Trends in Renewable Energy Consumption and Electricity 2010

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Table 23. Net summer capacity of plants with the capability to cofire biomass and coal, 2009 and 2010

(megawatts)

					2009		2010	
					Biomass/		Biomass/	
					Coal	Total	Coal	Total
		Plant			Cofiring	Plant	Cofiring	Plant
State	Company Name	I.D.	Plant Name	County	Capacity	Capacity	Capacity	Capacity
AL	DTE Energy Services	50407	Mobile Energy Services LLC	Mobile	73	73	73	73
AL	Georgia-Pacific Corp	10699	Georgia Pacific Naheola Mill	Choctaw	29	73	29	73
AL	International Paper Co	52140	International Paper Prattville Mill	Autauga	46	84	45	76
AR	Domtar Industries Inc	54104	Ashdown	Little River	128	128	128	128
AZ	Tucson Electric Power Co	126	H Wilson Sundt Generating Station	Pima	156	472	156	472
CA	Air Products Energy Enterprises LP	10640	Stockton Cogen	San Joaquin	54	54	54	54
CA	Mt Poso Cogeneration Co	54626	Mt Poso Cogeneration	Kern	52	52	52	52
DE	Calpine Mid-Atlantic Generation LLC	593	Edge Moor	New Castle	260	718	260	723
FL	International Paper Co-Pensacola	50250	International Paper Pensacola	Escambia	76	76	76	76
FL	Jefferson Smurfit Corp	10202	Jefferson Smurfit Fernandina Beach	Nassau	50	80	50	80
FL	Stone Container Corp-Panama Ci	50807	Stone Container Panama City Mill	Bay	22	36	22	36
GA	Georgia Pacific CSO LLC	54101	Georgia Pacific Cedar Springs	Early	90	90	90	90
GA	International Paper Co-Augusta	54358	International Paper Augusta Mill	Richmond	79	79	79	79
GA	Riverwood Intl USA Inc	54464	Riverwood International Macon Mill	Bibb	35	40	40	40
GA	SP Newsprint Company	54004	Dublin Mill	Laurens	44	84	44	84
HI	Hawaiian Com & Sugar Co Ltd	10604	Hawaiian Comm & Sugar Puunene Mill	Maui	46	46	46	46
IA	Ames City of	1122	Ames Electric Services Power Plant	Story	105	105	104	104
IA 	Archer Daniels Midland Co	10860	Archer Daniels Midland Clinton	Clinton	180	180	180	180
IA	University of Iowa	54775	University of Iowa Main Power Plant	Johnson	21	23	21	23
KY	East Kentucky Power Coop, Inc	6041	H L Spurlock	Mason	536	1,346	536	1,346
LA	International Paper Co	54090	International Paper Louisiana Mill	Morehouse	63	63	·	
MD	NewPage Corporation	50282	Luke Mill	Allegany	60	60	60	60
ME	NewPage Corporation	10495	Rumford Cogeneration	Oxford	85	85	85	85
ME	S D Warren Co Westbrook	50447	S D Warren Westbrook	Cumberland	56	65	56	65
ME	Verso Bucksport LLC	50243	Verso Paper	Hancock	93	250	93	250
MI	Decorative Panels International, Inc.	10149	Decorative Panels Intl	Alpena	7	7	7	7
MI	Michigan State University	10328	T B Simon Power Plant	Ingham	21	 97	21	97
MI	NewPage Corporation	10208	Escanaba Paper Company	Delta	77	100	77	100
MI	S D Warren Co	50438	S D Warren Muskegon	Muskegon	37	37		
MI	TES Filer City Station LP	50835	TES Filer City Station	Manistee	60	60	60	60
MN	Minnesota Power Inc	1897	M L Hibbard	St Louis	67	67	67	67
MN	Minnesota Power Inc	10686	Rapids Energy Center	Itasca	27	27	27	27
MN	Willmar Municipal Utilities	2022	Willmar	Kandiyohi	16	26	16	26
МО	Anheuser-Busch Inc	10430	Anheuser Busch St Louis	St Louis City	26	26	26	26
MO	City of Marshall	2144	Marshall	Saline	6	55	6	55
MO	Curators of the University of Missouri	50969	MU Combined Heat and Power Plant	Boone	51	77	51	77
MS	Weyerhaeuser Co	50184	Weyerhaeuser Columbus MS	Lowndes	123	123	129	129
NC	CPI USA NC LLC	10378	CPI USA NC Southport	Brunswick	54	107	107	107
NC	CPI USA NC LLC	10379	CPI USA NC Roxboro	Person	56	56	56	56
NC	Carlyle/Riverstone Renewable Energy	10381	Coastal Carolina Clean Power	Duplin	27	27	27	27
NC	Corn Products Intl Inc	54618	Corn Products Winston Salem	Forsyth	7	7	7	7
NC	Domtar Paper Company LLC	50189	Domtar Paper Co LLC Plymouth NC	Martin	146	146	146	146
NE	Archer Daniels Midland Co	57046	Archer Daniels Midland Columbus	Platte			61	61
NY	AES Greenidge	2527	AES Greenidge LLC	Yates	108	108	108	108

SC   International Paper Co-Eastovr   S2151   International Paper Eastover Facility   Richland   46   103   46   103   105	NY	Black River Generation LLC	10464	Black River Generation	Jefferson	55	55	55	55
SC         Smurfit-Stone Container Enterprises Inc         50806         Stone Container Florence Mill         Florence         75         103         75         10           SC         South Carolina Electric&Gas Co         7737         Cogen South         Charleston         90<	PA	Domtar LLC	54638	Johnsonburg Mill	Elk	49	49	49	49
SC         South Carolina Electric&Gas Co         7737         Cogen South Charleston         90	SC	International Paper Co-Eastovr	52151	International Paper Eastover Facility	Richland	46	103	46	103
TN	SC	Smurfit-Stone Container Enterprises Inc	50806	Stone Container Florence Mill	Florence	75	103	75	103
VA         GP Big Island LLC         50479         Georgia Pacific Big Island         Bedford         7         7         7           VA         International Paper         52152         International Paper Franklin Mill         Isle of Wight         81         106         100         13           VA         MeadWestvaco Corp         50900         Covington Facility         Covington         97         29         55         5         5         5         5         5         5         5         5         5         5         5         5         5         5	SC	South Carolina Electric&Gas Co	7737	Cogen South	Charleston	90	90	90	90
VA         GP Big Island LLC         50479         Georgia Pacific Big Island         Bedford         7         7         7           VA         International Paper         52152         International Paper Franklin Mill         Isle of Wight         81         106         100         13           VA         MeadWestvaco Corp         50900         Covington Facility         Covington         97         29         55         5         5         5         5         5         5         5         5         5         5         5         5         5         5									
VA         International Paper         52152         International Paper Franklin Mill         Isle of Wight         81         106         100         13           VA         MeadWestvaco Corp         50900         Covington Facility         Covington         97         72         95         50 <td< td=""><td>TN</td><td>Bowater Newsprint Calhoun Ops</td><td>50956</td><td>Bowater Newsprint Calhoun Operation</td><td>McMinn</td><td>66</td><td>66</td><td>66</td><td>66</td></td<>	TN	Bowater Newsprint Calhoun Ops	50956	Bowater Newsprint Calhoun Operation	McMinn	66	66	66	66
VA         MeadWestvaco Corp         50900         Covington Facility         Covington         97         29         55         50         10         10	VA	GP Big Island LLC	50479	Georgia Pacific Big Island	Bedford	7	7	7	7
VA         Smurfit-Stone Container Enterprises Inc         50813         Stone Container Hopewell Mill Hopewell City         41	VA	International Paper	52152	International Paper Franklin Mill	Isle of Wight	81	106	100	138
WA         Weyerhaeuser Co         50187         Weyerhaeuser Longview WA         Cowlitz         29         57         29         5           WI         Flambeau River Papers         50620         Flambeau River Papers         Price         5         5         5         5           WI         Fox Valley Energy Center LLC         56037         Fox Valley Energy Center         Winnebago         7         7         7         7           WI         Madison Gas & Electric Co         3992         Blount Street         Dane         101         188         101         18           WI         Manitowoc Public Utilities         4125         Manitowoc         Manitowoc         116         121         116         12           WI         NewPage Corporation         10234         Biron Mill         Wood         22         62         20         5           WI         NewPage Corporation         10476         Wisconsin Rapids Pulp Mill         Wood         67         67         65         6           WI         NewPage Corporation         54857         Niagara Mill         Marinette         12         25         12         2           WI         Northern States Power Co - Minnesota         3982         Bay F	VA	MeadWestvaco Corp	50900	Covington Facility	Covington	97	97	97	97
WA         Weyerhaeuser Co         50187         Weyerhaeuser Longview WA         Cowlitz         29         57         29         5           WI         Flambeau River Papers         50620         Flambeau River Papers         Price         5         5         5         5           WI         Fox Valley Energy Center LLC         56037         Fox Valley Energy Center         Winnebago         7         7         7         7           WI         Madison Gas & Electric Co         3992         Blount Street         Dane         101         188         101         18           WI         Manitowoc Public Utilities         4125         Manitowoc         Manitowoc         116         121         116         12           WI         NewPage Corporation         10234         Biron Mill         Wood         22         62         20         5           WI         NewPage Corporation         10476         Wisconsin Rapids Pulp Mill         Wood         67         67         65         6           WI         NewPage Corporation         54857         Niagara Mill         Marinette         12         25         12         2           WI         Northern States Power Co - Minnesota         3982         Bay F									
WI         Flambeau River Papers         50620         Flambeau River Papers         Price         5         5         5           WI         Fox Valley Energy Center LLC         56037         Fox Valley Energy Center         Winnebago         7         7         7           WI         Madison Gas & Electric Co         3992         Blount Street         Dane         101         188         101         18           WI         Manitowoc Public Utilities         4125         Manitowoc         Manitowoc         116         121         116         12           WI         NewPage Corporation         10234         Biron Mill         Wood         22         62         20         5           WI         NewPage Corporation         10476         Whiting Mill         Portage         4         4         4           WI         NewPage Corporation         10477         Wisconsin Rapids Pulp Mill         Wood         67         67         65         6           WI         NewPage Corporation         54857         Niagara Mill         Marinette         12         25         12         2           WI         Northern States Power Co - Minnesota         3982         Bay Front         Ashland         44         7	VA		50813		Hopewell City			41	41
WI         Fox Valley Energy Center LLC         56037         Fox Valley Energy Center         Winnebago         7         7         7           WI         Madison Gas & Electric Co         3992         Blount Street         Dane         101         188         101         18           WI         Manitowoc Public Utilities         4125         Manitowoc         Manitowoc         116         121         116         12           WI         NewPage Corporation         10234         Biron Mill         Wood         22         62         20         5           WI         NewPage Corporation         10476         Whiting Mill         Portage         4         4         4         4           WI         NewPage Corporation         10477         Wisconsin Rapids Pulp Mill         Wood         67         67         65         6           WI         NewPage Corporation         54857         Niagara Mill         Marinette         12         25         12         2           WI         Northern States Power Co - Minnesota         3982         Bay Front         Ashland         44         73         33         5           WI         State of Wisconsin         54408         Univ of Wisc Madison Charter Sreet Plant	WA	Weyerhaeuser Co	50187	Weyerhaeuser Longview WA	Cowlitz	29	57	29	57
WI         Madison Gas & Electric Co         3992         Blount Street         Dane         101         188         101         18           WI         Manitowoc Public Utilities         4125         Manitowoc         Manitowoc         116         121         116         12           WI         NewPage Corporation         10234         Biron Mill         Wood         22         62         20         5           WI         NewPage Corporation         10476         Whiting Mill         Portage         4         4         4         4           WI         NewPage Corporation         10477         Wisconsin Rapids Pulp Mill         Wood         67         67         65         6           WI         NewPage Corporation         54857         Niagara Mill         Marinette         12         25         12         2           WI         Northern States Power Co - Minnesota         3982         Bay Front         Ashland         44         73         33         5           WI         State of Wisconsin         54407         Waupun Correctional Central Heating Plt         Dodge         1         1         1           WI         State of Wisconsin         54408         Univ of Wisc Madison Charter Sreet Plant <td>WI</td> <td>Flambeau River Papers</td> <td>50620</td> <td>Flambeau River Papers</td> <td>Price</td> <td>5</td> <td>5</td> <td>5</td> <td>5</td>	WI	Flambeau River Papers	50620	Flambeau River Papers	Price	5	5	5	5
WI         Manitowoc Public Utilities         4125         Manitowoc Manitowoc         116         121         116         12           WI         NewPage Corporation         10234         Biron Mill         Wood         22         62         20         5           WI         NewPage Corporation         10476         Whiting Mill         Portage         4         4         4         4           WI         NewPage Corporation         10477         Wisconsin Rapids Pulp Mill         Wood         67         67         65         6           WI         NewPage Corporation         54857         Niagara Mill         Marinette         12         25         12         2           WI         Northern States Power Co - Minnesota         3982         Bay Front         Ashland         44         73         33         50           WI         State of Wisconsin         54407         Waupun Correctional Central Heating Plt         Dodge         1         1         1           WI         State of Wisconsin         54408         Univ of Wisc Madison Charter Sreet Plant         Dane         6         6         6         6	WI	Fox Valley Energy Center LLC	56037	Fox Valley Energy Center	Winnebago	7	7	7	7
WI         NewPage Corporation         10234         Biron Mill         Wood         22         62         20         5.           WI         NewPage Corporation         10476         Whiting Mill         Portage         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         6         65         6 <td>WI</td> <td>Madison Gas &amp; Electric Co</td> <td>3992</td> <td>Blount Street</td> <td>Dane</td> <td>101</td> <td>188</td> <td>101</td> <td>188</td>	WI	Madison Gas & Electric Co	3992	Blount Street	Dane	101	188	101	188
WI         NewPage Corporation         10476         Whiting Mill         Portage         4         6         65         6         6           WI         NewPage Corporation         54857         Niagara Mill         Marinette         12         25         12         2           WI         Northern States Power Co - Minnesota         3982         Bay Front         Ashland         44         73         33         5           WI         State of Wisconsin         54407         Waupun Correctional Central Heating Plt         Dodge         1         1         1           WI         State of Wisconsin         54408         Univ of Wisc Madison Charter Sreet Plant         Dane         6         6         6         6	WI	Manitowoc Public Utilities	4125	Manitowoc	Manitowoc	116	121	116	121
WI         NewPage Corporation         10477         Wisconsin Rapids Pulp Mill         Wood         67         67         65         6           WI         NewPage Corporation         54857         Niagara Mill         Marinette         12         25         12         2           WI         Northern States Power Co - Minnesota         3982         Bay Front         Ashland         44         73         33         5           WI         State of Wisconsin         54407         Waupun Correctional Central Heating Plt         Dodge         1         1         1         1           WI         State of Wisconsin         54408         Univ of Wisc Madison Charter Sreet Plant         Dane         6         6         6         6	WI	NewPage Corporation	10234	Biron Mill	Wood	22	62	20	55
WI     NewPage Corporation     54857     Niagara Mill     Marinette     12     25     12     2       WI     Northern States Power Co - Minnesota     3982     Bay Front     Ashland     44     73     33     5       WI     State of Wisconsin     54407     Waupun Correctional Central Heating Plt     Dodge     1     1     1       WI     State of Wisconsin     54408     Univ of Wisc Madison Charter Sreet Plant     Dane     6     6     6     6	WI	NewPage Corporation	10476	Whiting Mill	Portage	4	4	4	4
WI Northern States Power Co - Minnesota 3982 Bay Front Ashland 44 73 33 55  WI State of Wisconsin 54407 Waupun Correctional Central Heating Plt Dodge 1 1 1  WI State of Wisconsin 54408 Univ of Wisc Madison Charter Sreet Plant Dane 6 6 6	WI	NewPage Corporation	10477	Wisconsin Rapids Pulp Mill	Wood	67	67	65	65
WI State of Wisconsin 54407 Waupun Correctional Central Heating Plt Dodge 1 1 1  WI State of Wisconsin 54408 Univ of Wisc Madison Charter Sreet Plant Dane 6 6 6	WI	NewPage Corporation	54857	Niagara Mill	Marinette	12	25	12	25
WI State of Wisconsin 54408 Univ of Wisc Madison Charter Sreet Plant Dane 6 6 6	WI	Northern States Power Co - Minnesota	3982	Bay Front	Ashland	44	73	33	56
	WI	State of Wisconsin	54407	Waupun Correctional Central Heating Plt	Dodge	1	1	1	1
WI Thilmany LLC 54098 International Paper Kaukauna Mill Outagamie 45 45 45 45 4	WI	State of Wisconsin	54408	Univ of Wisc Madison Charter Sreet Plant	Dane	6	6	6	6
	WI	Thilmany LLC	54098	International Paper Kaukauna Mill	Outagamie	45	45	45	45
WI Wausau Paper Specialty Products LLC 50614 Mosinee Paper Marathon 18 21 18 2	WI	Wausau Paper Specialty Products LLC	50614	Mosinee Paper	Marathon	18	21	18	21
Total 4,434 6,911 4,462 6,886	Total					4,434	6,911	4,462	6,880

<sup>- =</sup> No data reported.

Note: State abbreviations are documented on the United States Postal Service website:

 $http://www.usps.com/ship/official\_abbreviations.htm.\\$ 

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report," Schedule 3, Part B.