



GRAPHITE RESOURCES (DEP) LIMITED

Derwenthaugh Ecoparc Medium Combustion Plant Details

Gas CHP Engines

MCP Site Specific Identifier	<i>Dordtech 700 -SG/15 VEC 001001 330.846</i>	
Grid Reference Location	Easting	Northing
	419832	563139
Rated Thermal Input (MW)	1.983	
Type	Engine	
Fuel	Gas (syngas)	
Date of operation	TBD	
Sector of activity of the MCP or facility in which it is applied (NACE code)	E38.2	
Expected number of annual operating hours	8,000	
Average load in use (%)	100	
Annual load (%)	100	
Stack height (m)	35	
Distance to nearest human receptor (m)	200 m south (Premier Inn)	
Distance to nearest ecological receptor (m)	215m west (Shibdon Pond LNR and SSSI)	
Background NO2 (ug/m3)	21	

MCP Site Specific Identifier	<i>Dordtech 700 -SG/16 VEC 001002 330.847</i>	
Grid Reference Location	Easting	Northing
	419832	563139
Rated Thermal Input (MW)	1.983	
Type	Engine	
Fuel	Gas (syngas)	
Date of operation	TBD	
Sector of activity of the MCP or facility in which it is applied (NACE code)	E38.2	
Expected number of annual operating hours	8,000	
Average load in use (%)	100	
Annual load (%)	100	
Stack height (m)	35	
Distance to nearest human receptor (m)	200 m south (Premier Inn)	
Distance to nearest ecological receptor (m)	215m west (Shibdon Pond LNR and SSSI)	
Background NO2 (ug/m3)	21	



MCP Site Specific Identifier	<i>Dordtech 700 -SG/17 VEC 000997 330.842</i>	
Grid Reference Location	Easting	Northing
	419832	563139
Rated Thermal Input (MW)	1.983	
Type	Engine	
Fuel	Gas (syngas)	
Date of operation	TBD	
Sector of activity of the MCP or facility in which it is applied (NACE code)	E38.2	
Expected number of annual operating hours	8,000	
Average load in use (%)	100	
Annual load (%)	100	
Stack height (m)	35	
Distance to nearest human receptor (m)	200 m south (Premier Inn)	
Distance to nearest ecological receptor (m)	215m west (Shibdon Pond LNR and SSSI)	
Background NO2 (ug/m3)	21	

MCP Site Specific Identifier	<i>Dordtech 700 -SG/18 VEC 000998 330.843</i>	
Grid Reference Location	Easting	Northing
	419832	563139
Rated Thermal Input (MW)	1.983	
Type	Engine	
Fuel	Gas (syngas)	
Date of operation	TBD	
Sector of activity of the MCP or facility in which it is applied (NACE code)	E38.2	
Expected number of annual operating hours	8000	
Average load in use (%)	100	
Annual load (%)	100	
Stack height (m)	35	
Distance to nearest human receptor (m)	200 m south (Premier Inn)	
Distance to nearest ecological receptor (m)	215m west (Shibdon Pond LNR and SSSI)	
Background NO2 (ug/m3)	21	

MCP Site Specific Identifier	<i>Dordtech 700 -SG/19 VEC 000999 330.844</i>	
Grid Reference Location	Easting	Northing
	419832	563139
Rated Thermal Input (MW)	1.983	
Type	Engine	
Fuel	Gas (syngas)	
Date of operation	TBD	
Sector of activity of the MCP or facility in which it is applied (NACE code)	E38.2	
Expected number of annual operating hours	8,000	
Average load in use (%)	100	
Annual load (%)	100	
Stack height (m)	35	
Distance to nearest human receptor (m)	200 m south (Premier Inn)	
Distance to nearest ecological receptor (m)	215m west (Shibdon Pond LNR and SSSI)	
Background NO2 (ug/m3)	21	



MCP Site Specific Identifier	<i>Dordtech 700 -SG/20 VEC 000996 330.841</i>	
Grid Reference Location	Easting	Northing
	419832	563139
Rated Thermal Input (MW)	1.983	
Type	Engine	
Fuel	Gas (syngas)	
Date of operation	TBD	
Sector of activity of the MCP or facility in which it is applied (NACE code)	E38.2	
Expected number of annual operating hours	8,000	
Average load in use (%)	100	
Annual load (%)	100	
Stack height (m)	35	
Distance to nearest human receptor (m)	200 m south (Premier Inn)	
Distance to nearest ecological receptor (m)	215m west (Shibdon Pond LNR and SSSI)	
Background NO2 (ug/m3)	21	

MCP Site Specific Identifier	<i>Dordtech 700 -SG/21 VEC 001000 330.845</i>	
Grid Reference Location	Easting	Northing
	419832	563139
Rated Thermal Input (MW)	1.983	
Type	Engine	
Fuel	Gas (syngas)	
Date of operation	TBD	
Sector of activity of the MCP or facility in which it is applied (NACE code)	E38.2	
Expected number of annual operating hours	8,000	
Average load in use (%)	100	
Annual load (%)	100	
Stack height (m)	35	
Distance to nearest human receptor (m)	200 m south (Premier Inn)	
Distance to nearest ecological receptor (m)	215m west (Shibdon Pond LNR and SSSI)	
Background NO2 (ug/m3)	21	

MCP Site Specific Identifier	<i>Dordtech 700 -SG/22 VEC 001538 330.902</i>	
Grid Reference Location	Easting	Northing
	419832	563139
Rated Thermal Input (MW)	1.983	
Type	Engine	
Fuel	Gas (syngas)	
Date of operation	TBD	
Sector of activity of the MCP or facility in which it is applied (NACE code)	E38.2	
Expected number of annual operating hours	8,000	
Average load in use (%)	100	
Annual load (%)	100	
Stack height (m)	35	
Distance to nearest human receptor (m)	200 m south (Premier Inn)	
Distance to nearest ecological receptor (m)	215m west (Shibdon Pond LNR and SSSI)	
Background NO2 (ug/m3)	21	



MCP Site Specific Identifier	<i>Dordtech 700 -SG/23 VEC 001539 330.901</i>	
Grid Reference Location	Easting	Northing
	419832	563139
Rated Thermal Input (MW)	1.983	
Type	Engine	
Fuel	Gas (syngas)	
Date of operation	TBD	
Sector of activity of the MCP or facility in which it is applied (NACE code)	E38.2	
Expected number of annual operating hours	0 (stand by generator)	
Average load in use (%)	100	
Annual load (%)	0	
Stack height (m)	35	
Distance to nearest human receptor (m)	200 m south (Premier Inn)	
Distance to nearest ecological receptor (m)	215m west (Shibdon Pond LNR and SSSI)	
Background NO2 (ug/m3)	21	

Back Up Gas Boilers

MCP Site Specific Identifier	<i>Cochran ST28 Number 1</i>	
Grid Reference Location	Easting	Northing
	419895	563194
Rated Thermal Input (MW)	4.425	
Type	Boiler	
Fuel	Natural gas	
Date of operation	TBD	
Sector of activity of the MCP or facility in which it is applied (NACE code)	E38.2	
Expected number of annual operating hours	0 (stand by boiler)	
Average load in use (%)	0	
Annual load (%)	0	
Stack height (m)	35	
Distance to nearest human receptor (m)	200 m south (Premier Inn)	
Distance to nearest ecological receptor (m)	215m west (Shibdon Pond LNR and SSSI)	

MCP Site Specific Identifier	<i>Cochran ST28 Number 2</i>	
Grid Reference Location	Easting	Northing
	419895	563194
Rated Thermal Input (MW)	4.425	
Type	Boiler	
Fuel	Natural gas	
Date of operation	TBD	
Sector of activity of the MCP or facility in which it is applied (NACE code)	E38.2	
Expected number of annual operating hours	0 (stand by boiler)	
Average load in use (%)	0	
Annual load (%)	0	
Stack height (m)	35	
Distance to nearest human receptor (m)	200 m south (Premier Inn)	
Distance to nearest ecological receptor (m)	215m west (Shibdon Pond LNR and SSSI)	