1.21%	Scrubber General				
	1.21%	Scrubber General	6.13%	Cyclone/Fabric Filter				
	0.09%	Acid Gas Scrubber	2.16%	Cyclone/ESP				
	0.00%	Gas Absorber	8.12%	Fabric Filter				
	0.00%	Wet Injection	34.11%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Mass-Fired Boilers Burning	16.67%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Lignite Coal	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
22 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
18 boilers with control information	11.11%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	16.67%	ESP	0.00%	Dry Injection/ESP				
	11.11%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	11.11%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	44.44%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	16.67%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	11.11%	Fabric Filter				
	0.00%	Wet Injection	44.44%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	**% of Boilers Controlled**	**Control Device**	**% of Boilers Controlled**	**Control Device**	**% of Boilers Controlled**	**Control Device**	**% of Boilers Controlled**	**Control Device**
Fluidized Bed Boilers Burning	0.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Petroleum Coke Fuel[1]	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
0 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	0.00%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	0.00%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	0.00%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Fluidized Bed Boilers Burning	0.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Anthracite Coal	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
0 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
0 boilers with control information	0.00%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	0.00%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	0.00%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Fluidized Bed Boilers Burning	6.25%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Bituminous Coal	3.13%	Acid Gas Scrubber/Fabric Filter	3.13%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	3.13%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
56 boilers	18.75%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			25.00%	Dry Injection/Fabric Filter
32 boilers with control information	12.50%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	3.13%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	25.00%	Dry Injection/Fabric Filter			3.13%	Dry Injection
	6.25%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	3.13%	Dry Injection				
	9.38%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	12.50%	Venturi Scrubber				
	0.00%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	3.13%	Cyclone/ESP				
	0.00%	Gas Absorber	9.38%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Fluidized Bed Boilers Burning	0.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Subbituminous Coal	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
0 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	0.00%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	0.00%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	0.00%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Fluidized Bed Boilers Burning	0.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Lignite Coal	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
0 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	0.00%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	0.00%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	0.00%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Petroleum Coke Boilers	4.17%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Unknown Boiler Type	4.17%	Acid Gas Scrubber/Fabric Filter	4.17%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	4.17%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
34 boilers	12.50%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			12.50%	Dry Injection/Fabric Filter
24 boilers with control information	8.33%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			4.17%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	4.17%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	4.17%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	12.50%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	8.33%	ESP	0.00%	Dry Injection/ESP				
	4.17%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	4.17%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	16.67%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	4.17%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	8.33%	Fabric Filter				
	0.00%	Wet Injection	16.67%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	**% of Boilers Controlled**	**Control Device**	**% of Boilers Controlled**	**Control Device**	**% of Boilers Controlled**	**Control Device**	**% of Boilers Controlled**	**Control Device**
Subbituminous Coal Boilers	7.69%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Unknown Boiler Type	3.85%	Acid Gas Scrubber/Fabric Filter	3.85%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	3.85%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			7.69%	Wet Injection/Fabric Filter
33 boilers	7.69%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			7.69%	Dry Injection/Fabric Filter
26 boilers with control information	11.54%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	3.85%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	7.69%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			3.85%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	7.69%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	0.00%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	3.85%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	11.54%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.A. Fossil Fuel - Preliminary Analysis of Control Levels for Coal Boilers (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Other Fossil Fuel Units[2]	2.39%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
404 boilers	2.39%	Acid Gas Scrubber/Fabric Filter	2.39%	Acid Gas Scrubber/Fabric Filter	0.48%	GCP	2.39%	Acid Gas Scrubber/Fabric Filter
209 boilers with control information	7.18%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			8.61%	Wet Injection/Fabric Filter
	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	17.22%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.48%	Acid Gas Scrubber/ESP			0.48%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.48%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	2.39%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	1.44%	Cyclone/ESP	8.61%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.48%	Acid Gas Scrubber/ESP	0.48%	Wet Injection/ESP			2.39%	Acid Gas Scrubber
	0.48%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	16.75%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	30.62%	Cyclone	2.39%	Scrubber General				
	1.44%	Scrubber General	0.96%	Cyclone/Fabric Filter				
	2.39%	Acid Gas Scrubber	1.44%	Cyclone/ESP				
	0.00%	Gas Absorber	17.22%	Fabric Filter				
	0.00%	Wet Injection	30.62%	Cyclone				
	0.00%	Dry Injection						

[1] The solid fossil fuel subcategories are based on boiler types and then separated further by fuel types. The boiler types are pulverized coal or cyclones, mass-fired boilers, and fluidized bed boilers. Within these three boiler types, the fuels were divided into petroleum coke, low ash and/or low moisture (anthracite and bituminous), and high ash and/or high moisture (subbituminous and lignite).

[2] 'Other Fossil' includes boilers with SCCs too general to be classified into a specific boiler type or fuel type (such as an SCC description of 'other fossil fuel')

Table VI.B. Wood - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Dry Wood	1.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	14.38%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
598 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	0.84%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.33%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.84%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	1.34%	ESP	0.00%	Dry Injection/ESP				
	1.67%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.33%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	1.67%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	62.21%	Cyclone	1.17%	Scrubber General				
	1.00%	Scrubber General	1.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.84%	Cyclone/ESP				
	0.00%	Gas Absorber	0.84%	Fabric Filter				
	0.00%	Wet Injection	62.21%	Cyclone				
	0.00%	Dry Injection						

Table VI.B. Wood - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Timber	0.33%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	11.04%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
491 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	0.33%	Fabric Filter	0.17%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	12.54%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.17%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	1.84%	ESP	0.00%	Dry Injection/ESP				
	12.21%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.84%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	12.04%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	1.00%	Venturi Scrubber				
	35.28%	Cyclone	2.68%	Scrubber General				
	2.68%	Scrubber General	0.33%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	12.54%	Cyclone/ESP				
	0.00%	Gas Absorber	0.33%	Fabric Filter				
	0.00%	Wet Injection	35.28%	Cyclone				
	0.00%	Dry Injection						

Table VI.B. Wood - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Treated Wood	0.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	18.18%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
11 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	0.00%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Gas Absorber	9.09%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	18.18%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			9.09%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	27.27%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	18.18%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	9.09%	Acid Gas Scrubber	18.18%	Cyclone/ESP				
	0.00%	Gas Absorber	0.00%	Fabric Filter				
	0.00%	Wet Injection	18.18%	Cyclone				
	0.00%	Dry Injection						

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
>70% Fossil or Non-Fossil Gas with	0.00%	Gas Absorber	0.00%	Acid Gas Scrubber/Fabric Filter	18.30%	GCP	0.00%	Carbon Adsorption
Other Gases	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/ESP	0.00%	Carbon Adsorption	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Acid Gas Scrubber/ESP	0.00%	Acid Gas Scrubber			0.00%	Acid Gas Scrubber/ESP
153 boilers	0.00%	Acid Gas Scrubber	0.00%	Wet Injection/Fabric Filter			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/Fabric Filter	0.00%	Wet Injection/ESP			0.00%	Wet Injection/Fabric Filter
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection/ESP
	0.00%	Dry Injection/Fabric Filter	0.00%	Gas Absorber			0.00%	Dry Injection/Fabric Filter
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection/ESP
	0.00%	Wet Injection	0.00%	Dry Injection/ESP			0.00%	Wet Injection
	0.00%	Dry Injection	0.00%	Dry Injection			0.00%	Dry Injection

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
>70% Fossil Gas with Non-Fossil	0.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Solids or Liquids	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	30.00%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
10 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	0.00%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	10.00%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	0.00%	Fabric Filter				
	0.00%	Wet Injection	10.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
>70% Liquid Fossi Fuel with Non-Fossil Solids or Liquids 4 boilers	0.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	0.00%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	0.00%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	0.00%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
>70% Bagasse	0.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
141 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	0.71%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.71%	ESP	0.00%	Dry Injection/ESP				
	41.13%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	1.42%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	41.13%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	1.42%	Venturi Scrubber				
	21.28%	Cyclone	34.04%	Scrubber General				
	34.04%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	0.71%	Fabric Filter				
	0.00%	Wet Injection	21.28%	Cyclone				
	0.00%	Dry Injection						

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
>70% Biomass	9.09%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
11 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	27.27%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	9.09%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	18.18%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	18.18%	Cyclone	9.09%	Scrubber General				
	9.09%	Scrubber General	9.09%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	9.09%	Cyclone/ESP				
	0.00%	Gas Absorber	27.27%	Fabric Filter				
	0.00%	Wet Injection	18.18%	Cyclone				
	0.00%	Dry Injection						

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
>70% Solid Fossil Fuel with Non-Fossil Material Fired in a Stoker 3 boilers	0.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	66.67%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	33.33%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	66.67%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	0.00%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	66.67%	Cyclone/ESP				
	0.00%	Gas Absorber	33.33%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
>70% Solid Fossil Fuel with Non-Fossil	0.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Material Fired in a Pulverized Coal Boiler	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
8 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	12.50%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	75.00%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	0.00%	Cyclone	12.50%	Scrubber General				
	12.50%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	12.50%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
>70% Solid Fossil Fuel with Non-Fossil	0.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Material Fired in Other Boiler Type	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
0 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	0.00%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.00%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	0.00%	ESP	0.00%	Dry Injection/ESP				
	0.00%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	0.00%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	0.00%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.00%	Cyclone/ESP				
	0.00%	Gas Absorber	0.00%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
>70% Section 112 Wood with Other	7.69%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
Non-Fossil Material	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
13 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	0.00%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	15.38%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	15.38%	ESP	0.00%	Dry Injection/ESP				
	46.15%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	53.85%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	7.69%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	7.69%	Cyclone/ESP				
	0.00%	Gas Absorber	7.69%	Fabric Filter				
	0.00%	Wet Injection	7.69%	Cyclone				
	0.00%	Dry Injection						

Table VI.C. Non-Fossil Fuel - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
Section 112 Mixed Feed	0.00%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	8.89%	GCP	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
45 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	4.44%	Fabric Filter	2.22%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	11.11%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			2.22%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	13.33%	ESP	2.22%	Dry Injection/ESP				
	8.89%	Cyclone/Venturi or Scrubber General	4.44%	Dry Injection				
	11.11%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	4.44%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	11.11%	Venturi Scrubber				
	0.00%	Cyclone	0.00%	Scrubber General				
	0.00%	Scrubber General	0.00%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	8.89%	Cyclone/ESP				
	0.00%	Gas Absorber	4.44%	Fabric Filter				
	0.00%	Wet Injection	0.00%	Cyclone				
	0.00%	Dry Injection						

Table VI.C. Non-Fossil - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
129 Mixed Feed Solids	4.97%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Carbon Adsorption	0.00%	Carbon Adsorption
	0.93%	Acid Gas Scrubber/Fabric Filter	0.93%	Acid Gas Scrubber/Fabric Filter	16.15%	GCP	0.93%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
322 boilers	2.80%	Dry Injection/Fabric Filter	0.93%	Cyclone/ESP/Acid Gas Scrubber			2.80%	Dry Injection/Fabric Filter
	4.97%	Fabric Filter	0.93%	Cyclone/Acid Gas Scrubber			0.93%	Cyclone/ESP/Acid Gas Scrubber
	1.55%	Cyclone/ESP/Venturi or Scrubber General	0.62%	Acid Gas Scrubber/ESP			0.62%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.00%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Gas Absorber	0.31%	Acid Gas Scrubber			0.31%	Dry Injection/ESP
	23.29%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.93%	Cyclone/Acid Gas Scrubber
	0.62%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.31%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.31%	Dry Injection/ESP	2.80%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	23.29%	ESP	0.31%	Dry Injection/ESP				
	11.80%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	4.35%	Venturi Scrubber	0.62%	Cyclone/ESP/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	10.87%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Gas Absorber	4.04%	Venturi Scrubber				
	21.12%	Cyclone	4.97%	Scrubber General				
	4.66%	Scrubber General	4.97%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	23.29%	Cyclone/ESP				
	0.00%	Gas Absorber	4.97%	Fabric Filter				
	0.00%	Wet Injection	21.12%	Cyclone				
	0.00%	Dry Injection						

Table VI.C. Non-Fossil - Preliminary Analysis of Control Levels (Controls in each subcategory are listed from most control to least based on control technology rankings)

	Metals		Inorganic		Organic		Mercury	
Subcategory	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device	% of Boilers Controlled	Control Device
129 Mixed Feed Liquids	0.31%	Cyclone/Fabric Filter	0.00%	Cyclone/ESP/Gas Absorber	9.94%	GCP	0.00%	Carbon Adsorption
	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Acid Gas Scrubber/Fabric Filter	0.00%	Carbon Adsorption	0.00%	Acid Gas Scrubber/Fabric Filter
	0.00%	Wet Injection/Fabric Filter	0.00%	Cyclone/Gas Absorber			0.00%	Wet Injection/Fabric Filter
153 boilers	0.00%	Dry Injection/Fabric Filter	0.00%	Cyclone/ESP/Acid Gas Scrubber			0.00%	Dry Injection/Fabric Filter
	1.86%	Fabric Filter	0.00%	Cyclone/Acid Gas Scrubber			0.00%	Cyclone/ESP/Acid Gas Scrubber
	0.00%	Cyclone/ESP/Venturi or Scrubber General	0.00%	Acid Gas Scrubber/ESP			0.00%	Acid Gas Scrubber/ESP
	0.00%	Cyclone/ESP/Acid Gas Scrubber	0.62%	Gas Absorber			0.00%	Wet Injection/ESP
	0.00%	Cyclone/ESP/Gas Absorber	0.00%	Acid Gas Scrubber			0.00%	Dry Injection/ESP
	0.93%	Cyclone/ESP	0.00%	Wet Injection/Fabric Filter			0.00%	Cyclone/Acid Gas Scrubber
	0.00%	Acid Gas Scrubber/ESP	0.00%	Wet Injection/ESP			0.00%	Acid Gas Scrubber
	0.00%	Wet Injection/ESP	0.00%	Wet Injection			0.00%	Wet Injection
	0.00%	Dry Injection/ESP	0.00%	Dry Injection/Fabric Filter			0.00%	Dry Injection
	4.66%	ESP	0.00%	Dry Injection/ESP				
	2.48%	Cyclone/Venturi or Scrubber General	0.00%	Dry Injection				
	0.00%	Venturi Scrubber	0.00%	Cyclone/ESP/Venturi or Scrubber General				
	3.73%	Scrubber General	2.48%	Cyclone/Venturi or Scrubber General				
	0.00%	Cyclone/Acid Gas Scrubber	3.73%	Scrubber General				
	0.00%	Cyclone/Gas Absorber	0.00%	Venturi Scrubber				
	4.04%	Cyclone	0.31%	Cyclone/Fabric Filter				
	0.00%	Acid Gas Scrubber	0.93%	Cyclone/ESP				
	0.62%	Gas Absorber	1.86%	Fabric Filter				
	0.00%	Wet Injection	4.04%	Cyclone				
	0.00%	Dry Injection						