

## **Mercury Installation List**

ICAC's Mercury Control Division developed a database of mercury control reagent and sorbent feed systems based on results from a voluntary survey of ICAC members in which the members identified specific installations along with each power plant's likely mercury control strategy. The database has certain limitations in that not every technology supplier is an ICAC member and not all member companies contributed to the database, however a picture emerges of technologies that are being widely applied to coal-based units, 398 (181 GW) of which are captured in the database.

Unit Size (MW)	Coal	Hg Control 1	Hg Control 2	Hg Control 3
376	Other	ACI		
175	Blend	ACI		
185	Blend	ACI		
720	Blend	ACI		
884	Blend	ACI		
723	Lignite	ACI		
110	PRB	ACI		
84	PRB	ACI		
220	PRB	ACI		
131	PRB	ACI		
305	PRB	ACI		
425	PRB	ACI		
890	Blend	ACI		
913	Blend	ACI		
360	PRB	ACI		
365	PRB	ACI		
838	PRB	ACI		
740	Blend	ACI		
755	Blend	ACI		
933	Blend	ACI		
933	Blend	ACI		
115	App	ACI		
115	App	ACI		
115	App	ACI		
520	App	ACI		
110	PRB	ACI		
272	PRB	ACI		
375	PRB	ACI		
463	ILB	ACI		
255	ILB	ACI		
445	ILB	ACI		
580	ILB	ACI		
584	ILB	ACI		
264	PRB	ACI		
50	PRB	ACI		
148	PRB	ACI		
765	PRB	ACI		
850	PRB	ACI		
531	PRB	ACI		
212	PRB	ACI		
58	PRB	ACI		
126	PRB	ACI		
396	PRB	ACI		
82	PRB	ACI		
145	PRB	ACI		
109	Blend	ACI		

275	PRB	ACI
281	PRB	ACI
869	Blend	ACI
269	Blend	ACI
293	Blend	ACI
161	Blend	ACI
163	Blend	ACI
174	Blend	ACI
157	Blend	ACI
331	Blend	ACI
465	Blend	ACI
540	Blend	ACI
371	PRB	ACI
580	PRB	ACI
61	PRB	ACI
84	PRB	ACI
337	App	ACI
660	App	ACI
343	App	ACI
343	App	ACI
250	Lignite	ACI
477	Lignite	ACI
150	PRB	ACI
655	App	ACI
655	App	ACI
690	PRB	ACI
700	PRB	ACI
613	PRB	ACI
650	PRB	ACI
630	Blend	ACI
630	Blend	ACI
20	Other	ACI
30	Other	ACI
428	PRB	ACI
366	PRB	ACI
575	PRB	ACI
374	PRB	ACI
112	PRB	ACI
112	PRB	ACI
235	PRB	ACI
361	PRB	ACI
426	PRB	ACI
629	PRB	ACI
620	PRB	ACI
674	PRB	ACI
677	PRB	ACI
920	Blend	ACI

920	Blend	ACI
616	PRB	ACI
613	PRB	ACI
726	PRB	ACI
870	PRB	ACI
790	PRB	ACI
786	PRB	ACI
783	PRB	ACI
537	Blend	ACI
536	Blend	ACI
935	PRB	ACI
682	PRB	ACI
495	PRB	ACI
404	PRB	ACI
165	Blend	ACI
850	Blend	ACI
850	Blend	ACI
850	Blend	ACI
550	Blend	ACI
352	Blend	ACI
352	Blend	ACI
360	PRB	ACI
360	PRB	ACI
360	PRB	ACI
550	PRB	ACI
550	PRB	ACI
300	PRB	ACI
536	PRB	ACI
805	PRB	ACI
682	PRB	ACI
592	PRB	ACI
566	PRB	ACI
560	PRB	ACI
560	PRB	ACI
560	PRB	ACI
448	Lignite	ACI
427	PRB	ACI
430	PRB	ACI
450	PRB	ACI
83	PRB	ACI
79	PRB	ACI
282	Lignite	ACI
282	Lignite	ACI
250	Lignite	ACI
250	Lignite	ACI
119	PRB	ACI
242	PRB	ACI

800	PRB	ACI		
422	PRB	ACI		
925	PRB	ACI		
334	App	ACI		
334	App	ACI		
275	App	Carbon Based Sorbent		
275	App	Carbon Based Sorbent		
435	Lignite	Carbon Based Sorbent		
435	Lignite	Carbon Based Sorbent		
623	PRB	Carbon Based Sorbent		
634	PRB	Carbon Based Sorbent		
634	PRB	Carbon Based Sorbent		
140	App	Carbon Based Sorbent		
261	Wbit	Carbon Based Sorbent		
560	PRB	Carbon Based Sorbent	Boiler oxidant	
685	App	Carbon Based Sorbent		
685	App	Carbon Based Sorbent		
399	PRB	Carbon Based Sorbent		
446	PRB	Carbon Based Sorbent		
363	App	Non-carbon based sorbent		
405	App	Non-carbon based sorbent		
790	App	Non-carbon based sorbent		
155	PRB	Carbon Based Sorbent		
167	PRB	Carbon Based Sorbent		
570	Wbit	Carbon Based Sorbent		
190	App	Carbon Based Sorbent		
209	App	Carbon Based Sorbent		
201	Wbit	Carbon Based Sorbent		
114	PRB	Carbon Based Sorbent	Boiler oxidant	
114	PRB	Carbon Based Sorbent	Boiler oxidant	
230	PRB	Carbon Based Sorbent	Boiler oxidant	
360	PRB	Carbon Based Sorbent	Boiler oxidant	
100	App	Carbon Based Sorbent		
96	PRB	Carbon Based Sorbent		
96	PRB	Carbon Based Sorbent		
218	PRB	Carbon Based Sorbent		
218	PRB	Carbon Based Sorbent		
557	PRB	Carbon Based Sorbent		
557	PRB	Carbon Based Sorbent		
557	PRB	Carbon Based Sorbent		
557	PRB	Carbon Based Sorbent		
520	PRB	Carbon Based Sorbent		
100	Other	Carbon Based Sorbent		
488	PRB	Carbon Based Sorbent		
50	Other	Carbon Based Sorbent		
50	Other	Carbon Based Sorbent		
50	Other	Carbon Based Sorbent		

100	PRB	Carbon Based Sorbent		
217	PRB	Carbon Based Sorbent		
560	PRB	Carbon Based Sorbent	Boiler oxidant	
578	PRB	Carbon Based Sorbent	Boiler oxidant	
575	PRB	Carbon Based Sorbent	Boiler oxidant	
560	PRB	Carbon Based Sorbent	Boiler oxidant	
893	PRB	Carbon Based Sorbent		
893	PRB	Carbon Based Sorbent		
570	Lignite	Carbon Based Sorbent		
550	Lignite	Carbon Based Sorbent		
550	Lignite	Carbon Based Sorbent		
50	Other	Carbon Based Sorbent		
650	App	Carbon Based Sorbent		
355	PRB	Carbon Based Sorbent		
355	PRB	Carbon Based Sorbent		
463	PRB	Carbon Based Sorbent		
544	PRB	Carbon Based Sorbent		
165	Wbit	Carbon Based Sorbent	Boiler oxidant	
220	Wbit	Carbon Based Sorbent	Boiler oxidant	
800	Wbit	Carbon Based Sorbent		
800	Wbit	Carbon Based Sorbent		
891	PRB	Carbon Based Sorbent		
891	PRB	Carbon Based Sorbent		
891	PRB	Carbon Based Sorbent		
891	PRB	Carbon Based Sorbent		
50	App	Carbon Based Sorbent		
50	App	Carbon Based Sorbent		
566	PRB	Carbon Based Sorbent		
750	App	Carbon Based Sorbent		
136	App	Carbon Based Sorbent		
359	App	Carbon Based Sorbent		
112	PRB	Carbon Based Sorbent		
388	PRB	Carbon Based Sorbent		
362	PRB	Carbon Based Sorbent	Boiler oxidant	
160	PRB	carbon based sorbent		
167	App	carbon based sorbent		
90	App	carbon based sorbent		
90	App	carbon based sorbent		
165	App	carbon based sorbent		
420	App	carbon based sorbent		
348	WBit	carbon based sorbent		
329	WBit	carbon based sorbent		
575	WBit	carbon based sorbent		
575	WBit	carbon based sorbent		
480	PRB	carbon based sorbent		
440	PRB	carbon based sorbent		
199		boiler additive		

668	boiler additive	WFGD additive
668	boiler additive	WFGD additive
668	boiler additive	WFGD additive
668	boiler additive	WFGD additive
668	boiler additive	WFGD additive
512	boiler additive	WFGD additive
512	boiler additive	WFGD additive
1426	boiler additive	WFGD additive
358	boiler additive	WFGD additive
592	boiler additive	WFGD additive
114	boiler additive	WFGD additive
180	boiler additive	WFGD additive
495	boiler additive	WFGD additive
230	boiler additive	WFGD additive
360	boiler additive	WFGD additive
578	boiler additive	WFGD additive
578	boiler additive	WFGD additive
578	boiler additive	WFGD additive
578	boiler additive	WFGD additive
326	boiler additive	WFGD additive
1300	boiler additive	WFGD additive
1300	boiler additive	WFGD additive
175	boiler additive	WFGD additive
175	boiler additive	WFGD additive
175	boiler additive	WFGD additive
175	boiler additive	WFGD additive
200	boiler additive	WFGD additive
200	boiler additive	WFGD additive
200	boiler additive	WFGD additive
200	boiler additive	WFGD additive
200	boiler additive	WFGD additive
706	boiler additive	
706	boiler additive	
706	boiler additive	
706	boiler additive	
789	boiler additive	
204	boiler additive	
204	boiler additive	
891	boiler additive	
891	boiler additive	
891	boiler additive	
891	boiler additive	
272	boiler additive	
495	boiler additive	
358	boiler additive	
358	boiler additive	
778	boiler additive	

778	boiler additive	
323		WFGD additive
165		WFGD additive
165		WFGD additive
275		WFGD additive
275		WFGD additive
275		WFGD additive
750		WFGD additive
750		WFGD additive
531		WFGD additive
531		WFGD additive
745		WFGD additive
411		WFGD additive
657		WFGD additive
745		WFGD additive
745		WFGD additive
834		WFGD additive
87		WFGD additive
200		WFGD additive
575		WFGD additive
550		WFGD additive
265		WFGD additive
265		WFGD additive
104		WFGD additive
265		WFGD additive
617		WFGD additive
617		WFGD additive
557		WFGD additive
557		WFGD additive
557		WFGD additive
557		WFGD additive
356		WFGD additive
356		WFGD additive
463		WFGD additive
544		WFGD additive
566		WFGD additive
261		WFGD additive
365	Subbitumino carbon based sorbent	
239	Subbitumino carbon based sorbent	
358	Subbitumino carbon based sorbent	
374	Subbitumino carbon based sorbent	
574	Subbitumino carbon based sorbent	
574	Subbitumino carbon based sorbent	
621	Subbitumino carbon based sorbent	
621	Subbitumino carbon based sorbent	
183	Subbitumino carbon based sorbent	
183	Subbitumino carbon based sorbent	



183	Subbitumino	carbon based sorbent
183	Subbitumino	carbon based sorbent
183	Subbitumino	carbon based sorbent
183	Subbitumino	carbon based sorbent
383	Subbitumino	carbon based sorbent
383	Subbitumino	carbon based sorbent
579	Subbitumino	carbon based sorbent
579	Subbitumino	carbon based sorbent
566	Subbitumino	carbon based sorbent
750	Subbitumino	carbon based sorbent
88	Subbitumino	carbon based sorbent
100	Subbitumino	carbon based sorbent
615	Subbitumino	carbon based sorbent
615	Subbitumino	carbon based sorbent
460	Subbitumino	carbon based sorbent
289	Subbitumino	carbon based sorbent
359	Subbitumino	carbon based sorbent
326	Bituminous	carbon based sorbent
326	Bituminous	carbon based sorbent
593	Lignite	carbon based sorbent
593	Lignite	carbon based sorbent
793	Lignite	carbon based sorbent
793	Lignite	carbon based sorbent
793	Lignite	carbon based sorbent
593	Subbitumino	carbon based sorbent
593	Subbitumino	carbon based sorbent
793	Subbitumino	carbon based sorbent
591	Lignite	carbon based sorbent
660	Bituminous	carbon based sorbent
660	Bituminous	carbon based sorbent
660	Subbitumino	carbon based sorbent
660	Subbitumino	carbon based sorbent
360	Subbitumino	carbon based sorbent
893	Subbitumino	carbon based sorbent
893	Subbitumino	carbon based sorbent
326	Subbitumino	carbon based sorbent
355	Subbitumino	carbon based sorbent
299	Subbitumino	carbon based sorbent
598	Subbitumino	carbon based sorbent
190	Bituminous	carbon based sorbent
413	Bituminous	carbon based sorbent
540	Subbitumino	carbon based sorbent
424	Bituminous	carbon based sorbent
424	Bituminous	carbon based sorbent
790	Subbitumino	carbon based sorbent
213	Subbitumino	carbon based sorbent
351	Subbitumino	carbon based sorbent

570	Subbitumino	carbon based sorbent
294	Subbitumino	carbon based sorbent
346	Bituminous	carbon based sorbent
42	Subbitumino	carbon based sorbent
281	Lignite	carbon based sorbent
281	Lignite	carbon based sorbent
279	Lignite	carbon based sorbent
665	Subbitumino	carbon based sorbent
682	Subbitumino	carbon based sorbent
383	Subbitumino	carbon based sorbent
383	Subbitumino	carbon based sorbent
450	Subbitumino	carbon based sorbent
280	Subbitumino	carbon based sorbent
280	Subbitumino	carbon based sorbent
352	Subbitumino	carbon based sorbent
352	Subbitumino	carbon based sorbent
352	Subbitumino	carbon based sorbent
400	Subbitumino	carbon based sorbent
730	Subbitumino	carbon based sorbent
730	Subbitumino	carbon based sorbent
380	Subbitumino	carbon based sorbent
300	Subbitumino	carbon based sorbent
300	Subbitumino	carbon based sorbent
328	Subbitumino	carbon based sorbent
328	Subbitumino	carbon based sorbent
90	Subbitumino	carbon based sorbent
155	Subbitumino	carbon based sorbent
383	Subbitumino	carbon based sorbent
396	Subbitumino	carbon based sorbent
820	Subbitumino	carbon based sorbent

**Additional Comments**

Columbian BIT

76% App, 13% ILB, 10% Columbia

76% App, 13% ILB, 10% Columbia

76% App, 13% ILB, 10% Columbia

53% ILB, 35% App, 12% Wbit

61% LIG, 39% PRB

61% LIG, 39% PRB

32% ILB, 65% App, 3% WBit

32% ILB, 65% App, 3% WBit

32% ILB, 65% App, 3% WBit

32% ILB, 65% App, 3% WBit

88% ILB, 12% App

[Redacted]

95% PRB, 5% App

71% PRB, 29% App

71% PRB, 29% App

85% App, 15% PRB

85% App, 15% PRB

85% App, 15% PRB

85% App, 15% PRB

85% App, 15% PRB

85% App, 15% PRB

90% PRB, 10% App

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

60% LIG, 40% PRB

60% LIG, 40% PRB

wood

wood

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

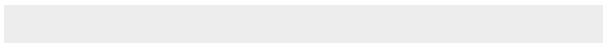
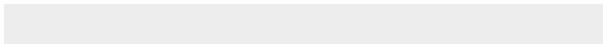
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[Redacted]

92% ILB, 8% App

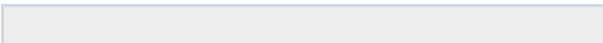
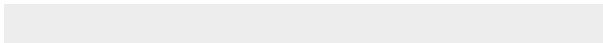
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92% ILB, 8% App



68% PRB, 32% Wbit

68% PRB, 32% Wbit



68% ILB, 32% App

74% LIG, 26% PRB

74% LIG, 26% PRB

74% LIG, 26% PRB

69% PRB, 31% ILB

69% PRB, 31% ILB

69% PRB, 31% ILB

