



DDNB Energy Monitoring Scheme

MVV Environment Devonport Limited (MED) was awarded the South West Devon Waste Partnership's (SWDWP) residual waste contract, which was signed on 25th March 2011. To deliver this contract, MED has constructed and operates a highly modern and efficient Energy from Waste Combined Heat and Power (EfW CHP) Facility on land situated in the north east of Her Majesty's Naval Base (HMNB) Devonport, Plymouth, also referred to as The Devonport Dockyard and Naval Base (DDNB) belonging to the Secretary of State for Defence and Devonport Royal Dockyard Limited (DRDL).

MED was granted planning consent for the Facility on 3rd February 2012, together with an Agreement made pursuant to Section 106 of the 1990 Act. This report meets the obligations set out in Schedule 2, paragraph 5 of the S106 Agreement: to provide an annual report in accordance with the DDNB Energy Monitoring Scheme.

Associated carbon dioxide emissions shall be calculated using the following factors:

Electricity	0.31 kg CO ₂ /kWh
Steam	0.31 kg CO ₂ /kWh

Metered Energy Data

Date (12 months ending)	Electricity Delivery Point 1 (kWh)	Change in year (kWh)	Electricity Delivery Point 2 (kWh)	Change in year (kWh)	Steam Delivery Point 1 (kWh)	Change in year (kWh)	Associated CO ₂ emissions (kg)
30 th Sept. 2016	175,364,980		829,139		42,785,558		67,883,700
30 th Sept. 2017	174,305,213	- 1,059,767	706,998	- 122,141	54,731,244	+ 11,945,686	71,220,471
30 th Sept. 2018	177,602,734	+ 3,297,521	756,933	+ 49,935	57,719,601	+ 2,988,357	73,184,573
30 th Sept. 2019	195,015,012	+ 17,412,278	765,699	+ 8,766	55,647,240	- 2,072,361	77,942,665
30 th Sept. 2020	184,860,365	- 10,154,647	891,795	+ 126,096	49,725,119	- 5,922,121	72,997,957
30 th Sept. 2021	175,540,922	- 9,319,443	876,814	- 14,981	50,201,456	+ 476,337	70,251,950
30 th Sept. 2022	173,935,549	- 1,605,373	905,986	+ 29,171	50,335,785	+ 134,328	69,804,969