

**Upstate Industrial Potential
Measure Cumulative Gas Savings**

Results at Program Level by Measure

Cumulative NGas Thousand DecaTherm Savings (Net of freeriders)

Measure Name	Measure ID5 (e.g., End Use)	2007	2008	2009	2010	2011
Steam trap maintenance/management	Boiler	2,937.50	2,937.50	2,837.57	2,903.48	3,010.18
Boiler Replacement	Boiler	195.83	387.29	576.46	770.02	966.31
Boiler tune-up	Boiler	2,340.82	2,340.82	2,261.19	2,313.71	2,398.74
Improved sensors and controls	Boiler	550.78	1,089.24	1,621.28	2,165.69	2,717.74
Economizers and feedwater preheaters	Boiler	128.52	254.16	378.30	505.33	634.14
Upgraded heat exchangers	Boiler	385.55	762.47	1,134.90	1,515.98	1,902.42
Improved insulation	Boiler	275.39	544.62	810.64	1,082.84	1,358.87
Condensing hot water heaters	Boiler	220.31	435.70	648.51	866.27	1,087.10
Improved unit space heaters	Non-Process	95.37	188.61	280.74	375.01	470.60
Improved insulation	Non-Process	32.43	64.13	95.45	127.50	160.01
Improved sensors and process controls	Direct Process	1,168.33	2,310.51	3,439.09	4,593.88	5,764.90
Improved dryer and furnace designs	Direct Process	272.61	539.12	802.45	1,071.91	1,345.14
Heat recovery from dryer and furnace exhausts	Direct Process	272.61	539.12	802.45	1,071.91	1,345.14
Improved insulation	Direct Process	233.67	462.10	687.82	918.78	1,152.98

Upstate Industrial Measures
Total Resource Cost Test Benefit/Cost Ratio and Levelized Cost of Saved Energy

Measure Name	Measure ID5 (e.g., End Use)	Total Resource BCR	TRC Levelized Cost per Saved Therm (\$/Therm)
Improved sensors and controls	Boiler	19.58	0.044053003
Improved unit space heaters	Non-Process	9.56	0.124031074
Steam trap maintenance/management	Boiler	4.63	0.205554456
Improved dryer and furnace designs	Direct Process	3.89	0.211140841
Improved sensors and process controls	Direct Process	3.84	0.224765673
Upgraded heat exchangers	Boiler	2.73	0.29982385
Condensing hot water heaters	Boiler	2.62	0.312155515
Improved insulation	Boiler	2.59	0.316323519
Boiler Replacement	Boiler	2.32	0.354788184
Improved insulation	Non-Process	3.14	0.377121001
Improved insulation	Direct Process	2.17	0.377121001
Heat recovery from dryer and furnace exhausts and	Direct Process	1.74	0.470230401
Economizers and feedwater preheaters	Boiler	1.34	0.613445818
Boiler tune-up	Boiler	1.40	0.678953409

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