

## BASED ON 2010 CIBO - IHS Global Insight Study

### The Economic Impact of only the 2011 Final EPA Major Source Boiler/Process Heater MACT Rule on ICI Boiler and Process Heater Owners and Operators

Estimate of State Level Impacts of Potential Jobs at Risk- using average job impact of 16,000 per \$1 billion compliance capital cost only and state by state cost estimates.\*

BY STATE				BY COST & JOBS			
State	Boilers	2011 Cost Estimate	Potential Jobs at Risk	State	Boilers	2011 Cost Estimate	Potential Jobs at Risk
AK	9	\$109,516,557	1,752	NC	152	\$1,040,651,651	16,650
AL	61	\$544,618,932	8,714	IN	82	\$1,023,776,776	16,380
AR	42	\$338,482,280	5,416	OH	75	\$850,983,351	13,616
AZ	2	\$23,532,103	377	MI	79	\$788,787,531	12,621
CA	9	\$56,454,112	903	PA	82	\$726,068,629	11,617
CO	5	\$71,527,928	1,144	SC	77	\$677,585,203	10,841
CT	13	\$122,190,754	1,955	VA	81	\$634,212,550	10,147
DE	3	\$18,258,898	292	MN	65	\$602,639,020	9,642
FL	36	\$365,498,920	5,848	WI	71	\$596,382,766	9,542
GA	52	\$399,225,204	6,388	AL	61	\$544,618,932	8,714
HI	20	\$208,727,944	3,340	TN	60	\$527,375,393	8,438
IA	51	\$489,971,530	7,840	IA	51	\$489,971,530	7,840
ID	20	\$98,248,045	1,572	NY	30	\$482,403,820	7,718
IL	53	\$464,824,188	7,437	IL	53	\$464,824,188	7,437
IN	82	\$1,023,776,776	16,380	ME	42	\$424,722,192	6,796
KS	7	\$78,652,329	1,258	GA	52	\$399,225,204	6,388
KY	26	\$183,140,546	2,930	FL	36	\$365,498,920	5,848
LA	31	\$345,665,237	5,531	LA	31	\$345,665,237	5,531
MA	11	\$119,941,780	1,919	AR	42	\$338,482,280	5,416
MD	11	\$177,316,730	2,837	MO	38	\$302,718,329	4,843
ME	42	\$424,722,192	6,796	WV	27	\$277,998,031	4,448
MI	79	\$788,787,531	12,621	OR	31	\$210,294,358	3,365
MN	65	\$602,639,020	9,642	HI	20	\$208,727,944	3,340
MO	38	\$302,718,329	4,843	MS	37	\$202,508,555	3,240
MS	37	\$202,508,555	3,240	TX	27	\$202,218,185	3,235
MT	8	\$47,742,026	764	KY	26	\$183,140,546	2,930
NC	152	\$1,040,651,651	16,650	MD	11	\$177,316,730	2,837
ND	9	\$84,674,412	1,355	WA	19	\$149,391,002	2,390
NE	9	\$57,581,639	921	CT	13	\$122,190,754	1,955
NJ	3	\$30,227,631	484	MA	11	\$119,941,780	1,919
NY	30	\$482,403,820	7,718	OK	11	\$116,755,163	1,868
OH	75	\$850,983,351	13,616	AK	9	\$109,516,557	1,752
OK	11	\$116,755,163	1,868	ID	20	\$98,248,045	1,572
OR	31	\$210,294,358	3,365	ND	9	\$84,674,412	1,355
PA	82	\$726,068,629	11,617	KS	7	\$78,652,329	1,258
PR	2	\$11,461,640	183	WY	12	\$78,152,518	1,250
RI	3	\$13,687,522	219	CO	5	\$71,527,928	1,144
SC	77	\$677,585,203	10,841	NE	9	\$57,581,639	921
TN	60	\$527,375,393	8,438	CA	9	\$56,454,112	903
TX	27	\$202,218,185	3,235	MT	8	\$47,742,026	764
VA	81	\$634,212,550	10,147	NJ	3	\$30,227,631	484
WA	19	\$149,391,002	2,390	AZ	2	\$23,532,103	377
WI	71	\$596,382,766	9,542	DE	3	\$18,258,898	292
WV	27	\$277,998,031	4,448	RI	3	\$13,687,522	219
WY	12	\$78,152,518	1,250	PR	2	\$11,461,640	183
<b>TOTALS</b>	<b>1594</b>	<b>\$14,376,793,910</b>	<b>230,029</b>	<b>TOTALS</b>	<b>1594</b>	<b>\$14,376,793,910</b>	<b>230,029</b>

\* Note- State total potential jobs at risk figure assumes the national industry distribution of the IHS Global Insight report. State totals estimates will differ based on actual industry distribution. Also, capital cost estimates (increased operating costs are not considered) are developed for Major Source boilers only and based on current fuels continuing to be considered fuels. A change in this assumption forcing boilers into the CISWI incinerator category could increase the cost by a factor of 2X of 3X for affected industries.

Existing Solid or Liquid Units

Of 1594 total units, 31 units comply without incurring costs.

<b>Category</b>	<b>Of 31 Units, Number that Comply without Incurring Costs</b>	<b>Total Units</b>	<b>Percentage of Total Units that Comply without Incurring Costs</b>
Biomass	26	466	5.58%
Coal	2	544	0.37%
Process Gas	2	71	4.93%
Liquid	1	513	0.19%