

# LIST OF REFERENCES - BWE BOILERS

# BIOMASS FIRING SYSTEMS



Power plant	Owner	Country	Fuel	Firing system	Steam data				Fuel input	Comm.
					t/h	bar	°C	RH	MJ/s	Year
Kent	Kent Renewable Energy Partners	United Kingdom	Wood Chip	Grate	90	140	540	540	78	2018
Cramlington	Cramlington Renewable Energy Developments	United Kingdom	Wood Chip	Grate	90	140	540	540	78	2017
Snetterton	Eco2 Linc	United Kingdom	Straw/<50% Wood	Grate	173	120	540		130	2017
Lisbjerg	AVA	Denmark	Straw/<50% Wood	Grate	152	110	540		110	2016
Brigg	Eco2 North Lincs	United Kingdom	Straw/<22% Wood	Grate	152	111	539		117	2016
Sleaford	Eco2 Lincs	United Kingdom	Straw/<20% Wood	Grate	152	112	542		115	2014
BEKW Emlichheim	Bioenergie	Germany	Straw	Grate	67	112	522		50	2013
Herning	Dong Energy	Denmark	Wood Pellets	Burner	425	115	525		125	2009 <sup>1)</sup>
Amager 1	Vattenfall	Denmark	Wood/Straw/Pellets	Bumer	500	185	562	540	350	2009
Ensted 3 Bio	Dong Energy	Denmark	Straw	Grate	122	210	542		81	2007
Shanxian	National Bio Energy Co.	Peoples Republic of China	Cotton Stalkes	Grate	130	92	538		101	2006
Avedøre 2	Dong Energy	Denmark	Wood/Pellets	Bumer	1067	305	582	600	585 <sup>2)</sup>	2001

<sup>1)</sup>Final acceptance of full bioconversion in 2009 (88% conversion)

<sup>2)</sup>Biomass firing capacity 73% of full load